

- TR MAFF Ministry of Agriculture, Fisheries and Food Film Collection
- 295 Films  
1930-1989
- TR MAFF PH6/1 **Foot and Mouth**  
Information film on Foot and Mouth Disease, looking at the history of the 1951/1952 epidemic in Europe. Includes: How the disease is spread; what to do if symptoms are spotted. Tractor on farm; autumn, dairy cows: a quiet morning in November.  
Quotes figures for the 1951/1952 Foot and Mouth epidemic in Europe;  
How disease is carried to markets then to a new farm.  
Destroying animals on a massive scale - dramatic shots of empty fields.  
Illustrated map of the 1952 outbreak in the UK. 296 outbreaks caused by 3 days delay.  
Transfer of disease by birds from Europe.  
The role of the scientist.  
How disease is spread on cars and bikes, hands and clothes; pets and rats.  
Imported meat - refrigeration will not kill Foot and Mouth;  
Swill buckets and regulations for boiling swill.  
What to do if you suspect a case; disinfecting of farm.  
Includes actions outside of the farm - campaign to stop traffic of cattle  
Ministry of Agriculture, Fisheries and Food  
Director and writer Anderson, Lindsay  
Film Company Basic Films
- 1 16mm film, 1 VHS video  
Black and white, 20 minutes
- TR MAFF PH6/2 **A Way to Plough**  
"An instructional film on a way to plough which is efficient and economical of land, fuel and time. Illustrates by diagrams how the field is divided and the course of the tractor is determined"  
(MAFF catalogue, UK 332).

Shows efficient way to plough a field, demonstrated by a woman from the Women's Land Army; includes graphics showing furrows.  
Tractor and plough.  
Dividing field into sections.  
Animation of how furrows should turn onto each other.  
Ministry of Agriculture, Fisheries and Food Central Film Library (distributor)

1 16mm film, 1 VHS video  
Black and white, 16 minutes

TR MAFF PH6/3

Fallout and Agriculture  
US information film on coping with nuclear fallout (1950's Cold War era civil defence for the farmer)  
Beginning missing?  
Animated section on nuclear explosion and fallout, with scientific explanation of fallout.  
Presenter speaking straight to camera.  
Live action of ploughing filed. Different types of crops contaminated.  
Shots of US agricultural research centre - scientist at work  
Motion Picture Service USDA (United States Department of Agriculture)

1 16mm film, 1 VHS video  
Colour, 20 minutes

TR MAFF PH6/4

This Farming Business  
Information film on applying modern business practice to farming, using the official recording book and using an accountant.  
Story of young farmer's wife on post war livestock farm. Leaves house in Wellingtons and gets in Land Rover to visit friend, another farmer's wife, who sings praises of new methods.  
Applying modern business practice to farming; adopting official recording book.  
Help from accountant.  
NAAS forms and reporting.  
How NAAS can analyse farm data to give advice on profitability.  
Ministry of Agriculture, Fisheries and Food Central Office of Information

1 16mm film, 1 VHS video  
Colour, 20 minutes

TR MAFF PH6/5 Home Defence for the Farmer  
Information film about coping after a nuclear explosion.  
Footage of landscape; voiceover about fallout. How to cope  
after a nuclear explosion.  
Level of damage up to 20 miles from impact of bomb.  
Precautions to take on the farm, e.g. protecting buildings,  
equipment, food storage.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video  
Colour, 15 minutes

TR MAFF PH6/6 Speed The Plough  
Animation showing historical development of the plough  
Animation showing history of crops and ploughing - from  
medieval hand sowing; ox drawn plough; early seed drill;  
enclosure; horse drawn combine; steam driven threshers;  
modern tractor/combine/threshers.  
1340 - Medieval scene.  
Sowing seeds - birds eating seed from the field.  
Harvesting using sickles; flailing wheat. Old plough pulled by  
oxen.  
One acre = 1 furlong × 22 yards wide.  
Rotation farming; forests and hunting; tenants cultivate lord  
of the manor land. Community works on the land, apart from  
crafts people.  
17th century - plough changed to period plough.  
Seeds sown and eaten by birds; uses dibber to plant seeds by  
hand.  
Early manual seed drill. Horse drawn hoe for weeds.  
Food production increases.  
Enclosure.  
1780 - enclosed fields; towns growing quickly; horse driven  
combining; horse driven thresher.  
Beginnings of steam (steam in textile factory gives farmer  
idea)  
Ministry of Agriculture, Fisheries and Food  
Director Bob Privett  
Distributed by Petroleum Films Bureau

Sponsored by Shell-Mex and B.P. Ltd

1 16mm film, 1 VHS video  
Colour, 14 minutes

TR MAFF PH6/7

Heritage Five

A look at potato growing; shows growing seed potatoes from cuttings; planting of seed potatoes; diseases; care with seed potatoes.

Ploughing with tractor; music soundtrack (1980s pop).

Harvesting potatoes - officially certified seeds - harvest of 20 tonnes of potatoes per acre.

Seed potatoes being planted. Importance of disease-resistant seed potatoes; how infection harms yield. Lots of footage of potato growing. How disease cycle is broken - grown in areas where aphids don't survive, e.g. high up, bleak, cold.

How seed potatoes are grown from cuttings; shows different diseases potatoes can get.

Trials in major growing areas.

Spraying with helicopter. Regular spraying of seed.

Footage of sprouts growing from potatoes before planting.

Preparing seeds for planting; handling seed potatoes carefully to protect sprouts.

Commissioner: NIAB

A Nickerson Seed Specialist Presentation

Director and photography Cradock, Gordon

Fleet Street Films

1 16mm film, 1 VHS video  
Colour, 20 minutes

TR MAFF PH6/8

Foot and Mouth Epidemic

TR MAFF PH6/8A

Foot and Mouth Epidemic

1 16mm film, 1 VHS video

Black and white

TR MAFF PH6/8B Foot and Mouth Epidemic

1 16mm film, 1 VHS video  
Black and white

TR MAFF PH6/9 Outbreak! The Story of Foot and Mouth Disease  
US information film about Foot and Mouth Disease; gives  
history of 1929 outbreak in the US.  
Music soundtrack. Dramatised sequence showing unloading  
food at docks. 1928 San Pedro Docks, California. Unloading of  
meat.  
1929 Frank Haas hog ranch - swill fed to pigs - start of  
outbreak.  
Series of sequences showing what happened next.  
Europe - Foot and Mouth in Germany, France and Spain. Shots  
of dead animals; 50% fatality rate in Europe.  
Back to Haas ranch - quarantined, then all livestock herded  
into a big wet ditch and shot.  
Farm disinfected.  
Restrictions on importing livestock and livestock products  
from Foot and Mouth affected countries. All inspected for  
disease.  
Case in Mexico, starting at Veracruz, 1947, includes animated  
sequence of inoculation and slaughter.  
US Department of Agriculture, Bureau of Animal Industry  
Director Rusinov, Irving  
Producer Motion Picture Service Office of Information  
Grissell, Wallace (2nd unit director)

1 16mm film, 1 VHS video  
Colour, 28 minutes

TR MAFF PH6/10 No title (Warning Foot and Mouth Disease)  
Information film on how to prevent the spread of Foot and  
Mouth Disease  
Information film on how to prevent foot and mouth spread:  
Isolate farm;  
Use disinfectant;

Inform the police.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video  
Colour, 1 minute

TR MAFF PH6/11 TVE of Foot and Mouth Precautions  
No details

1 16mm film, 1 VHS video  
Undated

TR MAFF PH6/12 Towards Automation in Farming  
Examples of the use of electricity to aid automating farming practices: feed preparation; grain storage management; chicken feeding; crop storage; milking.  
Importance of automation in modern efficient business. Starts with examples of business, industry and commerce. Also happening in farming.  
Automated feed preparation - animation of automated feed mixing; live action of all sequences.  
Reduction of labour required for high return on capital.  
Example of grain storage management (milling and mixing)  
N.A.C. Stoneleigh - liquid feeding of pigs - food mixed and dispensed to pigs; plus regulation of ventilation and environment.  
Automated chicken shed  
Crop storage; e.g. seed potatoes, plus animated diagram.  
Milking applications - automated milking parlour: cleaning, feeding etc.  
The Electricity Council  
Director Pople, Ken

1 16mm film, 1 VHS video  
Colour, 22 minutes

TR MAFF PH6/13 Heritage of Hops  
Film about Tasmanian hop farming  
Hops farm - young boy cutting bottoms off hop swags.  
Footage of hop buildings and farm, including early photographs of hop growers.

Segment on cultivation of hops  
Weaving hop plants trained up strings  
Scientific breed/variation selection (lab sequence), and  
fertiliser requirements.  
Hop cutting - cutting the long 'twines' down onto tractor  
trailers.  
Then unloading onto picking machine. Separating hops and  
leaves, conveyed to kiln. Packing for shipping.  
Directorate of Industrial Development and Trade, Tasmania,  
Australia  
Tasmanian State Film Unit

1 16mm film, 1 VHS video  
Colour, 18 minutes

TR MAFF PH6/14 Sheep Shearing  
Detailed instructional film of shearing a sheep and wrapping  
the fleece. Real-time live action, includes close-ups of how to  
trim fleece from different parts of the sheep and in which  
order.  
Part of series : "Farm Work. Livestock No. 1 SHEEP SHEARING"  
Live action demonstration; pen of sheep; preparing to shear:  
soaking twine then winding round nails on a fence; puts  
canvas down, checks tools; shows how to fit blades  
First sheep : gets sheep; shows how to hold  
Close-up of shearing stroke; starts on belly then legs  
Close-up; neck  
Close-up; back; finished shearing first sheep  
Cuts twine at one end; ties fleece; cleans fleece ends; bundles  
up wool  
Shears another sheep; goes back over key points of shearing  
United States Office of Education  
Division of Visual Aids US Office of Education  
A Calvin Production

1 16mm film, 1 VHS video  
Black and white 20 minutes

TR MAFF PH6/15 No title (Farm Tractor Safety)  
Part of the Farm Service Series  
Depicts types of accidents that involve tractors, e.g. hitching  
the trailer, carrying extra people, cranking and starting in gear.  
Importance of teaching tractor safety to children working on

the farm, at home and at school.  
Shot of landscapes with tractors; voice over - growth of  
tractors, the benefits of tractor power; family scene;  
Traffic and John Deere Tractor on road;  
Statistics of death rates on tractors;  
Goes through types of common injuries:  
Safety hitches;  
Extra people on the tractor  
Cranking and starting in gear  
Moving belts and pulleys;  
Tipping up when stuck in ditches  
Demonstrates tipping with a model tractor  
Rules for safety with captions and voice-over;  
Power take-off accidents;  
Catching clothing; use of a shield;  
Fuel accidents when re-fuelling;  
Danger from other traffic on roads, with statistics on  
accidents;  
Driving on roads at night;  
Engine factory footage - comparisons with accident rates of  
industrial worker  
Clippings from newspapers covering farmers accidents;  
Rural Safety movement  
Farm safety at school; children's education and learning safety  
from parents  
Richland County Fair; tractor driving by teenagers at country  
fair; prize-giving for competition, to delight of parents; strong  
"safe farming = happy families" message in both image and  
narration  
Produced through G. W. Colburn Lab., Inc.  
Producer Committee of Agriculture of American Petroleum  
Institute American Petroleum Institute USA (sponsor)

1 16mm film, 1 VHS video  
Colour, 20 minutes

TR MAFF PH6/16    **Servant of the People**  
Short dramatic film on what a member of parliament does;  
concentrating on one MP trying to change a Land  
Development Bill to protect the allotments of ex-service men.  
Credits; establishing shot, 26 July 1945, Attlee beats Churchill  
in election.  
Narration over scenes of suburban road; tells the story of an  
ex-soldier elected MP for the first time; shows him digging in  
his garden.

Asks what it is an MP does - shows his first day at Westminster: gets on train, then bus in London, arrives at Houses of Parliament. Shows Commons as it fills with MPs. Details of procedure for first days of new government. Shows Commons as it fills with MPs. Details of procedure for first days of new government.

Hansard and reporting.

MP at home at night answering letters to his constituents; Gives first speech; debate in Land Development Bill, 'Transcription' of speech about land used by ex-servicemen as allotments.

Selling land to local authorities at 1939 prices.

Produced and directed by Douglas, John O.

An Oldroyd Production

Haire, John (MP), actor

Snagge, John (narrator)

Douglas, John O. (original treatment)

1 16mm film, 1 VHS video

Black and white, 42 minutes

TR MAFF PH6/17

Beware of the Bull

Safety film about bulls in fields and their housing conditions.

With co-operation of S. Mouser Park Farm, Witney, and R.

Whiteley, Mount Own Farm, Low. Whitney, Oxon.

Live action; opening shot of warning sign; male voice-over children playing near field; toy plane flies over hedge; children go into cow field to retrieve plane, ignoring Beware of the Bull sign, they find a man hurt on the field. Man subsequently dies Bull shed in disrepair, old and untidy; Man goes in to feed bull and is hurt.

End credits

A Central Office of Information Film for Ministry of Agriculture, Fisheries and Food

British Films Ltd.

Mouser, S (cooperation of)

Whiteley, R. (cooperation of)

1 16mm film, 1 VHS video

Colour, 8 minutes

TR MAFF PH6/18

Tractor Follies

Safety film on tractor safety; showing scenes of different

accidents involving tractors, e.g. hitching and threshing.  
Shots of fields and tractors; lots of close-ups of tractors and tractor safety.

Scenes of different accidents involving tractors:

Hitching

Threshing

The use of guards

A Central Office of Information Film for the Department of  
Agriculture for Scotland

A Campbell-Hopper Films Production

1 16mm film, 1 VHS video

Colour, 8 minutes

- TR MAFF PH6/19 This Growing Business  
Film on the importance of sound business management practices in horticulture: planning for the future; investment in equipment and labour costs; marketing.  
Car arriving at NAAS; music soundtrack. Camera (handheld) goes upstairs to the office of the Horticultural Advisor, who speaks straight to camera, as if interviewing the 'viewer'. Scene alternates between live action and actors in an 'interview' set. Landscape of glasshouses (with voice-over); footage of fruit and tomatoes, strawberries; showing vegetable growing on an intensive scale, and the range of the trade, using hand labour. Meets with farmer.  
Animation sequence: Past Present and Future of horticulture. Including very short sequence where the animated farmer shoots himself in the head.  
Labour costs and mechanisation; labour shortage  
Marketing - selling through farm shops, green grocer, or increasingly through supermarket. Need to consider future planning  
Animation of cropping plan, and animated graphs.  
How to plan for the future, getting a loan from the bank.  
Ministry of Agriculture, Fisheries and Food  
Director Hopkins, A.E.C.  
A Central Office of Information film  
Helen Wiggins Film Ltd.  
Stevens, Brian (animator)
- 1 16mm film, 1 VHS video  
Colour, 17 minutes

TR MAFF PH6/20 The Farmstead in the Landscape  
How farms and farmsteads have developed in relation to the landscape  
Shots of landscape scenery; why farmsteads built in certain places - influence of nature and landscape; different types of building for shelter  
Thatching  
Design of buildings and available materials;  
Industrial revolution and machines to change landscape - despoiling nature with roads, railways and available materials. Large scale excavations and quarries.  
Building a barn using a steel-framed pre-fabricated building.  
End abruptly.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video  
Colour, 6 minutes

TR MAFF PH6/21 Making Baled Silage with a Limited Labour Force  
Film Shows silage being cut, baled, stacked and removed from silage pit and compressed in the pit using a tractor and three men, with captions  
Caption detailing film location of Manor Farm, Flockton, Wakefield, Yorkshire. A 100-acre holding, typical of farms in the West Riding.  
Caption detailing farmer, who is John Stott, who aims to make 200 tonnes of silage each year, using the baling method with the help of two youths.  
Opening scene of an unlined silage pit and farmer. A tractor and trailer reverse into the pit. The farmer loads the silage bales onto the trailer of the tractor, which is a converted harrow frame.  
Scene of the tractor entering a farmyard, tractor is reversed up to the doors of the cowshed, where a line of cows stand with their backs to the camera. The silage is unloaded by two labourers and fed to the cows.  
Scene of the trailer being demonstrated; it takes 20 bales and is an economical method of collection.  
Scene of a field with silage bales which are then loaded onto the trailer by one labourer, the average bale weighs 70lbs and a man is seen demonstrating lifting bales.  
Scenes of a field where silage is being cut and baled in one operation by a tractor and modified Massey Harris baler.  
Scene of a man examining the baler workings. The baler

makes 3-9 tonnes of silage per hour. Scenes of more baling. Scene cuts back to the farmyard with the tractor and trailer and silage returning to the silage pit, which has been lined with concrete for the new silage season. Scene showing bales stacked with strings across the pit. Three layers of bales are added at a time. The pit is heated to 100°F. Scene of a farmer checking the temperature with a probe. The pit is filled and consolidated each day. Scene of a pit with a tractor repeatedly driving over the silage bales. Scene cuts to the same layer of silage, showing it flattened.  
MAFF Yorkshire and Lancashire Province

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 16¾ minutes

TR MAFF PH6/22

#### Work Study - Cowshed

Shows milking of 6 cows by 1 cowman using machinery. A cowman, wearing white overalls and hat, enters a cowshed, 3 sets of milking machinery and a bucket of steaming water are on the cowshed floor. 6 cows are lined up, with their back ends to the camera. The cows are numbered individually from 1-6.

The cowman lifts the tail of cow 1 out of the way and washes its udders using the bucket of water and a cloth. He then milks the cow by hand, into a small pot for a second. A bucket hanging from above the cow's head is emptied in front of the cow, presumably containing feed; the bucket is hung back up. He turns the milking machinery on and attaches it to the cow. The same routine is repeated for cows 3 and 5. He cleans cow 4, then removes machinery from cow 3 and attaches it to cow 4. He cleans cow 2 and takes the machinery off cow 1 and puts it onto cow 2. He cleans cow 6 and attaches the machinery taken from cow 5 to cow 6. The cowman leaves the shed. Made for NAAS by the University of Bristol, Department of Agricultural Economics, produced by Technical Visual Aids Branch, MAFF

'Records made to provide facilities for practising stopwatch use in timing milk operations' source: Films on Agricultural and Horticulture a list prepared by the Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 8¾ minutes

- TR MAFF PH6/23 Immersion cleaning of direct-to-can milking equipment  
Part 1 shows immersion cleaning equipment used and describes the cleaning process. Part 2 demonstrates the process  
Part 1- The process described-Film shows a man demonstrating the milking equipment that needs to be cleaned. Scene shows the immersion cleaning tank used to soak the milking equipment between milkings. Film includes a recipe for making cleaning solution.  
Scene shows the milking equipment being disassembled and rinsed in hypochlorite rinse solution in a tank, which must be done before and after each milking before the equipment is loaded into the immersion cleaner. Scene shows milking equipment drained, rinsed and reassembled.  
Part 2-The process demonstrated, filmed at National Institute for Research in Dairying, Shinfield.  
Film shows the process being demonstrated by a man with two units to clean. Scene at 8.00am after milking, man rinses milking equipment in rinse trough and loads it into the immersion cleaner. He then cleans rinse tank out.  
Scene at 3.30pm the milking equipment is taken out of the immersion cleaner, rinsed in the tank. The milking equipment is reassembled and prepared for the afternoon milking.  
Ministry of Agriculture, Fisheries and Food Yorkshire and Lancashire Branch and National Institute for Research in Dairying, Shinfield
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 16½ minutes

- TR MAFF PH6/24 Twin Lamb Disease  
Film shows the causes, effects and prevention of twin lamb disease in sheep  
Scene of a field of Ewes, narrator explains twin lamb disease appears in sheep in the last 2 weeks of pregnancy. Scene cuts to sheep in September, when they are well fed from summer grass. Scene cuts to hungry sheep in winter, scene cuts to sheep in catch crop. Scene cuts to snow where sheep are unable to get at grass. Sheep survive by breaking down body tissues causing a toxic effect. Scene cuts to snow which hastens the condition by interrupting the food supply.  
Scenes of sheep affected by Twin Lamb Disease, including a blind sheep.  
Scene of a healthy sheep and two lambs.

Scene of a sheep being examined and dissected by vets.  
Scenes of internal organs, and dead lambs.  
Scenes of sheep grazing. Diagram of lamb in sheep,  
description of ideal feeding of sheep to prevent disease.  
Scenes of feeding sheep.  
Ministry of Agriculture, Fisheries and Food Health Division

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 6 minutes

TR MAFF PH6/25 Control of Foot Rot in Sheep  
Film shows the effects, cause and treatment of Foot Rot in sheep  
Opening scenes of sheep in fields, while the narrator explains the effects of foot rot on sheep including low milk yield, poor wool and failure of lambs to fatten.  
Scene of a vet in a field inspecting an upturned sheep's feet, with cows in the background.  
Scenes of a scientist, working at a microscope in a laboratory.  
Film shows a slide of the microbe that causes Foot Rot.  
Scenes of sheep running down a hill driven by two men, whilst the narrator explains danger areas for sheep to pick up Foot Rot and scenes cut to these areas including gate entrances, pens and crowded conditions.  
Scenes of the effects of Foot Rot in sheep including limping and being forced to walk on their knees through pain.  
Close up shots of infected feet.  
Scene of flock of sheep coming into a farmyard, driven by two men and two sheep dogs to take part in a planned eradication of foot rot from the flock. Scenes of sheep entering a specially prepared examination pen, with a hard floor and straw covering.  
Scenes of sheep being turned up and their feet examined individually, infected feet are pared and trimmed and each foot dipped in a container of antiseptic solution. Infected sheep are marked and the sheep are then driven through a foot bath to another holding pen. Parings are swept away.  
Scenes of the flock of sheep returning to a clean field (which has not had sheep on it for three weeks) and the same sheep returning to the farmyard a week later for another inspection. Less sheep are infected.  
Again the sheep return to a clean field, driven by sheep dogs and come back a week later for a final inspection. Three sheep are still infected and these are left in the pen whilst the rest of the flock are driven out into the farmyard for return to a field.

Scenes of close ups of sheep feet. Scenes of sheep flock in a field.

University Federation for Animal Welfare  
Cygnet Films

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 9 minutes

- TR MAFF PH6/26 Artificial Insemination of Pigs  
Film shows the method of collecting, diluting and storing semen and the insemination of a sow  
Scenes of pigs in a field, narrator describes how farmers with only a small number of sows find it uneconomical to have a boar.  
Scenes of pigs and piglets in a field and mating pigs.  
Scenes of cattle being inseminated.  
Scenes of the equipment and method and collection of boar semen.  
Scenes of boar semen in the laboratory being diluted and stored.  
Scenes of a sow.  
Scenes of the equipment for insemination being prepared in the laboratory. Scenes of the sow being inseminated. Scenes of pigs and piglets.  
Ministry of Agriculture, Fisheries and Food MacQueen Film Organisations Ltd
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 11 minutes

- TR MAFF PH6/27 Making baled silage  
Silage making on a large farm with extensive machinery and manpower  
May have been filmed at the farm of Mr A O Elmhirst, Houndhill, Worsborough Bridge, Barnsley, Yorkshire  
Scenes of large Tudor farm house and buildings, scenes of fields.  
Scenes of bales and a part baled field, tractors and vehicles with several people. Scenes of tractor and mowing. Scenes of silage mowing with an audience.  
Scenes of the internal workings of the baler. The baler working in field, some of the audience walk behind the baler. One man closely inspects the working baler. The whole audience

follows the working baler. One man tests the weight of the silage bale.

Each bale is loaded by two men, with pitchforks, onto a moving trailer pulled by a tractor.

Scene of empty concrete lined silage pit in the farmyard.

Scenes of an adjoining silage pit with some bales already stacked.

The tractor and trailer loaded with silage bales drives into the farmyard and reverse into the empty silage pit. A diagram of how to arrange bales is shown.

Lengthy scenes of the trailer of silage bales being unloaded into the pit by two men. As the stack reaches the top of the pit a woman can be seen sitting in a car behind them reading.

Scene of the men and the empty trailer.

Scenes of the adjoining full silage pit. Scene of 2 men weighing a silage bale. Scenes of a man demonstrating a finished silage bale.

Scene of a man emerging from a farm building pushing an empty trolley through a farmyard and loading bales from the silage pit onto it. Final scene of two men walking back across the farmyard to the farmhouse.

Ministry of Agriculture, Fisheries and Food, Yorkshire and Lancashire Province

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, silent, 13 minutes

TR MAFF PH6/28

Precision Drilling Saves Labour

Film shows the advantages and methods of precision drilling of Swede seeds to save labour

Gilbert L Evans, Newton Farm, Brecon [Wales] and Christopher Shepherd, Woodhouse Farm, North Hyton, Sunderland

Scene of a field of Swedes. Scenes of singling [thinning seeds out, so remaining plants have enough space to grow] by 2 men using hoes working up rows of Swede seedlings. Scene of a field of Swede seedlings spaced out. Narrator states that singling takes valuable labour away from other tasks.

Scene cuts to farmyard with tractor and load of hay being driven through a gate and unloaded into an open sided barn by 3 men. Singling clashes with hay making, and sometimes with shearing and silage making.

Diagram of usual method of sowing Swede seeds using machinery that sews too many seeds in each row, leading to higher labour hours. Diagram of precision drill machinery showing seeds spaced out at regular intervals.

Scene cuts to tractor ploughing a field in Autumn [Brecon Beacons]. Narrator states it is crucial to prepare the ground properly. Scenes of frost on the ploughed field. Scenes of a man demonstrating crumbly soil. Spring - scenes of tractors harrowing, rolling and fertilising the ploughed field. Scenes of tractor and machinery ridging the field for areas with heavy rainfall. Scenes of machinery drilling on a ridged field and a flat field.

Close ups of machinery working and demonstrating single seed method.

Scenes of graded seed being loaded into the drill.

Scenes of ridgework drilling. Scenes of precision drilled crops.

Close ups of crops: normal drilled crop; ungraded seeds spaced at 1½"; 4" spacing drilled at 4 mph; graded seeds 1½" spacing at 2 mph and graded seeds drilled at 4" at 2mph.

Scenes of a field with a farmer, and sheep eating Swedes, with part of the crop fenced off. Background scene of sheep demonstrating the fence is electric.

Ministry of Agriculture, Fisheries and Food, National Agricultural Advisory Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 7 minutes

TR MAFF PH6/29

Confusion Marks

Ward and Chowen, Auctioneers, Tavistock, Devon George and Cyril Abel, Goldsworthy Farm, Peter Tavy, Devon Mr W H Bellamy, Churchtown Farm, Peter Tavy, Devon

Film illustrates loss of money to fatstock producer by confusion marks on animals

Graphic of money disappearing surrounded by animal ears.

Scene of Tavistock Cattle Market dealing with the sale of fat cattle, lambs and sheep, pigs and store cattle.

Scenes of road in village with traffic and a livestock lorry going to the market. Scene of sheep and cattle being unloaded at the market. Cows being graded. The animal won't be accepted? [into the market?] if the Ministry [Ministry of Agriculture, Fisheries and Food] mark is obscured by confusion marks. Scenes of temporary acceptance marks being applied to a cow.

Pens of sheep being graded with owners and onlookers surrounding. Accepted sheep have paint marks on them, sheep in next pen are rejected and have different paint marks applied. Close ups of confusion marks.

Scenes of ministry mark being applied to a cow's ear. Scenes

and diagrams of marks applied to the left ear of homebred cattle and the right ear of pigs and homebred sheep. Diagrams of confusion marks. These can lead to rejection as may have been previously certified. Examples of typical confusion marks. Pens of sheep and onlookers again. Scene of a sheep having a flock mark made badly. Shot of cows ear with a large hole in it. Shot of sheep's ear with a mark made by a proper tool.

Scene of a flock of sheep in a field with a shepherd. Scene of sheep catching sheep and showing ear. Scene of cattle on a hill farm, and sheep.

Close up of tools to create private ear marks. Scene of a flock of sheep. Close ups of non-confusion ear marks. Scene of cattle marking. Scenes of ideal instruments. Scenes of the market, farmers and penned animals.

Ministry of Agriculture, Fisheries and Food, Fatstock Marketing Division

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 6 minutes

TR MAFF PH6/30

Mutton and Lamb: What the housewife wants

Film illustrates ideal type of home killed meat for the housewife consumer

Scene of butchers shop. Scene of flock of sheep in a field, with farmer and sheep dog. Pens of lean sheep with a farmer and butcher.

Scene of a high street showing people looking in the window of J & F Stone Television Centre. Narrator states that the housewife is the main consumer and wants lean, home killed meat at a cheap price.

Scene of butchers shop with a customer. Scenes of meat being weighed both lean and fat. Scenes of meat trimming. A lean carcass is demonstrated by butcher and then a fat carcass which will involve trimming. Scenes of animal heads compared for fat content.

Shots of meat joints in butchers shop, comparing high and low fat content. Scenes of housewife buying meat in shop.

Scenes of pens of sheep, and flock of sheep entering a field.

Ministry of Agriculture, Fisheries and Food, Fatstock Marketing Division

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6 minutes

TR MAFF PH6/31 Fowl Typhoid  
Film shows effects, prevention and cure of fowl typhoid  
Scenes of dead chickens. Chickens outside in fold units,  
chickens indoors in deep litter houses, broiler chickens, store  
yards and free-range birds. Fowl Typhoid can occur in  
chickens, but mainly free range.  
Scenes of dead chickens and chicks, and a dying chicken.  
Scenes showing symptoms of fowl typhoid.  
Packing up carcasses to go to be tested in laboratory.  
Incinerating and burying chickens.  
Laboratory, with bird being dissected and tested for fowl  
typhoid. Slides of the appearance of the disease.  
Scenes illustrating the precautions which can be taken to  
prevent fowl typhoid.  
Treatment of infected birds, vaccination of treated birds  
Cleaning chicken houses and poultry appliances  
Dying chickens and a flock of outdoor healthy chickens  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video  
Colour, sound, 7 minutes

TR MAFF PH6/32 Milking Parlour's: The Herringbone  
Film demonstrates the Herringbone Milking Parlour  
Scenes of Friesian cows in an exercise and feeding yard, prior  
to milking using the Herringbone Parlour. Cowman lets cows  
through to parlour.  
Model of Herringbone Parlour layout and its uses illustrated.  
Two covered yards, keeping high and low yield cows separate.  
Models of cows coming into parlour and waiting to be milked.  
Scenes of live cows in the parlour. Feed is allocated to each  
cow and delivered by an overhead pulley attached to a  
hopper. Cows washed before milking, fore milking and milking  
machinery is attached.  
Scenes of the parlour empty and its features demonstrated.  
Scenes of cows once more in exercise and feeding yard.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video  
Colour, sound, 8 minutes

- TR MAFF PH6/33    Lead Poisoning in Cattle  
Lead poisoning in cattle, symptoms, prevention and causes  
Scenes of farmer and cows in a farmyard. Dead calf in a stable.  
Vet performing a post mortem on the calf in laboratory.  
Removal of sections of liver and kidney for analysis. Vet  
analysing samples.  
Vet pulls up in car into farmyard and is met by farmer. Vet  
takes blood and faeces samples from calf in a stable.  
Scene of laboratory checking for lead poisoning. Test tubes  
showing lead poisoning.  
Farmer and vet enters stable to try and treat calf, which is not  
always successful. Vet leaves farm.  
Prevention is better than cure. Workmen are seen mending a  
gutter and painting farmyard gates. Cows examining rubbish  
in farmyard, as they are curious animals. Calves in stables are  
bored. Hazards of lead painted door and whitewashed walls  
are shown. Gutter mending is potential hazardous because of  
white and red lead and the oxides contained. Paint is  
dangerous as it contains carbonates. A workman throws pot of  
paint over gate and is told to retrieve it by the farmer.  
Rubbish heap near farmyard is examined and old paint pots,  
wood, painted lino, car and tractor batteries are removed.  
Calves in stable, with an ill calf shown, symptoms outlined.  
Rubbish clearing and correct use of non-lead paint. Scenes of  
healthy cows in a field.  
Ministry of Agriculture, Fisheries and Food
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 minutes

- TR MAFF PH6/34    Milking Routine in the Parlour  
Film shows routine of milking in Herringbone Parlour to save  
time  
Filmed courtesy of Mr J E R Wyndham and Leconfield Estate  
Company  
Cows in a barn, cowman enters and lets cows out of barn.  
Empty Herringbone Milking Parlour (8 stalls, 4 units). Cowman  
in parlour preparing it for milking.  
Cows collected from feeding area (barn), and tightly packed  
into collecting yard. Cows enter parlour stalls to be milked in  
batches on raised standing. Cowman uses pulleys to feed each  
cow as it stands waiting to be milked. Cowman washes cows  
from bucket hanging in pit. Uses strip cup then attaches  
milking machinery. Once cow has finished milking machinery  
is attached to another cow in the batch. Milk recorded on

sheet. Cows let out. Once last batch had been milked the machinery is circulation cleaned.  
Diagram of herringbone parlour, with statistics relating to use of it. Scenes of milking.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5½ minutes

TR MAFF PH6/35 The Farmer and his Bank  
Film showing the role of NAAS and Midland Bank in helping improve the farm of John Bartlett (possibly in Kent)  
Film is narrated by a Midland Bank Manager. Two men walk down a country lane, vehicles drive down lane heading for a NAAS (National Agricultural Advisory Service) farm walk. Farmer John Barlett is in one vehicle and the vicar in another. Vehicles arrive at a farmyard. Farmers, possibly from YFC (Young Farmers Club) are sitting on straw bales listening to the farmer Mr Elphinstone and the NAAS district advisory officer talking. Cuts to silage heap and the audience leave to walk the farm. Narrator states it is a good farm.  
Scene of John Bartlett making an appointment with the NAAS District Advisory Officer to come and view his farm. A few days later the NAAS man arrives at John Barlett's farm. The two men walk around the farm looking at the land, crops, pigs and Jersey cattle. In the farmhouse kitchen they discuss his recommendations with Mrs Barlett present. Mrs Bartlett goes out to feed chickens. They all discuss putting in a crop of Kale, having short leys, building a silo for silage, 30 acres are to be devoted to it, increasing the herd to 50 Jerseys, buying a tractor and machinery and getting rid of the pigs. Therefore cutting feeding costs of the cattle. NAAS man states farmer can get grants for ploughing up land and towards the silo but he should approach his bank and get a loan for the rest.  
Street scene and John Bartlett enters Midland bank to consult the manager. They go through the plans the NAAS man has drawn up for John Bartlett and outlines what he wants the money for. Bank Manager agrees to give him a loan of £3000. Bank manager advises him to go to a farm sale.  
At the farm sale and audience sits in a grandstand in a barn made of hay or straw bales, whilst cows in pens are sold by auction. John Barlett, his bank manager and Mrs Bartlett are at the sale. John Bartlett buys some Jersey cows. A man taps him on the shoulder and tells him his has made a good buy.  
Cows are unloaded at the Bartlett Farm. A [new?] Massey

Ferguson tractor is unloaded, the silo foundations are started, grass is ploughed up, pigs are loaded onto a trailer. John Bartlett visits the bank. Scenes of cows in a field. ICI fertiliser being applied to the land, silo still in progress, harrowing grass, machinery unloaded. Field of grass [about to be made into silage?] NAAS advisory man and the bank manager arrive to see the improvements in the Bartlett farm. These include increasing the number of his herd of milk Jersey cows, acquiring a bull, grass improved, silage clamp, with tractor consolidating it. Back to grass being mown and collected. The NAAS man and bank manager wave to John Bartlett and walk away over the field.

A Verity film presented by Midland Bank and made in cooperation with Film Producers Guild.

Written and produced by Oswald Skilbeck

Directed and photographed by William Pollard

Edited by Bill Megarry

Sound recorded by Ron Abbott

Bank Manager played by Mr R F Dollard, a branch manager of Midland Bank

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 19½ minutes

TR MAFF PH6/36

Wood Pigeon Nest Destruction

Shows the control of wood pigeons through the destruction of nests

Flocks of wood pigeons on crops. Dead wood pigeon pulled apart and contents of it shown. Wood pigeons being shot. Ploughed field from earlier in the year are shown when only a few birds are breeding. Shows damaged eggs and dead young of early breeding birds. Shows contents of dead birds crop. Breeding places including tall, untrimmed hedges, conifers and scrubby woodland which are shown. Nest heights usually 15-20ft but can be found lower or on the ground. Nests shown as platforms in v shaped branches.

Shows nest destruction. Nests destroyed at right time with a long pole. Destruction should be systematic and a diagram is shown of this. Demonstrates metal pole to be used. Shows nest destruction and killing young, which should be done humanely. Diagram of timing of nest destruction.

Two men and a van from a rabbit clearance society are shown. A Leaflet shown 'Wood Pigeon - A New Method of Control'. Wood pigeons are shown being shot as nest destruction is complementary to shooting.

Added sequence at end of film stating metal poles should not be used as after the film was shot someone was killed. Only approved poles should be used and rabbit clearance societies would only get a grant if they used an approved pole.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 7 minutes

TR MAFF PH6/37

Managing Dairy Cows in Straw Yards

Film shows the use of an integrated straw yard for milk cattle Cows lying down indoors in a barn like structure. Exterior of building.

Cutaway diagram of the straw yard shown, with bedded area, feeding area, milking parlour, collecting area, summer exit, cattle crush, storage area for feed and feed concentrate area, above parlour.

Shots of straw yard showing empty bedding area and petitions. Cows shown in feeding area with mangers and water supply. Tractor and load of straw bales driven into yard and bales unloaded. A layer of bales is added to the floor and the strings removed. Fresh straw is thrown over the bales once the cows have used it. Concrete surface of feeding area is shown being cleaned by a tractor and straw bale.

A badly designed straw yard is shown, leading to dirty cows.

Diagram of integrated yard and parlour system is shown which leads to clean and contented cows.

Ministry of Agriculture, Fisheries and Food

Filmed by permission of Mr J E R Wyndham Leconfield Estate Company

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 6½ minutes

TR MAFF PH6/38

Modern Silage Making - The Case for Cold Fermentation

Film shows the process of cold fermenting of silage and the advantages over heating up method.

Scene of a cricket match. Jim Ferrier, scoring match and Charlie, player are seen apparently discussing silage making.

Cuts to silage on Jim's farm; finished silage is being cut out of silage pit. Nutritional quality of silage will only be noticed through milk yield. Friesian cattle being taken in for milking and feeding.

Cricket match Jim and Charlie discussing lack of nutrients in silage. Jim draws a diagram on the score sheet showing a silage pit. Silage Charlie makes is not good. He uses heating up method, whereas Jim uses cold method and gets good results. Diagrams of temperatures of different methods. Levels of protein go down if temperature is too hot.

Thermometer is seen in silage and Charlie is seen watching the weather for when to cut his grass to make silage. Diagram of crop getting older and less nutritious. Scene of feed bills and ashtray of smoked cigarettes to illustrate high cost of buying in supplementary feed for cattle when silage quality is poor. Cattle in feeding yard shown.

Cricket match, David is introduced. His silage is very poor. Scene of his cottage and wife. Narrator states his wife smells something strange and his boots are thrown out of an upstairs window. Bad silage turns out to be the cause of the smell.

Shows the greasy silage. Diagram of bacteria in silage.

Cricket match. Jim states right amount of additives needs to be added to grass to get successful silage. Diagram of amount of silage made each year.

Scenes of [Spanish?] ship in a dockyard. Bags of concentrate cattle feed are unloaded, illustrating the high cost of silage failure as expensive imported feed has to be bought.

Grass fields on Jim's [cold fermentation method]. Tractor with grass cutting machinery [Lundell] is blowing cut grass into a trailer pulled by another tractor, driven alongside.

Silo - additive is spread directly onto concrete floor of silo. Shows drain in concrete floor.

The tractor enters farmyard and unloads a crop of grass directly into the silo, which is then spread by hand by man with pitchfork. Silage then consolidated. Additive is sprinkled over the top of the 6-8" layer and repeated until the silo is full. Tractors consolidating, cutting scenes and more silage delivered. Caterpillar tracked tractor consolidating. Double ration of additive added to final layer. Sealed on the same day with polythene and 1 ft of soil or lime on top.

Cricket scene. Diagram of additives [Kylage] to cold pressed silage. Calcium Formate, Sodium Nitrite and organic activator. Cricket again.

Scenes of additive added directly to the grass via a hopper (Kylator) attached to the cutting machinery as it is cut and blown into the trailer. Kylator machinery close up. Medal won by the machinery.

Winter: silage is put out into the field for cattle by a man standing on a trailer pulled by a tractor. Man getting silage from pit, smelling silage and cows eating it. Silage clamp silo

with sides, tower silo and pit silo shown.  
Scenes showing development of silage making. Collecting by hand with a pitchfork, then collected by green crop loader machinery, buckrake attached to tractor, forage harvester, full chopping harvester, self unloading trailer. Close up of Charlie, narrator stating should grow a good crop, cut it at the right time, consolidate it, not overheat it and do as the film says. At the end of the cricket match Charlie, Jim and David walking into pub, with pub sign 'The case is altered' [possibly in Middlesex]  
Ministry of Agriculture, Fisheries and Food Pan Britannia Industries Ltd  
Possibly sponsored by Kylage  
Produced by Stanley Schofield

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 19½ minutes

TR MAFF PH6/39 Queen Substance; Part 1 The Discovery of Queen Substance  
Film shows the story of Queen Substance at Rothampstead Experimental Station and the experiments carried out  
Queen bee being tended by other worker bees. Shots of queen cells. Bees will only make cells into queen cells when they have no queen.  
Beekeepers/scientists wearing protective bee hats, in a field with several bee hives. Blowing smoke over hive. Take the layers of the hive off and examine the frames. 50 000 bees in a hive. Bees know the queen is there.  
Shows bees licking the queen bee and passing it on to other bees. In 1952 Dr Butler starts experiments to find out how the bees know she is there. Beekeepers in field again taking away a queen from hive close up of queen which is put in a matchbox. Hive soon knows and is anxious.  
In a field 2 beekeepers/scientists and Dr Butler? Three nucleus boxes are lined up in a row. One has a queen, two have no queen, but have queen cells. Bees from the hive with the queen are transferred into one of the hives with only queen cells. The remaining hive is the control. The hive with bees transferred did not try to hatch a new queen. Close up of queen cells begun in the control hive.  
Another experiment is shown with a wire divider between two halves of the hive, to ensure it was not an odour the queen gave off. Bees again know the queen is there despite the fact she is confined to one section. Experiment relating to amount of food in the hive.

Experiment with a division board is shown with a queen through the middle so half the hive has her head and half have the other end. No sign of queen cells the whole body produces queen substance.

Queen in hive surrounded by worker bees. Experiment showing queen bee with her legs tethered so she can't spread queen substance over herself. As a result bees lick it all off. So they made queen cells.

Experiment with a caged queen in a revolving drum spending certain amounts of time in two brood chambers. No cells built. Close ups of machinery.

Laboratory - queen substance was discovered on body of queen. Shots of queen bees, sent in by beekeepers from all parts of the world, to isolate queen substance. Shows apparatus used. Liquid shown from 100 bees. Shot of bees recognising queen substance in a small jar.

Abbott Film Productions

Distributed by Taylors of Welwyn

Told by C P Abbott

Technical advice Dr Colin G Butler

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound 13 minutes

TR MAFF PH6/40 Queen Substance; Part 2 The Measurement of Queen Substance

Film shows further experiments into the origin and nature of Queen Substance [at Rothampstead Experimental Station] Two men in a laboratory designing small Perspex boxes or mini hives testing for bioassay. Narrator states that a thin film of something had been found on queens but what was it and how did it work on bees. Shots of bees in a small box and men working on them. Boxes have food and water shots of this and test tubes with queen substance in. Small boxes prepared and shown.

The two men carry trays of small bee boxes outside to the hives in a field. Smoke over hive and men look for queen on honeycomb, and put it to one side. Brood combs are selected and the bees shaken into a box. The box is put on the top of the hive, the men then gather them in a measure and shake them into the small boxes.

In the laboratory 36 dead queens are prepared by emptying them out of an alcohol solution, draining them, and wiring them to small combs. Solutions of queen substance are prepared. Bees are soaked in solution in test tubes. Three

different strengths are used. Two men bring 2 trays of bees into laboratory. Small boxes full of 150 bees each are bought to the laboratory and combs with the dead queen inserted. The boxes are then put in an incubator.

Close up of bees and queen. Small boxes on a tray are removed from incubator; scientist takes bee larvae from a honeycomb and places it in small bee box comb. Close up of larvae. Larvae becomes a worker or queen depending on what the bees feed it. Comb placed back in small box and into incubator.

Scientists go home for the night. Next morning examine each one. Results enable synthetic queen substance to be made. Small bee boxes are taken back to the hive. Scientist pins a piece of paper over the feeding hole so the bees have to eat it to get back in the hive, this prevents fighting as the bees may smell different. Few combs are put on top of hive for bees to cluster on.

Laboratory; a close up of queens head, with mandibular gland in is shown. Head and body are tested separately to establish where queen substance comes from. Head is dissected under microscope, close up of mandibular is show producing queen substance.

Abbott Film Productions

Distributed by Taylors of Welwyn

[Told by C P Abbott]

[Technical advice Dr Colin G Butler]

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound 14 minutes

TR MAFF PH6/41

Poultry on the General Farm

Film shows selection and rearing, housing, management and feeding of poultry on farms

Farmyard with farmer carrying baskets to out to a field of free ranging chickens with housing. Narrator states this farm has only 80 eggs per bird per annum and scene cuts to farm which has 140 eggs per bird. Planning and good management.

Selection and rearing - scenes of a chicks being packed into cardboard boxes for transportation to farms.

Brooder house being prepared. Floor covered with litter, peat moss in this case. Hovers kept at 90°. Farmer takes day old chicks to the brooder house and tips them gently out of cardboard box and pushes them under the hover. Hover lid lifted and chicks rearranged. Shows another type of brooder raised off floor with a wire floor and restricted run space.

Farmer in a field transferring chicks to fold brooders outdoors (3-4 weeks old). Also have hovers. Farmer transfers them to range houses. Chickens shut in for first day given a run for first few days. Farmer then takes wire run away to allow full range in the field. Woman takes three month old chickens taken to the laying units and puts them in.

Housing - chicken houses in fields with free range chickens. Shows slatted floor colony house, solid floor colony house, fold unit and fixed house. Slatted floor colony house shown inside and out. Horse pulling it. Solid floor colony house shown inside and out. Tractor pulling it. Litter on floor of house. Fold unit shown with chickens in enclosed pen. Unit moved by a man and carriage, daily. Fixed house shown inside and out, with supports shown underneath, shows one wired off in field from other stock while chickens roam in and out. Intensive conditions shown, broilers in cages, man feeding them chickens confined to outbuildings on the floor.

Management - Shows cleaning of chicken housing, scraping down, scrubbing, creosoting, boards soaked in pond with cattle watching. Nest boxes cleaned.

Late afternoon eggs collected by a man with a wicker basket. Takes a broody hen out of the fold unit and puts it in broody coop. Inspects birds to get rid of inferior birds. Man illustrates good and bad bird.

Feeding - Two men in a farmyard discuss feeding, [probably County Poultry Officer]. Essential ingredients and amounts of feed shown. Types of feed farmer can grow shown, effected still by wartime rationing. Machinery in barn shown [Kimbell], oats in bag, maize, mixing chicken food shown. Wet mash mixed. Water filled in field. Day old chicks fed on cardboard and then hoppers. Chickens shown being fed in field. Grain scattered. Film recaps main points.

Central Office of Information for Farmers

Trident Films Ltd

Technical adviser I W Rhys

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 18¾ minutes

TR MAFF PH6/42

Milking and Herd Management

Film shows efficient use of manpower to enable more cows to be kept for milk.

Cows in a field coming in for milking. Narrator states there is a need to increase production of milk.

Cows come into the yard and then into a herringbone milking

parlour. Cows have different coloured tail bands according to the ration of feed they are to receive. Cowman turns dial on a machine according to the colour to on the cows tail.

Fore milk taken by cowman wearing gloves, who then spray washes udders and dries them with individual paper towels. Connects cows to milking machinery. Collecting jars are low level. Teats are dipped after milking when cluster removed.

Cows let out of parlour.

Cleaning of the milking machinery done with acidified boiling water. Bulk milk tank cleaned automatically. Parlour is hosed down by power hose. Tractor and scraper remove slurry and put it in slurry pit and spreader.

Film shows that mechanisation enables the cowman to concentrate on other duties such as looking after calves, keeping breeding charts up to and maintaining accurate records. Film recaps points.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6½ minutes

TR MAFF PH6/43

Safety and Circular Saws

Film showing wrong and right way to handle circular saws  
Circular saw shown in a outdoor yard. Narrator states there are 150 accidents per year in England and Wales.

Jack Shaw enters yard and shows his hand which has had all the fingers cut off in a circular saw accident. Yard is shown to be badly set up with logs and branches all over the floor and saw bench with no guards. Jack Shaw demonstrates the belts are also unsafe. A young man turns up to use the saw and Jack Shaw stops him. It is against the law for under 16's to use circular saws.

Scene cuts to a properly set up saw in a yard. Timber is stacked neatly. Man demonstrates the drive belt is good and guards are attached to saw and attaches drive belt to tractor.

Demonstrates blade is correct. A young man arrives whilst he is sawing; he refuses to be distracted and stops the machinery safely. The young man cleans the yard and then is shown how to use the machinery safety first sawing logs and then a plank using a push stick. He oils the machinery and they clear up. He holds up his hands to show he still has all his fingers; film cuts back to Jack Shaw holding up his hands to show he hasn't. The two men in the yard walk off.

Ministry of Agriculture, Fisheries and Food Safety Inspectorate  
Visual Technical Aids Branch

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound 6 minutes

TR MAFF PH6/44    **The Coypu**  
Film shows damage caused by Coypu, how to identify one and what to do about it  
Coypu is shown in a river. Crop damage is shown. Riverbanks damaged and undermined, caved in burrows shown. Subsidence of marsh roads. Man gets in a hole waist deep to demonstrate this.  
Rural life is also damaged. Reed beds are shown, number of reeds for thatch are reduced and marshland birds are threatened.  
Cages of coypus shown. MAFF licenses are needed to keep them.  
Coypu is shown close up. Features are shown. Damage they cause is shown. Runs, footprints and droppings shown leaves and stems of plants floating in water shown. Swimming paths shown.  
Show traps and two men from the Beccles and District Rabbit Clearance Society are shown getting traps ready.  
Map of England and Wales shown with distribution of coypus. Nests and burrows shown. Frostbitten tail shown.  
Traps shown with a diagram of how they are used. Moored and baited raft shown being baited by a man in a boat.  
Trapped coypu shown being despatched with a small handgun.  
Ministry of Agriculture, Fisheries and Food Technical Visual Aids

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 9 minutes

TR MAFF PH6/45    **Mechanisation of Silage Feeding**  
Film showing use of machinery in feeding silage to cows  
Caption states the method shown enables two men to feed 45 cattle in an outlying yard in 30 minutes.  
Cows lined up at a semi circular manger in snowy field being fed. Straw bales used as a manger, scaffold tube stanchions with straw bales and wire as walls for a windbreak. Cows feeding from a crib used to hold feeding straw or hay.  
Silage clamp close to yard. Two men cut silage into blocks

which are collected by a tractor with a fore end loader and carried to the nearby manger. Silage then spread by two men with pitchforks along the manger whilst cows eat silage. Extra silage unloaded by the manger for weekends and holidays. Silage is loaded on a pallet and then picked up by a buckrake and tractor for further away fields. And loaded directly onto buckrake from fore end loader. Loaded onto trailer, trailer pulled away by fore end loader with silage.

Ministry of Agriculture, Fisheries and Food

Filmed at the farm of Mr C Taylor, Peachcroft Farm, Radley, Abingdon, Berkshire

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, silent, 9 minutes

TR MAFF PH6/46

#### Making Grass Silage

Film shows how to make good silage using different sorts of silos and clamps

Man on trailer pulled by a horse in a field forking silage out to cattle. Shows grass from which silage is cut at 8-10" high.

Tractor cutting silage with a cut lift. Lifts silage into the trailer, where a woman [Women's Land Army?] is forking the grass to the back of the trailer. Full tractor and trailer into farmyard.

Tractor with mower cutting silage. Man sits on the mower.

Men then load cut silage onto trailer, woman is driving the tractor and another is on trailer forking silage into position.

Men mowing edges of field containing nettles and weeds.

Weeds loaded on trailer for bottom layer of silo or clamp.

Silos shown: sisal, craft, wooden, concrete and corrugated iron.

Nettles are thrown into a concrete silo where women with forks put them into place. First layer of grass is then added.

Clamp silo is shown, tractor and trailer drive into clamp and unloaded by a man and woman. Fordson tractor drives over it and people tread the sides down.

The molasses mixture is prepared, a man takes 1/3 of a bucket of molasses is taken from a drum and poured into a scuttle, then adds 2/3 of a bucket of water and mixes it with a shovel.

Mixture then poured into watering can and applied to the clamp. Another watering can is handed into concrete silo and mixture applied whilst silage trampled. Thermometer inserted.

The next day a woman checks the thermometer in the silo and a man puts his hand in the clamp to gauge temperature.

The Clamp is finished by a layer of weeds and poor quality

grass, straw and then earth, spread over by two men. The silo has the final layer added and is trampled down. Concrete slabs are placed over the top of the silo which is finished by thatching.

Man is digging finished silage with a hay knife and forking it onto a waiting horse and cart. Close up of good silage. Horse and cart go into a field, cows follow and are seen eating the silage.

Ministry of Information for the Ministry of Agriculture  
Director Margaret S Thompson [1910-2005]

Camera A E Jeakins

Commentary J B Holmes

A Realist film unit production

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 10 minutes

TR MAFF PH6/47

Ditching

Film shows ditching by hand by two men

Two men display their ditching tools and prepare to ditch, Bill Russell and Frank. Bill cuts along the side of the ditch, sloping slightly. Frank shovels earth from the bottom of the ditch, Bill shows him how to do it properly throwing the earth further away and spreading it out. Bill loosens the earth at the bottom of the ditch and Frank shovels it out.

Diagram of mole or tile drains across a field shown. Drainage plan of Queens Allotment, Haincault, Essex 1857 shown. Old documents showing location of drains.

Ditchers find an old mole or tile drain and clear it out. Bill fences a hole in the hedge with stakes and thorns woven through it. Bill and Frank stop for lunch and sit and eat a sandwich.

Gang laying drain pipes and mole draining machinery shown at work.

Lunch over Bill and Frank carry on. They level the bottom of the ditch. An old culvert is dug up and the old pipes removed. New culvert pipe fitted and a headwall is constructed. Filled in and trodden firm. Shot of completed culvert.

On the pasture side Bill and Frank put up a stand of barbed wire to keep cattle out.

Bill and Frank make a watering place for cattle, sides are cut out to form a bay. A sill is put in using branches and stakes and a layer of hardcore is spread over the ground. A strand of barbed wire is put across the stream to prevent cattle straying up it.

Mechanical excavators digging a ditch are shown with land girls trimming and grading. As an alternative to when good men may be in short supply due to the war.

Ministry of Information for the Ministry of Agriculture

Director Margaret S Thompson [1910-2005]

Camera A E Jeakins

Commentary Roy Hay

A Realist film unit production

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 10 minutes

TR MAFF PH6/48

How Plant Breeding Helps the Farmer

Film shows scientific breeding of cereals, grasses and root crops

Shots of scientists in test fields. Narrator states main aim is to increase yields, ripening times and improve disease resistance.

Main centres of Edinburgh, Aberdeen, Glasgow and Ayer.

Cereals

Good healthy crop shown, lodged [fallen] crop shown. Scene of four farmers scything lodged crop. Experimental field trials showing different crops. New varieties shown.

In the laboratory cross-pollination of oats is shown. Close up of technique used. F1 first generation oats shown in field with protective box surrounding them. Man inspects F2 and later generations.

Threshed in field, plant growth compared, selections shown close up, sheaves labelled, grains examined. Grains are dusted with a powder to reduce leaf stripe in oats, by machine.

Machinery shown.

Grasses

Field of test grasses shown. Pots of grass, pollination shown.

Trial areas of upland [Scotland] shown with cows, trial glen grazing areas shown. In a laboratory grass is weighed.

Root Crops

Harvesting potatoes with machinery with women waiting to collect them, close ups of potatoes. Close up of blighted potato plant. Healthy plant. Plant with leaf roll and mosaic disease. Grafting diseased sections of potato plant to healthy ones. Testing diseased varieties. Mexican and South American varieties shown. Field of potatoes shown. Man inspecting swedes or turnips. Diagram of food and water needed by plants. Clubroot disease of turnips and swedes shown. Recap on testing work.

Central Office of Information Department for Agriculture,

Scotland

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15 minutes

- TR MAFF PH6/49 Dissection for Accarine  
Film shows how to dissect a bee to diagnose accarine and what equipment is needed  
Beehive with dead bees outside. Dying bees unable to fly known as crawlers. Accarine is the cause.  
Dade is introduced in the laboratory, showing equipment needed to diagnose accarine. Including cork, penknife, forceps, spot lamp and Microscope.  
Bees in a matchbox shown still alive. Dade kills them by inserting blotting paper dipped in chloroform into the matchbox.  
Mites get into bees breathing tubes and drink their blood, killing them. Diagram of bee showing how this happens.  
Bee is pinned to cork on its back, close up of bee. Diagram of this. Bees head is pushed off by penknife and examines, diagram of this. Black spots in the trachea indicate accarine.  
The bees collar is taken off under the microscope. This is done to two bees. Diagram of collar, collar under microscope showing staining typical of accarine. Dead hive again.  
Abbott Production  
Diagrams and commentary by H A Dade  
Introduction and photography by C P Abbott
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 12 minutes

- TR MAFF PH6/50 Safeguarding the Milk  
Film shows Ministry of Agriculture, Fisheries and Food Milk Officer offering advice to a farmer who has had his milk rejected. Shows milking systems in several farms in Berkshire, Buckinghamshire and Hampshire  
Ministry of Agriculture, Fisheries and Food headquarters shown. Milk Officers office shown where Mr Hayward is taking a call from Mr Rawson who has had his milk rejected. Hayward consults map and leaves MAFF in a Morris Minor to visit Mr Rawson's Farm, Long End Farm.  
Hayward enters farmyard and puts on his white coat. He goes to the farmhouse and is met by Mr Rawson.

In the creamery a platform examiner sniffs each churn as it arrives and removes a suspect churn for testing. A laboratory assistant takes samples for the churn and tests them in the laboratory. It is found to have too much milk souring bacteria. Mr Rawson and Mr Hayward in Rawson's wash room. Shows his milking equipment and buildings. Limescale on his bucket harbouring stale milk.

Horndean Farm milking parlour, only built a few years ago is shown inside and out.

Rawson's milking area shown, his cows, muddy from the yard outside, come in and are washed.

Milking facilities at Short Acre farm are shown, which is a new building. Tandem milking parlour demonstrated. Types of cooling systems shown. Milk collected by tanker. Churns are seen awaiting collection at roadside with no protection from the sun and others with a thatched shelter.

Types of milking parlours shown - abreast, L-shaped, 2 level, herringbone and movable bale.

Cleaning milking equipment shown in parlour and in wash room.

Hilltop Farm shown. Old farm, like Rawsons, but modern cow shed with bucket type milking. Cow cleaned, fore milked and cluster put on. Milk tipped into central churn. Milking equipment taken for washing. Clean equipment hung up to dry. Film recaps main points about good buildings that are easy to keep clean, washroom, effective cooling system, milk cool on leaving farm and clean equipment.

Mr Rawson and Mr Hayward shake hands as he leaves.

Central Office of Information for Ministry of Agriculture,  
Fisheries and Food  
Film Workshop Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 20 minutes

TR MAFF PH6/51

Meeting the Challenge

Film shows the application of modern methods by growers to produce quality produce for the consumer. Film aimed at the producer.

Wholesale market scene. Woman at grocers stating she would like consistency, woman at florists stating she likes quality and woman at supermarket stating she likes value.

Tomatoes in packing factory. Tomato plants in a greenhouse. Shows defects of different older greenhouses.

Modern greenhouse shown with oil-fired boiler and centrally

controlled feeding. Picking flowers in greenhouse.  
Another grower has installed fans.  
Greenhouse shown being disassembled. Moves to new site  
and rebuilt. Construction scenes. Advantages of new  
greenhouse shown.  
Wide span green house shown. Access platform shown as  
plants are allowed to grow high. Greenhouse with lower roof  
shown, where plants are layered. Picking cucumbers shown at  
Pollard Nurseries Ltd.  
Shenley Nursery - seedlings being grown.  
Two men at another nursery shown pricking out seedlings.  
Growing room shown in a modern greenhouse.  
The Electricity Council

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 20½ minutes

TR MAFF PH6/52 No title [relates to problems with lambing]  
Film shows sheep, lambing problems, dead lambs and post  
mortem of lambs  
Sheep in farmyard in winter. Farmer with horse and cart in  
background.  
Sheep pens made from straw and gates to form a lambing  
area.  
Dead lambs shown and sheep ill and dead after lambing.  
Flock of sheep feeding in farmyard.  
Sheep with lambs.  
Sheep penned in farmyard. Vet and farmer enter and take  
inject sheep twice and take samples from another sheep.  
Dead lamb taken away by vet and post mortem is performed.  
Lambing pen.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 9 minutes

TR MAFF PH6/53 Scrub out Scrub  
Film shows advantages and methods of clearing scrub  
Filmed in Wales (Ceredigion?)  
Fields with hilly areas covered in scrub. Scrub shown. Men and  
terriers dig up and gas rabbits, whose population is increasing  
after a Myxomatosis outbreak.  
Scrub being cleared by a variety of machines, including a

bulldozer. Debris burned. Dingle of steep sided valley is fenced. Cliffs and sea shown. Heath land and common land shown. Rides are cut through.  
Llanarth and District Rabbit Clearance Society Landrover shown, men load it and terriers run around.  
Bulldozer shown removing hedges and banks. Three fields amalgamated and 15 fields made into 4 fields.  
Film recaps.  
Ministry of Agriculture, Fisheries and Food local officer inspects scrub on a farm. Film recaps again. Field shown.  
Ministry of Agriculture, Fisheries and Food, Infestation Control

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 8 minutes

TR MAFF PH6/54 Ware Potato Storage Field Operation  
Film shows potatoes harvested in a variety of methods to minimise damage  
Harvesting potatoes. Close ups of potatoes.  
Earlier in the year sowing potatoes correctly.  
Variety of machines shown harvesting potatoes.  
Ministry of Agriculture, Fisheries and Food Advisory Services

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6 minutes

TR MAFF PH6/55 Ware Potato Storage General Principles  
Film shows the correct storage of potatoes  
Truck loaded with sacks of potatoes leaving a barn.  
Potatoes being graded and bagged indoors, outside and at night inside.  
Truck returns empty. Straw used for clamping.  
Diagram of advantages and disadvantages.  
Clamp storage shown. Types of buildings used for storage.  
Adaptations shown of existing building to potato storage.  
Preserved potatoes shown.  
Ministry of Agriculture, Fisheries and Food Advisory Services

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5 minutes

TR MAFF PH6/56 Couch Suppression with Gramoxone  
Film shows the use and effect of Gramoxone [Paraquat]  
pesticide on couch grass  
Film opens at Agricultural Research Council Weed Research  
Organisation, Begbroke Hill. Trial grounds, inspecting Couch  
grass, close up.  
Diagram of how it grows, how to identify it, types, growth  
rates, what it does after harvest, how to cut it and which  
stages to spray at.  
Harvesting scenes John Deere machine, baling with Massey  
Ferguson machine.  
Showing stubble burning. Cultivation. Couch growing,  
spraying from a Landrover and again couch growing two-three  
weeks later. Seed drilling. Scenes of a healthy crop and  
untreated part of a field. Harvesting again.  
ICI Plant Protection  
Millbank Films Ltd  
Animations by Stewart Hardy Films

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 9½ minutes

TR MAFF PH6/57 When in the Country  
Animated film showing correct way to behave in the  
countryside  
Farmer disturbed from his sleep by speeding sports car, same  
farmer has his sheep mown over by same car on country lane.  
Further careless behaviour illustrated: driving and parking  
inconsiderately; excessive noise; nuisance dogs; not using  
footpaths; not respecting fences, farm machinery or farm  
buildings; not leaving wildlife alone and not vandalising trees  
and plants; fire not under control and littering. Film requests  
viewers to always follow the country code.  
Central Office of Information for the Countryside Commission

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6 minutes

TR MAFF PH6/58 No title [relates to milking - Gwent College of Agriculture  
Open Day?]  
Film shows milking at Monmouthshire College of Agriculture,  
Usk  
Cows in fields. Barn and farmyard. Crops in fields. Calves inside

pens in barn. Tractor either pumping slurry in or out of a tanker.

Cows in yard come into parlour for milking. Herringbone type. Cowman fore milks, washes cows with hose, turns on machine to feed cow, dries cows, puts on milking clusters. Light shows when cow finished producing milk. Detaches cluster, dips teats then treats cow with ointment.

Cows in field. Milking equipment and parlour cleaned. Tanker takes milk away.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 8 minutes

- TR MAFF PH6/59    A Way with Weeds  
Film shows the benefits of pesticide and how to use it  
Fields with crops with no weeds and crops with weeds. Shows crop spraying, sowing seeds, residual weed killer applied.  
Diagram of residual weed killer. Roots of crops shown.  
Heavy soil and light soil shown. Laboratory testing for soil type.  
Man mixing weed killer in farmyard, wearing protective clothing. Yeoman 80 crop sprayer.  
Diagram of weed killer acting. Crops shown, more crop spraying.  
Central Office of Information for Ministry of Agriculture, Fisheries and Food  
British Films Ltd  
Director Michael Ashlin  
Technical advisor S A Evans B.Sc, Dip. Ag, NAAS  
With cooperation of The Weed Research Organisation, Oxford
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 9 minutes

- TR MAFF PH6/60    Producing Beef Stores  
Film shows raising of autumn and winter calves for beef stores.  
Filmed at the farm of Mr S M Joyce, Penlan, Brilley, Herefordshire.  
A 90 acre upland farm at 850 ft  
Fields and cattle, diagram of land use and livestock at the farm.  
Cattle market where calves are selected (autumn born). Van arrives in farmyard with calves. Calves introduced to nurse

cows. At 18 weeks next batch (winter born) arrive.  
Scenes of calves fed hay, oats and water. Concentrate feed mixed by farmer.  
Calf shown scouring. Given treatment. Horn buds burned out.  
Turned out to pasture. Autumn and winter calves come in for winter. Have silage clamp in their yard and feed themselves from it.  
Diagram shown of method. Farmer removes layer from top and cuts them a section. Rest of heap is protected by electric fence.  
Hay and concentrates also fed. Autumn calves sold on, those left are grazed. Warble fly wash applied to cows in yard. Cattle grazing on clover lays. Silage cut from pit.  
Ministry of Agriculture, Fisheries and Food West Midlands Region

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 11 minutes

TR MAFF PH6/61    Condensation  
Film shows effects and prevention of condensation in farm buildings  
Farmyard, cowshed suffering from condensation. Potato store with same problem.  
Damage to wood, walls, fittings and structures shown.  
Condensation shown.  
Old farm buildings shown which didn't have the problem.  
How condensation forms explained.  
What can be done about it: insulation and ventilation. Expert shown giving advice to farmer.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5 minutes

TR MAFF PH6/62    Cow Cubicles  
Film shows the advantages of cow cubicles for wintering cows and how to construct them  
Friesian cows coming into covered yard and into milking parlour. Straw bedding shown. Muddy cows shown a result of too little straw used. Straw is expensive.  
Cow cubicles shown, cows in using them.  
Diagram of cow cubicles.

Cow cubicle examined in detail. Shows clearance of dung.  
Diagram shows dimensions for larger breeds. Film recaps main  
points.

Ministry of Agriculture, Fisheries and Food Agricultural Land  
Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 9 minutes

TR MAFF PH6/63 Killer on the Move [Hydatids]  
Film shows how Hydatids [form of tapeworm] passes from raw  
sheep offal to dogs to humans, who can die as a result. Filmed  
in Tasmania, Australia.  
Operating theatre shown. Hydatids are being removed from a  
patient.  
Tasmanian sheep country shown, sheepdog rounding up  
sheep. Farmer guts a sheep and feeds the raw offal to the dog.  
Back to operation.  
Children playing with a ball in a schoolyard, same dog is  
joining in. As a result spit from the dog is passed to a child.  
Children go into school and are told about Hydatids. Where it  
comes from and what it is.  
Slaughterhouse, men are shown examining meat. Meat is only  
a danger once it has been through a dog.  
Chained dog outside a house being fed.  
Liver is bought by a housewife, once she is home she discovers  
it has Hydatids and feeds in to her unchained dog. She  
telephones butcher to complain. Her children then play with  
the dog which has eaten the raw Hydatids infested liver.  
Film outlines precautions that should be taken to guard  
against it.  
Tasfilm Productions  
Tasmanian Hydatid Eradication Council  
Director and script John Edwards  
Camera Rodney Marsh  
Sound Harry Lloyd  
Editing Anthony Gibbs  
Commentary Bert Wicks

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 8½ minutes

TR MAFF PH6/64 River Pollution Evaluated by Fish Test

Film shows testing of effluent levels on fish in laboratory and in the field.

River scenes, fishing trout and salmon, using seine nets and coarse fishing.

Water sample taken to London to Ministry of Agriculture, Fisheries and Food Fresh Water Fisheries Division, West Block. Water samples are tested by using Harlequin fish from Malaya [Malaysia]. Diagram of apparatus used.

Field testing of water shown.

Ministry of Agriculture, Fisheries and Food Fisheries Department

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 minutes

- TR MAFF PH6/65 Subsoil Examination Techniques Profile Pits  
Film shows man digging a trench by hand, examining the soil and filling the hole in  
Man digging a trench in a grass field by hand. Removes turf and lower layers. Diagram of stepped shape of hole.  
Structure of soil examined and hole refilled.  
Ministry of Agriculture, Fisheries and Food
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 4½ minutes

- TR MAFF PH6/66 Blood Sampling of Cattle  
Film shows how to take blood samples from cattle from the neck and tail  
Ministry of Agriculture, Fisheries and Food
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 4 minutes

- TR MAFF PH6/67 No title [relates to apple picking]  
Film shows apples being picked and packed. Possibly filmed at Manor Farm, Luddington  
Ministry of Agriculture, Fisheries and Food?
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 4 minutes

- TR MAFF PH6/68 Symptoms of Scrapie in Sheep  
Film shows a field of sheep displaying some of the signs of Scrapie. In this case wool loss and repeated scratching.  
Ministry of Agriculture, Fisheries and Food?
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 3½ minutes
- TR MAFF PH6/69 Sugar Beet Harvesting  
Film shows harvesting of sugar beet by two different methods. Sugar Beet field. Harvesting machinery takes green tops off beet, leaving greenery in piles at side of row. Machine then returns and lifts beet. Collected by Herrian lift into John Deere tractor and trailer alongside.  
Ford tractor and trailer stuck in mud in the field and are pulled out by a John Deere tractor.  
Farmyard where sugar beet is piled and gathered by tractors and loaded by machine onto lorries.  
Sugar beet field with Ford tractor and Ransomes harvesting machinery. Machine cuts tops off beet and leaves it scattered. Same machine then comes back and harvests beet and lifts into tractor and trailer alongside. Man collects stray sugar beet by hand.  
Sheep on left over greens in field.  
Ministry of Agriculture, Fisheries and Food?
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 9½ minutes
- TR MAFF PH6/70 Fowl Pest Live Vaccine RVO  
Films shows various ways to vaccinate chickens against fowl pest. Includes eye dropping, beak dipping and spraying day old chicks; introducing vaccine in water to older birds.  
Ministry of Agriculture, Fisheries and Food
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5 minutes

TR MAFF PH6/71 Dance of the Bees  
Film shows the way bees communicate the distance and location of food sources to other bees in the hive. Filmed in Sankt Gilgen [Austria]  
Film shows an Austrian mountain scene with traditionally dressed man and woman and beehives which are near the Sankt Gilgen Experimental Station.  
A concentrated sugar solution is put out for the bees in various locations and the bees are marked with paint? The dances the bees perform are shown and diagrams used to explain what the dances mean in terms of where the food is and the distance involved.  
Produced by Bundesstaatliche Hauptstelle für Lichtbild und Bildungsfilm, Vienna [Austria]  
Scientific Supervision Professor Dr Karl Frisch, University of Graz, [Austria] Zoological Institute  
Director Dr Adolf Hübl  
Camera Walter Stoitzner  
Tricks Walter Stoitzner and Rudi Mayer

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 21½ minutes, with captions in English

TR MAFF PH6/72 Chick Rearing on the General Farm  
Film shows best way to brood chicks.  
Farmyard and flock of sheep. Postcard showing delivery of live day old chicks that day. Woman sent to chicken house and hover to get it ready. Housing in bad condition. Woman removes and cleans hover and inside of house, poor tools, dirt swept onto ground, mouldy straw laid for bedding. Hopper missing curtains and draft holes stuffed with sacking. Lamp is smokey and goes out when lit.  
Caption: Three Months Later woman has changed her job and is cleaning the chicken house at the end of the season. Cleans and brushes hopper, lamp, food troughs, brushes out litter. Washes equipment with washing soda and then ammonia mixture.  
Caption: Next Rearing Season prepares for chicks arrival the following week. Prepares and lights lamp and leaves it with temperature gauge. 3 days later checks temperature and puts lamp out. Day before food and water and lamp lit. Temperature checked again. Unpacks chicks from cardboard boxes and places them in hover, spreads them around lamp and closes lid. 15 minutes later they are checked and fed. Shown at 3 weeks old. Flock of sheep in farmyard and

landscape scenes.  
Ministry of Agriculture, Fisheries and Food?  
Directed by Mrs W D Gibson  
Photography R A Whitson

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 13½ mins

TR MAFF PH6/73 Storage of Apples  
'Apples can be marketed in good condition several months after being picked if stored at low temperatures in gas chambers. This film illustrates the theory and practical methods of refrigerated gas storage and the harmful effects of gas storage at incorrect temperatures' Ministry of Agriculture, Fisheries and Food Film Catalogue 1957, p127  
Film shows apple orchard with pickers, and orchard in winter. Apples shown stored in a straw clamp in the open air, apples also shown stored in barns below ground level.  
Ditton Laboratory shown experimenting on apple storage. Diagram of apple breathing. Gas stores shown.  
The correct handling of apples shown: careful picking of apples, packing station, grading machinery, removal of rotten fruit and wrapping in oiled paper, unsound apples shown.  
Sponsor and distributor Department of Scientific and Industrial Research

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 11½ minutes

TR MAFF PH6/74 Feeding Farm Animals  
Film 'gives some general rules for good livestock feeding. The six components of primary importance are named i.e. proteins, carbohydrates, fats, vitamins, minerals and water, and each is considered in some detail. A comparative study of foodstuffs and corresponding weight increase in the livestock, shows that variety is the keynote of successful feeding. The stress throughout is laid on good pasture land which is vital to the vitamin A balance in the diet' from the Ministry of Agriculture, Fisheries and Food Film Catalogue 1957, p141  
Film opens in the farmhouse of Water and Ellen Thompson, who are in the sitting room waiting for visit of neighbour Ed Bishop. Once the neighbour arrives they discuss feeding problems.

Shots of livestock, stock management, pasture, raising feedstuff and storing it properly.  
Balanced diet is discussed and nutrients described.  
Experiments shown to illustrate the effects of a balanced diet.  
Film shows publications by the United States Department of Agriculture.  
United States Information Service in the United Kingdom  
United States Department of Agriculture  
Motion Picture Service Office of Information  
Subject matter Ned R Ellis, Bureau of Animal Husbandry  
Script Ruth Newton  
Camera George Ortlieb  
Editing Ross Wheeler  
Sound Reuben Ford  
Director Dan Carlos Ellis  
Distributed by Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 20 minutes

TR MAFF PH6/75 The Farmstead in the Landscape  
Film shows the effect farm buildings have on the landscape both historically and at the time the film was made and the ways in which impact can be minimised.  
Film opens with scenes of moorland with evidence of early settlements. More recent farmsteads shown. Traditional thatching shown. A variety of farms buildings, including silos shown with good and bad designs and sites, film encourages harmony with the landscape. Construction of prefabricated farm buildings shown.  
Central Office of Information for Ministry of Agriculture, Fisheries and Food  
Produced by Element Films Ltd  
Technical Advisors D C Wallace FRICS and H G Penfold ARIBA

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 20 mins

TR MAFF PH6/76 Field Technology of Cereal Trials  
Film shows method of setting out a field for a field trial in detail  
Film shows the methods adopted in the West Midlands region of NAAS. Captions detail the selection of the field and farmer

for the trial. Two men are shown setting out the trial and diagrams are shown of the method.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 14 mins

- TR MAFF PH6/77 War on Wood Pigeons  
Film shows damage to crops by wood pigeons and their destruction by organised shoots and shooting over decoys; constructing a hide. Ministry of Agriculture, Fisheries and Food  
Film catalogue 1957  
Film opens with large flocks of pigeons, crops susceptible to damage shown, organised shoots shown.  
National Farmers Union and Country Landowners Association organised pigeon shoots. Men with guns shown, diagram of placing of guns. Shooting and killing pigeons.  
Shooting over decoys, good and bad hides. Amount of crops pigeons eat, migration patterns. Observing pigeon flocks.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, silent, 19½ minutes

- TR MAFF PH6/78 Hog Cholera and African Swine Fever  
Film shows Hog Cholera and African Swine Fever and extensive and detailed scenes of pig autopsy.  
Armed Forces Institute of Pathology  
Federal Civil Defence Administration  
United States Department of Agriculture  
Agriculture Resource Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 22½ mins

- TR MAFF PH6/79 Emergency Feeding; A Training Film for Caterers  
Film shows how to use emergency cooking equipment and how to build emergency ovens and cooking equipment  
Film opens in the kitchens of ICI showing cooking under normal conditions.  
Scenes outdoors showing ready built emergency equipment.

The Hydra petrol burner with 5 gallon insulated containers, Soyer boilers and Triplex Field cooker mark 4. Mr R L Stinton of the ICI catering section introduces diagrams and models of improvised cooking equipment in the event of an emergency. Men and women built emergency cooking equipment and the range of dishes they produce is shown. Imperial Chemical Industries Ltd  
The ICI film unit

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 24½ minutes

TR MAFF  
PH6/80A

### Breeding for Beef

Film shows some of the history and success of the Aberdeen Angus breed  
Film opens with hillside scenes of North East Scotland and Aberdeen Angus cattle. Scene possibly at the Ballindalloch estate. Book of the history of the breed shown, together with pictures of breed pioneers Hugh Watson and William McCombie.  
Headquarters of the Aberdeen Angus society shown, with members of staff working.  
Scene of three-year-old Aberdeen Angus bull champion at a 1959 agricultural show.  
Scene of a Northumberland farm where narrator interviews a farmer, Ben, dressed in a kilt. They discuss the merits and popularity of the breed. Aberdeen Angus cattle are shown. Cattle at market. Cuts of meat are shown on a steer [alive]. Store cattle shown. Aberdeen Angus bull shown and good points illustrated. Pedigree cow shown and again good points illustrated.  
American cattlemen shown at Royal Show in England looking at Aberdeen Angus cattle.  
Dockyard scene. The Calgonia, Glasgow is shown being loaded with 1959 Aberdeen Angus bull champion.  
Aberdeen Angus Cattle Society

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 12½ minutes

TR MAFF

### Beef at its Best



PH6/80B

Film promotes the use of the Aberdeen Angus cattle breed for good quality meat.

Film opens in a butchers shop. Meat shown, the housewife is more discerning since meat came off rations.

Restaurant kitchen in London shown. A housewife puts meat in an Aga to cook. Both use Aberdeen Angus meat.

The farm of Mr Marshall is shown, he is talking to Mr Peter Colbrooke a well-known butcher. They inspect some of his cattle, cross Angus steers.

Colbrooke shows the good points of carcasses of cattle from the same herd. Cuts of Angus meat and average quality meat compared.

In the restaurant the meat is taken from the oven and carved and the housewife serves meat to the waiting family.

Aberdeen Angus Cattle Society

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 10 minutes

TR MAFF PH6/81

The Rumen Story

Films shows 'mechanism of digestion of roughage by ruminant animals and the role of the rumen organisms in the nutrition of the host. Emphasises the importance of roughage in ruminant nutrition and their use in association with balanced foods. Photographs taken through and artificial fistula and photomicrographs of ruminant organisms graphically illustrate the living rumen.'

Ministry of Agriculture, Fisheries and Food Film catalogue 1957 p. 44

Sponsor Ralston Purina Co, USA

Distributed by Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 23 mins

TR MAFF PH6/82

Artificial Light Patterns for Poultry

Film shows the effects of light on poultry and egg production.

Farmyard with chickens housed outdoors. Feeding free ranging chickens with a good egg yield in summer. Scenes of chickens in winter in rainy field.

Graph of day length over the year. Diagram of a chicken to show effects of light.

Chickens shown housed indoors using artificial light.  
Graph of light patterns and maturity in chickens,  
recommended rates of light exposure, intensity of light and  
size of eggs.

Central Office of Information for Ministry of Agriculture,  
Fisheries and Food  
National Interest Picture Productions Ltd  
Technical Director Trevor R Morris (University of Reading)  
And J A Calver (National Agricultural Advisory Service)  
Production A E C Hopkins  
Director Victor Wark  
Animations Brian Stephens  
Camera Cedric Williams  
Editor John Beaton

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 12½ minutes

- TR MAFF PH6/83 Worms in sheep; A film on gastro-intestinal worms  
Film shows effects, behaviour, prevention and treatment of  
worms in sheep.  
Film opens in livestock market with sheep. Diagram of  
Parasitic gastro-enteritis. In the laboratory worms shown  
including tape worm. Sheep flock, some with symptoms.  
Symptoms illustrated including loss of wool bloom, anaemia,  
and diarrhoea, leading to death in extreme cases.  
Diagram of worm life cycle, eggs developed in laboratory,  
weather conditions. Vet collecting samples.  
Post mortem examination of sheep shown in detail.  
Weather studies experiments shown.  
Different types of land management shown to prevent worms  
including mixed grazing, rotational grazing, forward grazing  
and back fence.  
Wormers shown and administered in different ways.  
Central Office of Information for Ministry of Agriculture,  
Fisheries and Food  
National Interest Picture Productions Ltd  
Produced and directed by A E C Hopkins  
Camera Cedric Williams  
Script C Millett  
Animation Brian Stephens  
Edited by John Beaton
- 1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 17 minutes

TR MAFF PH6/84 Tractor Engine Overhaul  
Film shows in detail how to dismantle the engine of a tractor [Fordson] completely, decarbonise, clean, oil and reassemble it; also how to check the steering.  
Man tries to start Fordson tractor [CMO 571] with a starting handle. He eventually gets it started after some work on the carburettor and spark plugs. Voice over states the only way to remedy this is to overhaul the tractor engine.  
Tractor returns to shed and work starts while it is still hot  
Tractor engine is taken apart and cleaned. Tractor is put back together and successfully starts. Bolts are tightened up after the engine has been running. Leak is fixed. The steering is tested and tractor is driven away.  
Ministry of Information for Departments of Agriculture  
Produced by Films of Great Britain Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 23½ minutes

TR MAFF PH6/85 Hill Sheep Farming  
'The basis of Britain's sheep industry is the hill sheep farms of Scotland. This film gives an account of the life and work of a Scottish hill shepherd through the seasons, and tells of the government help offered.'  
Ministry of Agriculture, Fisheries and Food Film Catalogue 1957, p. 151  
Film opens in a sheep market. Auctioning sheep. Highland scenes, wrecked crofts and a deserted village. Hunters shooting game.  
Highland sheep farmer and his family outside his croft? with postman. Land shown which has not been managed: drainage, fences and bracken taking over. Hill Farm Act gives grants for improvements.  
Burning of heather on reclaimed land shown. Coarse grass cleared by cattle, lower pasture ploughed and reseeded.  
Shepherd shown checking sheep for disease. Close up of tick. Vaccination and dipping of sheep. Selecting rams, rams turned out onto the hills, rams with ewes.  
Winter snow, postman delivering to shepherd. Shepherd's wife getting into car.  
Spring lambing time shepherd inspects his flock on hillside, sheep in labour, lamb born. Dead lamb in stream. Ewe fretting

for dead lamb. Dead lambs skin is cut off and placed over an orphan or twin lamb. Sheep and lamb put together overnight. Remaining sheep that haven't lambed are brought down off the hill and inspected. Sheep which aborted marked. Milk from a sheep is wiped on a lamb to get it to accept the lamb, they are shut up together. Sheep that have lambed turned out to the hills again.

Sheep are counted in pens, separated and the ears marked, rams castrated. Wool clipped, dipping and drenching, sent to market.

Flock of Leicester rams shown for crossing to grey face.

Butchered meat.

Central Office of Information for the Department of  
Agriculture Scotland

Campbell Hopper Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 18 minutes

TR MAFF PH6/86

Making Good Hay

Film shows the best conditions and methods of haymaking. Snowy, winter scene cattle being fed hay from a Landrover and trailer. Sheep also eating hay. Bad and good quality hay shown. Cheque written for hay, which is then delivered.

Grass fertilised, with cows grazing it before laying up for hay. Silage making shown, forage harvesting then buckrake and tractor.

Thatched hayrick.

Diagram of protein and digestibility of hay.

Bad hay shown. Hay being cut at the right stage late May, early June.

Swathe turner after mower shown. Tedding also shown by different types of tedders.

Rain and dew on the crops, windrow the crop after rain and ted it. Handmade hay shown, repeated tedding.

Tripod crop shown, by hand and machine. Piked hay by hand and machine. Pikes moved by buckrake, and loaded into the barn.

Hay baled, bales picked up and stacked. Diagram of poor hay and good hay feeding.

Commentary by Johnny Morris

Produced by Fisons Studio

In cooperation with Fisons Technical Advisory Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

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Colour, sound, 20mins

- TR MAFF PH6/87 Toxic Agalactia in the Sow  
Film shows symptoms, treatment and prevention of Toxic Agalactia in the Sow.  
Pig with Toxic Agalactia shown with piglets. Symptoms shown. Vet shown, treatment described, prevention measures shown including individual feeding and cleaning of pigpens. Piglets born, piglet's teeth removed.  
Producer Paul Greenough  
Thanks to David Barnes and Ian McNab

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 16½ mins

- TR MAFF PH6/88 When Bee Meets Bee  
'Unalerted and alerted colonies. Close-ups showing scent distribution, tongue stropping, food exchanging'  
Ministry of Agriculture, Fisheries and Food Film Catalogue, 1957, p178  
Beehive shown, strange bee enters hive, fanner bee, tongue cleaning, bees taking food from cells, food exchange in unalerted colony.  
2 bee colonies next to one another are moved closer together, they begin drifting. Colony is given anaesthetic and painted with dots. Alerted colony with guard bees trying to remove intruder. Robber bee fight shown.  
Experiments to unite 2 hives.  
Sponsor and distributor E H Taylor Ltd  
Script by C P Abbott  
Edited by C G Butler  
Commentary and photography by C P Abbott  
Abbott Instructional Film  
Based on work at the Rothamstead Experimental Station

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 19 mins

- TR MAFF PH6/89 Good seed on the Land  
Film promotes the used of tested specially grown seed rather than the use of seed saved by farmers for use the following

year.

Combine harvesting a seed crop. Experiments on crops shown, trials on wheat.

Autumn multiplication of seed shown.

Seed field examined. Farm machinery shown being thoroughly cleaned to prevent contamination.

Seed drilled. Crops inspected, harvesting, combine harvester, lorries and trailers cleaned. Seeds go to storage silos and then to seed processing plant. Seed quality categories.

Seed trials shown contaminated plots.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Introduced by George Finch

Written and directed by Euan Pearson

Photography Leslie Dear and Adrian Jeakins

Edited by John Macpherson

National Institute of Agricultural Botany

National Seed Development Organisation Ltd

The Plant Breeding Institute

RHM Arable Services Ltd

G & M A Wedd Ltd

Thriplow Farms Ltd

Anvil film and recording

Group Production

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 21 mins

TR MAFF PH6/90 Method Study in Agriculture

Film shows the application of method study to a pig farm.

Film shows mechanised feeding and watering systems of pigs in a fattening unit.

Methods before method study shown. Minor improvements made by the farmer and pigman shown.

Farmer telephones Ministry of Agriculture, Fisheries and Food for help. The ministry men arrive and conduct a method study.

Symbols, finished flow chart and string diagrams shown.

Film shows method study can also be applied to chickens, egg grading and horticulture. Leaflets published by Ministry of Agriculture, Fisheries and Food shown.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Marcus Cooper Ltd production

Production manager John Bourne

Direction and script Peter Hopkinson

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Cameraman Frank North  
Assistant cameraman Bob Ryan  
Technical Adviser E R Butler ARICS, ALS  
Editor Roy Beeston

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15½ mins

TR MAFF PH6/91 Seed of Prosperity  
'Half of Scotland's crop of potatoes is grown for seed which is exported to the rest of Britain and overseas. The film surveys the history of the industry.'  
Ministry of Agriculture, Fisheries and Food Film Catalogue 1957, p.121  
Film opens in a grocery. Mentions the potato famine of 1845 and 1846. William Paterson of Dundee, Archibald Findlay of Fife and Donald McKelvey and their experiments to get rid of blight illustrated. Potato diseases shown. Yield from Scottish seed shown. Trials of seeds. Commercial growers fields shown, rogues are removed from crop. Inspectors check the crop and certificate it.  
Spraying with fungicide and sulphuric acid. Potatoes lifted and dressed and inspected. Inspectors trained at East Craigs. Delivering seed potatoes across Britain and worldwide. Statistics of revenue and employment from potato trade in Scotland.  
Ministry of Information for the Department of Agriculture for Scotland  
Campbell Harper Film Production  
Director Alan Harper  
Assistant Producer Edgar Anstey  
Camera Henry Cooper  
Camera Ian Barrowman  
Script Norman Wilson  
Spoken by James McKechnie

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 8½ mins

TR MAFF PH6/92 Sheep Worrying by Dogs  
Plea for dogs to be kept under control in the countryside.  
Spring in a field of sheep, walkers using footpath.

Dog is followed and it chases sheep. Dead sheep shown. Dog shown walking in a field under control. Field of sheep and lambs.

Ministry of Agriculture, Fisheries and Food and National Farmers Union

Commentary Harry Oakes, Dan Archer in BBC radio programme, The Archers

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 3 mins

TR MAFF PH6/93

Computers on the Farm

Film shows application of early computers to farming practice. Scenes from an Agricultural Advisory Service demonstration at Bridgets EHF, Winchester, May 1980.

Shows a computer device for measuring spray material, grain loss measurer for combine harvesting and a crops disease monitor.

Milking parlour with computer, cows with transponder collars, food ration given automatically, information about the cow given to cowman by the computer, milk yield measured and cows weighed.

Application of computers to farm business records and herd management. Mentions MicroCobol computer language. Central Office of Information for Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6 mins

TR MAFF PH6/94

A Crop of Problems

Film promotes the careful handling of potatoes from harvest to the grocer, to maximise number of saleable potatoes.

Film opens showing large potato fields, spraying and lifting potatoes in the Autumn. Outlines problems with enough skilled labour, yield and disease.

Indoor potato store, open-air clamps. Potatoes survey: potatoes examined for damage each stage of the harvesting, nationwide. Results of the survey shown.

Ways of avoiding damage to potatoes shown, inspectors sample each stage of the journey to show damage done. Ways of avoiding damage illustrated: care of machines; room to turn machinery in the field; share setting; speed of machine;

delivery arm setting to trailer correct. Bad handling of potatoes shown.  
Annual harvester demonstrations shown and laboratory research.  
Potato Marketing Board  
Photography David Muir  
Photography Charles Smith  
Editor Arthur Stevens  
Sound Peter Gilpin  
Technical Advisor Peter Kerslake  
Written and directed by Glyn Jones  
Produced by James Carr  
A World Wide Picture  
National Institute of Agricultural Engineers  
The Low Temperature Research Station

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 19½ mins

TR MAFF PH6/95 Its up to you  
Film promotes Caterpillar tractors.  
'With the aid of animated diagrams, this film describes good practice in the maintenance of diesel-powered tractors under three main headings: (i) the fuel injection system (ii) the air filter unit (iii) the water-cooling system.'  
Ministry of Agriculture, Fisheries and Food Film Catalogue, 1957 p.65  
Caterpillar Tractors USA  
Distributed by Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 16 mins

TR MAFF PH6/96 Farm Water Supply  
'Emphasises the advantages of pure water supply. Shows the production of water pipes in Messrs. Stewarts & Lloyds factory, and water pipe laying methods - including the use of a mole plough.' Ministry of Agriculture, Fisheries and Food Film Catalogue, 1957, p.86  
Film opens with reservoirs and water pumping stations. Farmer delivering water by hand, large numbers of farms not connected to mains water. Sources of water described: springs, wells, boreholes, streams, rainwater, ponds and

ditchwater. Water diviner shown.  
Cattle need pure supply of water and Ministry of Agriculture,  
Fisheries and Food give grants towards water supply. Soil and  
water samples taken and analysed.  
Scenes in the factory of Stewart and Lloyd Limited making  
steel tubing for water supplies on the farm. Pipe manufacture  
shown in detail. Installation of pipes on farmland shown in  
detail.  
Stewart and Lloyd Limited  
Ace Film Production  
Photography John Miller  
Photography Leo Waller  
Script Douglas Dale  
Voice Frank Phillips  
Production manager J S Green  
Produced by Frank Green

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 25½ mins

TR MAFF PH6/97 Rearing and Instrumental Insemination of Queen Bees  
'Deals with queen raising generally. Half the film is devoted to  
the technique of cell preparation, brood selection, grafting,  
the preparation of drones and virgin queens for breeding  
purposes. The second half depicts the apparatus used and  
gives full details of the technique of instrumental  
insemination.'  
Ministry of Agriculture, Fisheries and Food Film Catalogue  
1957, p177  
E H Taylor Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 21½ mins

TR MAFF PH6/98 Sugar Beet Conquest of the Peak  
'How the spring labour peak can be reduced by applying  
improved techniques. It emphasises the importance of a good  
seed bed and shows how this is facilitated by special methods  
of autumn ploughing. The production and advantages of  
rubbed and graded seed are explained and the newer types of  
drill are demonstrated. Reference is made to the importance  
of "down the row" thinning' Ministry of Agriculture, Fisheries  
and Food Film Catalogue, p121

British Sugar Beet Corporation

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 23½ mins

TR MAFF PH6/99

### The Pyrethrum Story

Film shows the growing of the Pyrethrum daisy as a crop in Africa, its refining into an insecticide and its many uses. Film emphasises its naturalness and lack of harm to anything but insects.

Scenes in Africa of fields of Pyrethrum daises. Narrator of film lands in Nairobi, Kenya in BOAC aeroplane. Crop also grown in Tanganyika [Tanzania] and Belgian Congo [Democratic Republic of the Congo].

Narrator inspects the crop. Crop harvested by local people. Volcano shown. Pickers bring their bags to be weighed and are then paid. Blooms spread out in the sun, packed into bags and sent by railway to processing plant.

Research laboratory shown. Pyrethrum demonstrated on some flies. Experiments shown. Research station and trial fields shown.

Mombassa shown, Pyrethrum is loaded onto ships.

Benefits of the industry to local community shown in the form of dams, roads and schools.

Dairy farm shown, cow being sprayed with Pyrethrum, also cows in larger numbers sprayed automatically. Grain store - bags of grain being injected with Pyrethrum and sprayed again at warehouse. An aeroplane interior is sprayed, housewife sprays kitchen, garden roses also sprayed.

Narrator departs by aeroplane to the United States of America.

United States of America

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 17½ mins

TR MAFF  
PH6/100

### Control of Warble Fly

Film shows the effects on hides, and treatment of warble fly in cattle

Film shows uses of leather including car interiors, wall panels, shoes and handbags.

Effects of warble fly, life cycle of the warble fly. Processing of

hides.  
Effects on cattle and treatments for warble fly.  
Hide and Allied Trades Improvement Society  
Commentator John Young  
Gilbert Hawker Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 16 mins

TR MAFF  
PH6/101

### Science of Profitable Dairying

Film shows application of science to dairy farming, how milk is made, best herd care and milking practice and the work of Ralston Purina feed company.

Dairy farm shown. University of Minnesota classes in progress. Diagram of how milk is produced. Experiments on milk production from blood.

Feeding and proper care of cows. Experiments to show let down of milk.

University of South Illinois, careful handling of cows and proper machinery, record keeping.

The work of the Ralston Purina laboratory and research station shown.

Ralston Purina Co

Technical assistance of The University of Minnesota Calvin Production

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour [faded], sound, 19½ mins

TR MAFF  
PH6/102

### Egg Quality Control on the Farm

Film shows the advantages and methods of handling eggs to reduce breakages and profit.

Cartoon - shows city, large population of humans and chickens. Egg statistics.

Real action - outlines losses of profit due to seconds. Healthy stock, vaccination, feeding, hygiene, light intensity and ventilation. Battery cage types shown. Egg collection. Deep litter houses.

Egg seconds frozen, egg washing. Egg storage and delivery. Packing station and eggs graded.

Central Office of Information for Ministry of Agriculture,

Fisheries and Food  
Script C F Millett  
Director A E C Hopkins  
Camera Harry Orchard  
Editor Barry J Mason  
Animation Brian Stevens  
Production Helen Higgins Films Ltd  
Acknowledgements Chilmark Manor Farm Ltd, Salisbury  
Griffin Farms Ltd, Lacock, nr Chippenham  
University of Reading, Lane End Farm Management Survey  
Technical Advisors J A Calvert BSc NAAS  
M M Midgeley NDP NAAS

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 21½ mins

TR MAFF  
PH6/103

#### Mechanical Handling on Farms

Film shows advantages and methods of using machinery to handle farm input and output.  
Unloading by hand of straw, bales and feed.  
Diagram to show an average of 2 men working land in 1912, and only 1 man in 1962, despite output having increased.  
Tractor and machinery shown, various degrees of mechanisation. Traditional methods shown. Various tractor towed implements and attachments shown. Specialist machinery shown.  
Diagram of a 210-acre farm with amounts of farmstuffs and produce to be moved around the farm on a yearly basis.  
Machinery and labour outlined. NAAS officer shown to give advice on mechanical handling.  
Central Office of Information for Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 20½ mins

TR MAFF  
PH6/104

#### Backing a Winner

Film shows the work of the National Poultry Test in giving farmers information on which to base their choice of bird stock.  
Film opens at a Point to point meeting, scenes of foxhunters,

crowd, betting and bookies and horse race.  
National Poultry Test at Milford shown. Chicks, eggs packed,  
map of test farms.  
Illustrates how test works, rearing, food, shelter, vaccination,  
laying house, egg collecting and grading. Production,  
mortality, market value and food used shown. Diagrams of  
results.  
Point to point meeting shown. Parallels drawn between  
gambling on chickens and the work of the National Poultry  
Test in reducing the odds of poor producers.  
National Poultry Tests Ltd  
Vitamins Group Film Unit  
Direction, camera and edited Nigel Gerrans  
Script and continuity Martin Lishman  
Production Assistants Peter Watts and Margaret Selby  
Sponsors: Associated Iliffe Press Ltd, Dunblende Cages Ltd,  
Vitamins Ltd Vitamealo division, Anvil Enterprises Ltd, Calor  
Gas (Distributing) Co Ltd, Maywick Appliances Ltd, Spenser  
Bayley Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 19½ mins

TR MAFF  
PH6/105

Making the Money go Round part 2

Film shows how accounting and budgets help farmers to  
achieve more profits.  
A man is seen presenting charts and a model farm to  
demonstrate his points about budgeting and accounting.  
BBC TV  
Captions by Tony Workman  
Script by Clifford Selly  
Film cameraman Ian Stone  
Sound recordist Bill Barker  
Film editor Robert Gore  
Produced by John Kenyon

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 14½ mins

TR MAFF  
PH6/106

Controlled Environment in Poultry Houses

Film shows how poultry houses should be built and existing

buildings converted to maximise profit.  
Poultry housing shown. Production and consumption of free  
range, part housed and fully housed chickens.  
Conversion and building of new chicken houses shown.  
Insulation shown in detail, foundations and flooring.  
Ventilation outlined.  
Central Office of Information for Ministry of Agriculture,  
Fisheries and Food  
National Interest Picture Productions Ltd  
Produced by A E C Hopkins  
Script and director Victor Wark  
Camera Cedric Williams  
Animation Brian Stevens  
Editor Bob Dearberg  
Technical advisers Dr D W D Sainsbury MA and M Midgeley  
NDP NAAS

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 18 mins

TR MAFF  
PH6/107

The Effect of Ionising Radiation on Domestic Animals

Film is a report of an irradiation experiment conducted by the  
Defense Department and the Atomic Energy Commission  
under contract with the University of Tennessee. Experiments  
conducted on donkeys.  
United States Army

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 20 mins

TR MAFF  
PH6/108

Glenmark

Film shows the effect of flooding on the Glenmark area, near  
Christchurch, New Zealand. Eight farmers band together with  
the help of soil conservationists to take measures to prevent  
flooding.

Film opens in the ruined buildings of the Glenmark estate, a  
former sheep station on the Canterbury Plains, New Zealand.  
Once farmed by George Henry Moore, now split between  
eight farmers.

Rainfall and floods shown, car stuck. Valuable soil washed  
away and down hills.

Soil conservation survey. Meeting of eight farmers shown. Set up a cooperative scheme to stop flooding. Measures shown include aerial spraying of grass seed and fertilisers, conservation fencing, tree planting on hill slopes, poplar planting in river beds, stock ponds bulldozed and contours in the hill.

Farming family having outdoor lunch when a flood warning issued. Soil conservationists come to inspect the land after the flood, land is unaffected and neighbouring catchment areas are flooded.

Soil Conservation and Rivers Control Council  
New Zealand National Film Unit Production  
Director Robert Kingsbury  
Camera Kellar Fowler  
Sound Val Federoff  
Production G Scott, C J Morton and James Harris

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 13 mins

TR MAFF  
PH6/109

Between Shows: An Introduction to the National Agricultural Centre [Royal Show, Stoneleigh]

Film shows the Royal Show at Stoneleigh, Warwickshire, and the model farm and out of show season work carried out.

Aerial shots of the Royal Agricultural show at Stoneleigh which was peripatetic until 1963. Permanent demonstration units, model farm, teaching and lecture facilities. Tour of site shown, including new developments such as CCTV.

National Equine Centre, Milk Marketing Board, Beef Record Association, National Beekeeping centre and Farm Management Association have a presence at the showground. Work of the advisory board shown.

Midland Bank Group  
David Cobham Production in association with Charles Barker & Sons

Produced and directed by David Cobham

Script Anthony Short  
Photography Alf Hicks

Editor Terence Twigg  
Sound Sid Squires and Trevor Pike

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 20 min

TR MAFF  
PH6/110

### Cotton Root Growth

Film shows cotton root growth under different conditions. Soil conditions shown that restrict cotton root growth both in the field and in the laboratory including: soil compaction, air, moisture, temperature, sub-soil acidity, lack of calcium and plant residue.

Auburn University Television Department [USA]  
Soil and Water Conservation Research Division ARS USDA  
Alabama Agricultural Experimental Station

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 13½ mins

TR MAFF  
PH6/111

### The Extra Crop

Film shows various methods of farm waste disposal. Film shows production statistics for milk, meat, eggs and manure. Statistics of increased livestock, despite land values rising and amount of land available decreasing. Various purifying methods. Muck spreaders shown when not near towns and larger amounts of land concentration. Slurry pits shown, river aerations. Laboratory testing of water shown. Rapid oxygenation system on a farm demonstrated. Biological filter tower tested, biogas plant. Gas produced serves a hospital next door.

Drying of slurry shown, converted to fertiliser.

Cygnnet Film Productions  
Sponsored by Shell and BP

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 13½ mins

TR MAFF  
PH6/112

### The Flower and the Hive

Film shows how bees fertilise flowers, how bees produce honey and how the hive works.

Flowers shown, with time lapse photography. How plants are fertilised, wind for grasses and most trees and by insects for most other plants. Bees are best.

Orchard and hives shown, in the hive and how honey is produced. Once the blossom is gone bees need other food

supplies. Farmers shown burning and removing hedgerows.  
Bee finds clover and dance of the bee to alert the other bees  
shown.

Canada Department of Agriculture  
National Film Board of Canada  
Produced and photographed by Larry Gosnell and J R Durden  
Editor Robert Russel  
Music Eldon Rathburn  
Sound recording George Croll  
Executive producer Peter Jones

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 11 mins

TR MAFF  
PH6/113

#### Intensive Fat Lamb Production

Film shows how sheep are farmed in the UK and in New  
Zealand.

Sheep and land shown, meat cuts shown. Hill, Upland and  
Lowland breeds shown. Sheep market. How to assess sheep  
quality. Experimental husbandry farm shown. Lambing.  
New Zealand fat lamb farms shown, profits are greater than  
UK farmers manage to get from their sheep. Methods are  
shown.

Midland Bank  
Guild House Film  
Film Producers Guild  
Charles Barker & Sons  
Photography Alf Hicks and Fred Gamage  
Produced and directed by David Cobham  
Editor Brian Jones and Harold Holding  
Animation Guild Animates Ltd  
Camera New Zealand Kel Fowler

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 18 mins

TR MAFF  
PH6/114

#### Brucellosis

Film shows the effects of Brucellosis and how it can be  
prevented.  
Herd of cows, dead cows and infected cows, effects shown  
including loss of fertility, loss of milk yield, high vet bills and

effects on humans.  
Laboratory where organism is shown. How cows get it and  
how it passes through them. Precautions to take.  
Autopsy on aborted calf. Testing for the disease. Vaccines  
outlined. Rat testing. Cattle market.  
Central Office of Information for Ministry of Agriculture,  
Fisheries and Food  
De la Chevre films  
Written and produced by George Seager  
Directed by John Pitt  
Camera Michael Davis  
Edited by Roy Ayton  
Technical adviser D J Mackinnon BSc MRCVS  
Assistants Brian Lipman and Joyce Colwill

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 17½ mins

TR MAFF  
PH6/115

Britain's Livestock 1948

'Over two hundred years of intelligent development have  
enabled the British stockbreeder to increase production and  
maintain the excellence of his livestock. Examples of the  
different beef and dairy breeds and the qualities of the various  
types are shown. The national schemes for making  
improvements and the part that science plays' Ministry of  
Agriculture, Fisheries and Food film catalogue 1957 p145  
Cattle in field, ploughing and re-sewing of grassland, lay  
system.

Beef breeds distinct to areas shown: Herefords, Aberdeen  
Angus and Devons. Dairy breed - Ayrshire, dual breeds Red  
Poll, Shorthorn two strains dairy shorthorn shown. Licensing  
of bulls. Shorthorn Scotch shown.

Illustration of breeding practices. Sale at Perth, Scotland.  
Guernseys and Jerseys shown. Friesians on dairy farm shown,  
including bulls.

Laboratory examining milk, TB tests and abortion tests.  
Artificial insemination centre at University of Reading.

Dockyard with bull loaded onto a ship for export.  
Central Office of Information for Ministry of Agriculture,  
Fisheries and Food

Director William MacQuitty and John Martin-Jones  
Photography Hamish Lawrie  
Editor Cath Miller

Recorded at Merton Park Studios (Western Electric)

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15½ mins

TR MAFF  
PH6/116

### More Meat Matters

Film shows how cattle and sheep are farmed to produce meat. Cattle market at Niton?, Wales. Sheep sale at Builth Wells. Countryside which raised the cattle and sheep shown.

Farm of Jack Hughes, Cwmlanerch, Betws-y-Coed and David Jones in Upper Llangoed, Breconshire. ICI fertiliser shown to get grass to grow. David Williams farm in Wales late grass shown. Welsh black cattle. Farms of Hadyn Jones The Ddole, Llandridnodd Wells, and Doug Thomas, Waun, Radnorshire, silage self feeding housing.

Diagram of acreage gross margins. Summer grazing, sheep Gwynedd mountains. Farm of Jack Hughes. Sheep market at Builth Wells.

Wiltshire Downs farm of Col Jack Houghton Brown. Sheep, weighing sheep. Farm of John Llewelyn, Alderbury, Shropshire. Beef finishing farm, self feed silage. Alwyn Davies farm also self feed silage. ICI fertiliser shown. John Llewelyn silage making.

ICI

Photography Reg Cavender

Editors Glyn Byles and Tom Cornwall

Titles Wyatt Cattaneo Productions Ltd

Technical consultant Geoffrey Lewis

Producer Norman Beese

Director Robert Amram

Thanks:

Col Jack Houghton Brown, Wiltshire

George and Ernest Corfield, Myndtown, Shropshire

Jack Hughes, Cwmlanerch, Betws-y-Coed

David Jones, Upper Llangoed, Brecon

Hadyn Jones, The Ddole, Llandridnodd Wells, Radnorshire

Michael Jones, Burton, Radnorshire

John Llewellyn, Alderbury, Shropshire

Doug Thomas, Waun, Radnorshire

David Williams, Wormaston, Radnorshire

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 27 mins

TR MAFF  
PH6/117

### Potato Cyst Eelworm

Film shows soil testing, life cycle of eelworm and ways to minimise impact on potato crops. Ploughing, man inspects the soil for eelworm. Agricultural Development and Advisory Service shown. Soil samples taken to determine the intensity of the infestation. Shows extraction of cysts, soil dried, ground, added to water, sieved and results shown under a microscope.

Results sent to district advisor and crop rotation programme worked out.

Life cycle diagram shown. Potato trials and research. Ways to limit effects.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Element films

Technical liaison A L Winfield BSc ADAS

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 19 mins

TR MAFF  
PH6/118

### Making Reservoirs

Film shows how a reservoir is made using polythene in arid areas.

Film shows Alicante, Spain. Water is in short supply and area is arid.

Reservoir is built using a polythene lining, shown in detail.

Results of new irrigation system shown.

British Visqueen Ltd an ICI subsidiary

ICI (Espana) Ltd

Technical advisor Don Alvaro Gaspar and Alcudia SA

IMSA Managing Director Don Carols Mach

Producers Millbank Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15 mins

TR MAFF  
PH6/119

### Fish and the Seine Net

Film shows the use of the Seine Net in fishing from trawlers in Scotland.

Film introduction- 'This film was planned by the Marine

Laboratory, Aberdeen as part of their research programme on the efficiency of fishing gear.'

Fishing trawler at sea, using bottom of the sea nets. Seine net introduced from Denmark in the 1920's. Fishing boat comes into port, a 75ft vessel.

Graph of annual value of landing using a Seine net 1921-1951, and monetary values of different types of fish in 1951.

Seine net diagram of how it works in theory. Net on trawler shown being used.

Diver gets ready to film the action of the net under water, with a cinecamera. Shown in detail. Net allows under sized fish to escape.

Produced by Campbell Harper Films Ltd for the Scottish Home Dept

Acknowledgements to Skipper John Watt and the crew of the Ploughboy of MacDuff.

Photography Gordon Mackay

Underwater photography Lt Comdr H J Hodges

Commentator Joseph McLeod

Recorded by W W Fulton

Directed by Henry Cooper

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 18½ mins

TR MAFF  
PH6/120

Mastitis Counting the Cost

Film shows how half of cows have sub-clinical mastitis and the way to limit the effects.

Bank of England and other banks shown in London, regional branches shown, securicor van shown narrator states they all know how to look after their money. Gamblers coming out of a betting shop shown.

Farmer states he doesn't have a mastitis problem. Animated diagram to show a farmer who says this is either lucky, ignorant, a wicked liar or telling the truth. Sub clinical mastitis does not show up in the strip cup. Experiment of milking a cow to show only got mastitis in 1 fore quarter.

In Milk Marketing laboratory white blood cells are counted to see levels of infection in herds. Graph shown. Field trial scheme of teat dipping and dry cow therapy. Cartoon of bad and good milking.

Treatment of clinical mastitis by vet and antibiotics. Shows dry cow therapy for whole herd, keep milking records, test milking machinery every year, avoid over milking. Farmers give

positive opinions on the scheme.  
Beecham Agricultural Products  
The Royal Society of Medicine Film Unit in association with  
Stewart Hardy Films  
National Institute of Research in Dairying  
Milk Marketing Board  
Script Guy Ferguson  
Photography Peter Duke  
Animation John Williams  
Editor Vivian Warwick  
Director Esmond Wilson

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 22 mins

TR MAFF  
PH6/121

#### Cattle Handling

Film shows safe ways to handle cattle for the benefit of humans and cattle.  
Cattle shown, poor ways of handling shown, gate held by two men to pin a cow to the wall. Dead cows and dead farm worker through accidents and poor conditions.  
Handling examples shown including artificial insemination, vaccination, weighing, blood sampling and examination.  
Film advocates respect for the herd, no loud noises or sudden movements and humane consideration.  
Modern crush and efficient race shown. ADAS can help. Ideals outlined cattle crush, race, isolation boxes, properly built bull pen with safety gap.  
Central Office of Information for Ministry of Agriculture, Fisheries and Food  
De la chevre films  
Producer George Seager  
Director John Pitt  
Camera Douglas Hill  
Editor Roy Ayton  
Assistants John Shann and Gil Whelan  
Technical Advisors J F Cottam FRICS and K C Meldrum BVMS, MRCVS, DVSM

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15 mins

TR MAFF  
PH6/122

### Alice in Label Land

Animation film based on Alice in Wonderland to explain the 1970 food labelling regulations.

Food labels should have a description, ingredients and firm that produced or packed it.

Alice drinks and eats unlabelled items and shrinks and grows again. Alice purchases from a local store and is able to discuss what is in the product with the shopkeeper. [Characters are all from Alice in Wonderland]. Alice asks for information in a supermarket and the assistant is unable to answer.

Ministry of Agriculture, Fisheries and Food appears as a knight and reads out the 1970 labelling of food regulations, which came into force in 1973. Alice then explains in practical language. What to do when you want to complain.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Made by Richard Taylor Cartoon Films Ltd

Written and directed by Richard Taylor

Animation Denis Rich and Roger McIntosh

Background Simon Jackson

Food and packaging Ian Moo Young

Production Control Sue Day

Editor Janet Spiller

Acknowledgement Housewife's Trust

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 11 mins

TR MAFF  
PH6/123

### Metrification in Agriculture

Film promotes the use of the metric system for efficient farm work.

Potato harvesting, bags of fertiliser and chemicals in bottle on a fully metric farm. Metric farmer loads cow loaded into a trailer pulled by a landrover and taken to market. Ordinary market shown, cattle market shown equipment needs to be recalibrated for metric use. Cow sold.

Metric farmer buys petrol in litres. Imperial measurements discussed.

Milking equipment in metric and imperial. Metric farmer and his cowman discuss sale of cow, milk yield and cattle field in metric. Farmer shaving whilst he listens to cattle prices on radio.

Farmer discusses feed rations with a woman measuring out

cattle feed.

Farmer in his house, helping his child, Ian, with his metric maths homework, whilst his wife Molly measures her knitting in metric.

Farmer measures his planned shed extension and works out floor loading in metric.

Horticultural grower measures in Celsius, farmer collects some Chrysanthemums for his wife and returns home. His wife is doing the accounts.

Farmer then goes to machinery dealer to buy a metric baler.

Central Office of Information for Metrification Board

Marcus Cooper Ltd Productions

Director Peter Hopkinson

Camera Nobby Smith

Editor Roy Beeston

Production Manager John Bourne

Introduction by Dick Joice

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 13½ mins

TR MAFF  
PH6/124

Care of Grain

Film shows how to care for grain by keeping temperature and moisture content at recommended levels.

Combining with Massey Ferguson machine. Wheat stored for 18 years shown shown. Conditions under which it was kept shown.

Rotten grains of only a few months or weeks old. Mould spores.

Diagram of ideal conditions for keeping grain. Table of safe temperatures and moisture levels.

Temperature of grain heap measured using a thermometer, thermometer on a stick and special device.

Table of weekly temperatures. Moisture content, experiments shown on how to establish moisture content.

Protimeter Ltd

Pathway Films

Commentary Professor Tom Oxley BSc, ARCS, F.I.Biol, F.I.Agr.E

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 19 mins

TR MAFF  
PH6/125

### Time to Grow

Film shows the agriculture of Tasmania, Australia.  
Film opens with scenes of starving African? and Indian?  
People. Film states every farmer needs to grow more.  
Tasmania shown including terrain, agriculture and  
hydroelectric dams.  
Colonial housing exterior and interiors. Ransomes, Sims and  
Jefferies engines shown.  
Stockman on a motorbike rounding up sheep. Stock feeding.  
Milk industry, cooperative factory shown. Milk by products  
including butter oil.  
Beef cattle, cattle market. Slaughtered meat processing.  
Tasmanian Greys, good points shown. Breed improvement  
centres. Vegetable research. Armed forces food research for  
combat rations.  
Apples and by products including cider. Leatherwood and  
clover honey.  
Sheep, shearing merinos. Wool market.  
Tasmanian agricultural show including wood chopping, show  
jumping, cattle showing.  
Directorate of Industrial Development and Trade [Australia]

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 13 mins

TR MAFF  
PH6/126

### Thief in the Grass

Film shows effects of Liver Fluke disease on cattle and sheep,  
and how to prevent it.  
Film opens with farming scenes. Dead sheep with farmer  
inspecting it. Sheep carcasses in abattoir, livers condemned  
due to disease. Also the same for cattle livers.  
Live cattle sale in cattle market.  
Infected liver shown. Damage to cattle shown, scouring,  
emaciation, watery swelling beneath jaw and open brittle  
fleece. Signs include poor milking performance and beef  
taking longer to finish.  
Statistics of losses outlined. How it spreads outlined. Mud  
snails part in spread and life cycle. Map of infected parts of  
Britain.  
Ways of tackling including drainage, fencing off wet areas,  
spraying.  
Cattle being dosed and fed treatments.  
Imperial Chemical Industries Ltd

Millbank Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15 mins

TR MAFF  
PH6/127

Stockmanship Cow Handling Aids

Film shows mechanical help to farmers in managing milking cattle.

Farmyard and dairy worked by one cowman? shown with facilities including open ended parlour, backing gates, diversion gates, electrified gates, holding pens, stalls, cattle crush and calving box.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 11 mins

TR MAFF  
PH6/128

Farming - For those who live by the land - Quality Seeds

Film shows aspects of using quality seeds in farming. In the studio Frank Hall of National Institute of Agricultural Botany (NIAB) at Cambridge is introduced. Shows NIAB buildings. Talks about NIAB and shows trial grounds of cereals, grasses, vegetables and potatoes. Talks about recommended varieties. How farmers are able to get results of research. Guy Briggs in studio to talk about quality schemes. Seed drilling at NIAB. Course at NIAB for identifying cereals.

Harvesting, seed merchant at work. Sampling of bagged seeds.

Mr Skelton in studio as seed merchant. Seed analysis. Henry Burt, seed grower, and Paddy Taylor, a farmer all in studio.

Panel discuss seed testing extensively.

BBC TV Midlands

Introduced by John Cherrington

Director Desmond O'Leary

Producer Hilary Philips

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 33 mins

TR MAFF

Tomato (Growing) Culture Under Heated Glass

PH6/129

Film shows planting tomato seeds in a greenhouse.  
Man planting tomato seeds in greenhouse. Pricking out and grown on.  
Caption: Soil Preparation Greenhouse with no plants in, various aspects shown. Tractor cultivates soil in greenhouse. Rotary cultivator. Soil sterilised. Soil flooded after steaming.  
Caption: Culture in the Greenhouse tomato plants, planted on into greenhouse. Plants shown at different ages. Comparisons of different plants grown at different night time temperatures. Fertiliser, watering. Fruit shown. Dug up at end of growing season.  
National Institute of Agricultural Engineering, Wrest Park, Silsoe

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15½ mins

TR MAFF  
PH6/130

Dairy Farming Today Cowmanship No.5

Film shows ways to handle dairy cattle efficiently.  
Bill Wheeler and Kenneth Russell in a television studio.  
Average milking cow statistics shown. Cutaway diagram of a cow shown. How milk is produced.  
Cows in holding yard cooled by water cows into parlour.  
Shows how cows are more confident when they can pick their way and can see the way forward. Diagram of abreast and herringbone parlours good and bad layouts. Identification of cows by neckbands, tail bands and freeze branding.  
Diagram of milk let down. Marion Vale presents a section on milking machinery requirements in the studio. Cuts to milking parlour which shows use of strip cup to take fore milk, flushing clusters and teat dipping.  
Diagram of work units per cow in different types of parlour: abreast and herringbone and how many cows can be handled efficiently by one man.  
Records at Shuttleworth? Farm of milk quality records. Studio milk recording.  
Ministry of Agriculture, Fisheries and Food?  
Presented by Bill Wheeler, Kenneth Russell and Marion Vale  
Film cameraman John Lawes  
Film editor Oliver White  
Director Keith Clement  
Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 29½ mins

TR MAFF  
PH6/131

### Climate for Profit

Film heavily promotes the use of intensive farming and claims all livestock will be raised indoors and intensively by the year 2000, and all fields will contain crops only.

Free range chickens in a cottage garden outside a stereotypical country cottage, man knocks on the door and is made welcome. Film states that when animals are taken out of their natural environment they must be made to feel at home. Film cuts to giraffes in a zoo, film claims that they are happy in these conditions.

Roadside free range egg stall shown with customers paying more money than battery farmed eggs. Mechanisation of egg sorting shown. Battery chickens in sheds.

Dr David Sainsbury states that by 2000 all livestock will be housed and intensively farmed - no animals will be kept outside.

Cartoon of conditions including heat, ventilation, air movement, humidity and duration/light intensity. Stock house designers shown testing air movement.

Chicks in broiler houses. Protect housed livestock from sudden, loud noises, and lights. Veal calves in small crates housed indoors shown. Piglets born in a farrowing crate.

Farmer woken up by telephone alarm system to alert him to problems in his animal housing. Chickens in a controlled environment shown. Dr Sainsbury claims all farm land will be crops only by the year 2000.

Cygnnet Films

Thanks to: Armfield Engineering, Ringwood, Hampshire,  
BOCM Silcock Ltd, Stoke Mandeville, Bucks and Chessington  
Zoo, Surrey

Sponsored by BP

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 16 mins

TR MAFF  
PH6/132

### Potato Growing

Film shows methods of planting potatoes largely using hand labour, horse drawn machinery and tractors to a lesser extent.

Potato field, clover land, ploughed in. Manuring by hand. Autumn ploughing. Sub soiling. Seed potatoes spread out in trays for chitting. Close up of chatted potatoes. Spring ploughing. Potato ridging with row crop tractor. Three row ridger pulled by horses. Fertiliser loaded into horse drawn distributor. Also distributed by hand. Chatted seeds loaded onto horse and cart. Boxes set out on field. Women plant potatoes by hand. Horse pulled three row coverer. Tractor pulled coverer. Horse drawn roller. Horse drawn harrower. Harrowed and ploughed several times. Hand hoeing, earthed up. Horse drawn sprayer dusts for blight. Field of earlies harvesting. Men trim tops off potatoes to make a pathway to work from. Tops loaded onto cart. Spinner lifts potatoes, picked by hand. Harrow first line done. Riddle and weighing machine moved to clear area. moves onto rest of field. man walks behind and uses pitchfork to gather potato tops.  
Ministry of Information  
Produced by Great Britain Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 18 mins

TR MAFF  
PH6/133

Eating can be good for you

Film shows how to eat a healthy range of foods. Supermarket shown, not all food is good for you. Farmers feed animals correctly. Veal calves in crates being fed. Animated overweight man. Family eating. Reasons why need food. Laboratory nutritional experiments. Animation of human body and components. Need based on size. Animated nutrition family shown what they are found in and benefits of eating them - Protein, calories, calcium, phosphorous, iron, vitamins A, B<sup>1</sup>, B<sup>2</sup>, C and D. Animation of growing taller and living longer compared to Victorian? ancestors. Supermarket with wide choices, children eating an ice lolly and sweets. Adults eating burgers, chips and other food low in nutritional value. Animation of ways to avoid nutrient loss - not cutting salad too fine, leaving salad uncovered, cooking vegetables for too long, too high a temperature in too much water. Animation of overweight person going to the Doctor, his wife, also overweight finds out how to eat healthily. Family eat healthy breakfast together, and man weighs himself, his family congratulate him on losing weight.

National Dairy Council  
The Danish Dairy Market Board  
Produced by Henning Ebbesen and Peter Bradford  
Camera Arne Abrahamsen and Ken Reeves  
Director Michael Paul  
Editor Jorgen Lauritsen  
Animation Spectrum Film and Jacob Koch  
Produced by Magica Films Productions A/S and World Wide  
Pictures

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15 mins

TR MAFF  
PH6/135

If One Green Bottle

Film shows the benefits of glass factory safety, using a courtroom drama situation of an injured worker and his employers negligence  
Film shows main witnesses. Film cuts between court room scenes of a trial of a glass manufacturer, whose employee was injured, and flashbacks to events that happened as described in the case.

Ceramics Glass and Mineral Products Industrial Training Board  
Millbank Films Ltd  
Photography by Peter Grimwood  
Assistant photography Peter Woodward  
Sound by Bob Cox  
Assistant sound Peter Glossop  
Edited by Allan Morrison  
Make-up Roy Ashton  
Set designer Alan Patrick  
Production manager Pat Morton  
Script by Jon Rollason  
Directed by David Evans  
Health and Safety Committee of Glass Manufacturers  
Federation

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 21 mins

TR MAFF  
PH6/136

Bulk Handling of Milk

Film shows the advantages of bulk collection of milk by

tankers.

Tanker collecting milk from Park Farm from a bulk tank. Milk churns shown. Disadvantages of churns outlined. Milk room and parlour shown.

Diagram of workings of interior of parlour. Working of interior of bulk milk tank. Sampling milk. Shows how bulk milk is collected by tanker.

Ministry of Agriculture, Fisheries and Food Milk Service  
Thanks to Mr A Godsal of Haines Hill, Twyford and Milk Marketing Board

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7½ mins

TR MAFF  
PH6/137

### Swill Drill

Film shows how to avoid the spread of disease by good handling of waste products from dead animals, which are to form the basis of swill to feed to pigs.

Pigs feeding in yard. Men unloading a lorry of cans of raw waste products from dead animals. Dead chickens processed in an abattoir.

Man at abattoir collecting waste products, then stops at grain merchants and places grain near swill. Unloads uncovered cans of waste. Sparrows eat out of open cans, as do chickens. Dog is given bone from cans, all of which spread disease. Undercooked swill.

Pigman shows man unwell pigs, he ignores symptoms and proceeds to market with his pigs. Pigs loaded onto dirty lorry that raw waste came off.

Diagram of statistics of fowl pest and foot and mouth.

Outlines proper way to keep, prepare and handle swill.

Ministry of Agriculture, Fisheries and Food Animal Health Division

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 mins

TR MAFF  
PH6/138

### Swayback in Lambs

Film shows symptoms of Swayback in lambs and prevention. Flock of sheep and lambs, lambs about to die of severe symptoms. Less severely effected lambs and older lambs

where the onset of the disease was delayed.  
Map of effected areas in Scotland and England and Wales.  
More dead and dying and effected lambs. Normal and effected  
sheep brain shown. Diagram of lamb inside sheep.  
Caused by a lack of copper, scenes of pregnant ewes being  
dosed with copper sulphate, salt licks, and injections.  
Ministry of Agriculture, Fisheries and Food Animal Health  
Division

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 6½ mins

TR MAFF  
PH6/139

#### Pig Rearing Houses

Film shows different types of pig housing for rearing and  
farrowing pigs.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6 mins

TR MAFF  
PH6/140

#### Farrowing Accommodation

Film shows various indoor farrowing systems for pigs.  
Field of free ranging pigs and pig arcs.  
Indoor intensive pig rearing shown. Materials and  
construction. Creep feeder.  
Indoor farrowing in converted buildings and ready made  
buildings. Different crated systems shown, and stalls systems.  
Ventilation and ideal conditions outlined.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7½ mins

TR MAFF  
PH6/141

#### Pig Finishing Houses

Film shows aspects and different types of pig finishing houses.  
Pigs in finishing houses, ventilation, sleeping pens. Feeding  
and watering, bedding and sleeping. Removing manure,  
roofing.

Measurements of arrangements. Intensive houses feeding and cleaning systems.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 9 mins

TR MAFF  
PH6/142

### Chute Milking Parlour

Film shows workings of chute milking parlour.

Model of chute parlour which is capable of milking over one hundred cows. 2 parlours and a central dairy. Top of model lifted off to show interior layout.

Real chute milking parlour. Cleaning of stalls, pit, automatic operation of stalls. Feeding hoppers. Diagram of how it works.

Cows waiting to be milked outside parlour. Milking in progress. Fore milk taken, udder washed. Bulk tank shown.

Dimensions of parlour shown on diagram.

Ministry of Agriculture, Fisheries and Food Advisory Service

Commentary Eric C Vestergaard

Thanks to R H Currie Ltd

Ilgars Manor Farm

Woodham Ferrers

Essex

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 7 mins

TR MAFF  
PH6/143

### Guard Against Mastitis

Film shows effects of mastitis and how to prevent it.

Herd of cows leaving a farmyard. Mastitis loss statistics shown, disease outlined.

Cows with it shown, fore milk shown. Laboratory testing for it disease under the microscope. Good milking hygiene routine shown, including cleaning udder and cluster. Cluster liners shown, cleaning of milking units. Maintenance regime. Vet attending cow.

Ministry of Agriculture, Fisheries and Food Animal Health Division

Thanks to Mr D Cowan, Sandhill farm, Reigate, Sussex

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 9 mins

TR MAFF  
PH6/144

Mechanical Handling: Mechanised Potato Harvesting

Film shows way to harvest potatoes using machinery.

Section 1 - picking into boxes

Potato field shown, various methods of picking. Potato plough shown. Picked up by hand into small baskets and then tipped into boxes. Diagram of field layout for boxes. Field boxes shown. Boxes taken back to potato store and emptied into pile. Boxes returned to field.

Section 2 - One ton box storage

Harvester used, potatoes directly picked into boxes and stored in boxes.

Ministry of Agriculture, Fisheries and Food and National Advisory Service

Cooperation of North Lindsey District Committee

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 5 mins

TR MAFF  
PH6/145

Safety in the Greenhouse

Film shows safe use of greenhouse pesticides

Man emerges from greenhouse coughing after using pesticide without a mask.

Variety of produce shown which pesticides have been used on.

Types of spraying equipment shown. Concentrated pesticide is lethal, man mixing it.

Shows what protective gear must be worn. Lock greenhouse doors after spraying, danger signs on doors with spraying information. Smoke pesticide lit.

Man washing overalls and his hands and face after spraying.

Drives off in a VW Beetle car.

Ministry of Agriculture, Fisheries and Food Safety Inspectorate

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 6 mins

TR MAFF

Vaccinating Poultry Against Fowl Pest

PH6/146

Film shows vaccination of poultry in detail, what equipment to use and when to vaccinate

Chickens free range and caged birds. Syringes shown: automatic multi dose and hypodermic.

Automatic syringe shown being sterilised and reassembled.

Fowl pest vaccine in the fridge, bottle shaken, needle fitted and vaccine connected to automatic syringe. Hypodermic needle shown and how to get the correct dose.

Dead bird showing where to inject, partly dissected to show the muscle and liver. Live bird injected in the breast area.

Dead bird leg injections and live bird leg injections.

Chicks of various ages shown. Teams of vaccinators shown doing their work, small farmer using hypodermic needle.

Turkeys vaccinated. Vaccination team changing outside chicken shed.

Filmed by Glaxo with the cooperation of British United Turkeys Ltd, Bucks, The Buxted Chicken Co Ltd, Sussex and F & G Sykes Ltd, Wiltshire

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 13 mins

TR MAFF  
PH6/147

Mechanical Handling; Mechanised Sugar Beet Harvesting

Film shows ways in which sugar beet harvesting can be mechanised to reduce labour costs

Sugar beet field shown. Machine lifting shown, diagram of machinery needed and then live action of machine lifting.

Carrier harvester shown, diagram of machinery needed and then live action of machine lifting.

Loading crop to transport to factory shown, mechanised tractor loading a lorry with a foreloader. Cleaner loader shown, dirt tear levels outlined for hand, machine and cleaner loader. Concrete loading pads shown.

Ministry of Agriculture, Fisheries and Food

Made with the cooperation of North Lindsey District Committee

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 6 mins

TR MAFF

Mastitis Control

PH6/148

Film shows good milking hygiene routine in the parlour  
Herd of Friesian cows waiting to be milked.  
Hygiene regime in the milking parlour outlined including  
wearing of rubber gloves which are washed in disinfectant  
between each cow, washing udders with disposable paper  
towels and teat dipping, with minimal machine stripping.  
Slightly different method? shown for a Herringbone parlour.  
Strip cup with mastitis in it shown. Herdsman treating cows  
for mastitis, under veterinary advice.  
National Institute of Research in Dairying

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 4½ mins

TR MAFF  
PH6/149

Early Potatoes in the West

Film shows how early potatoes are planted in Pembrokeshire  
and Cornwall to maximise profits  
Coast and neighbouring fields shown in Cornwall or  
Pembrokeshire. Cornwall main potato areas Lands End and  
the Lizard and Pembrokeshire main areas Tenby, Dale and St.  
Davids.  
Potato fields narrator says can lift them by 3rd week of May,  
need to lift early to take advantage of market conditions.  
Certified potato seed shown, re-graded by grower into  
wooden trays. Chitting potatoes. Glass houses shown in  
Pembrokeshire and stone barns in Cornwall, importance of  
lighting and temperature.  
Early ploughing, fertiliser, hand planting in February, machine  
planting and semi automatic and fully automatic machine  
planting.  
Applying herbicide. Irrigation in Pembrokeshire, rain gauge  
shown.  
Harvesting, tops are pulverised, hand pickers shown, also  
complete harvesters, as labour is difficult to get. Loaded sacks  
to market on lorries.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 mins

TR MAFF

Office Machines and Equipment

Page 85 of 150



PH6/150

Film shows machinery available for the small office  
Film shows writing using pen and ink. Typewriter shown,  
printing machinery. Voice recording on stenorette machine.  
Portable dictation machinery shown in use in a livestock  
market, car, pub and home environment.  
Dictation tapes transcribed in the office and a remote system  
via a telephone.  
Types of copying outlined including diffusion transfer,  
electrostatic, dyeline copies, offset litho machinery.  
Despatching envelopes stuffing by hand, folding machinery.  
Binding machinery shown. Various calculating machines  
shown.  
Ministry of Agriculture, Fisheries and Food Organisation and  
Methods

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 9 mins

TR MAFF  
PH6/151

Dry Sow Housing

Film shows different types of pig housing and how they work.  
Pigs outside in a field, with piglets and huts. Indoor pig  
housing, layout, feeding, removing dung. Pig stalls, watering  
and outdoor cube housing.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5½ mins

TR MAFF  
PH6/152

Pipeline Milking in Cowsheds

Film shows how expert advice could save time and money  
when deciding to change way of milking.  
Cowshed with pipeline milking in place. Cleaning of clusters  
can be done automatically, so goes some way to the  
advantages of a milking parlour. Mucking out and feeding.  
Pipeline plant shown and bulk tank.  
Another farm shown where pipeline milking isn't so effective.  
Reasons why explained.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 4 mins

TR MAFF  
PH6/153

### Bale Handling

Film shows various ways of moving hay bales  
Baling. Manned sledge pulled behind tractor. Unmanned sledge producing rough piles. Automatic stacking sledge. Bales picked up by front and rear loads on tractor. Temporary bale stacks. Gripping loader attachments. Portable elevator. Bales unloaded into barn.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 4½ mins

TR MAFF  
PH6/154

### Crop Irrigation

Film shows advantages and methods of irrigation on crops  
Water sprayer in close up, spraying crops. Woburn Experimental Station, various crops spraying. Weather station shown. Wet field shown, plant roots shown. How plants transpire water and aim of irrigation outlined.  
How to irrigate outlined: choose source of water, measure water source, decide on type, size and location of reservoir, pumping equipment, tractor used as pump and fixed pump shown.  
Pipes shown as portable and permanently fixed. Massey Ferguson digger digging hole for laying pipes. Layout of pipes shown. NAAS and Drainage and Water Supply Advisers shown, who are able to help with gaining grants towards irrigation.  
Made by Midland Bank  
Guild House Films in association with The Film Producers Guild Ltd and Charles Barker & Sons Ltd  
Producer David Cobham  
Director Simon Campbell-Jones  
Script Ivan Pattison  
Photography John McCallum  
Editor Ken Rowles  
Commentary John Watson  
Sound Fred Turtle

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 8½ mins

TR MAFF  
PH6/155

### How Gramoxone Works

Animated film shows how the herbicide Gramoxone [paraquat] works  
Cartoon: field full of weeds, man dressed an ancient Greek, cuts down weeds and they re-grow.  
Contemporary man crop spraying with a tractor. Man in deck chair with pipe and pint of beer watches him.  
Film outlines problem with using herbicide after planting. Two types originating from Diquat (Reglone) and Paraquat (Gramoxone). Structure of Gramoxone shown. Film explains how it works in detail. How to apply it effectively. Examples of when to use it.

ICI Plant Protection Ltd  
Stewart Hardy Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 mins

TR MAFF  
PH6/156

### Single Suckled Calves

Film shows benefits of winter born calves as profitable beef cattle.  
Herd of cows, 18-month beef stores. Single suckled calves growing demand for young beef. Cattle market. Upland farms sheep and cattle on fields. Bull shown. Supplemental feeding. Creep feeding of calves. De-horned and polled cattle. Graphs of winter born, early and later spring born calves showing weights and profitability of each. Weaned calf sales shown and cattle auction.  
Ministry of Agriculture, Fisheries and Food  
National Agricultural Advisory Service  
Location courtesy of Roy Jones, Gwarllan, Sennybridge  
Mrs Price and Sons, Gwarallt, Builth Wells.  
Auctioneers Campbell & Edwards, Llandridnodd Wells and D L Jones and Vincent Morgan, Brecon

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 8½ mins

TR MAFF  
PH6/157

### Lime and Liming

Film shows advantages of liming soil. Tractor and machinery liming fields. Limestone quarry, explosion. Soil needs lime, liming shown. Ground limestone and chalk shown in petri dishes. Map of where limestone found. How it is produced, harvesting limestone from beach in Cornwall and parts of Devon and dredging it from a boat. Waste lime from other processes. Quarry and explosion. Crops shown susceptible to acid soil, crop failures shown. Diagram of effect of limed and un-limed planting. Cows grazing, petri dishes again to illustrate neutralising value (NV) and fineness of lime. Laboratory determining NV and measuring fineness. Farmer and sales representative discussing lime in a field. Cost of lime - diagram showing relationship between NV and cost to give unit cost. Different soil types shown in experiment. Liming ploughed land, hill filed and rough grazing land. Effect of over-liming shown on crops. Man soil testing to measure acidity levels. Ministry of Agriculture, Fisheries and Food National Agricultural Advisory Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 11 mins

TR MAFF  
PH6/158

### Mechanical Harvesting of Strawberries

Film shows how strawberries can be mechanically harvested for the food processing industry. Strawberry field with picking gangs. Machinery to harvest strawberries shown. Shows in detail how the machine works. How to plant for mechanical harvesting and varieties of strawberry to use. Harvested fruit to packing shed. Shows how strawberries are put through machinery to cut the tops off and sorted by hand. Process shown in detail and at length. Different type of strawberry machinery shown. Hand picking gangs working in conjunction with machinery. Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 9½ mins

TR MAFF  
PH6/159

### Building for the Single Suckled Herd

Film shows various buildings for housing beef cattle in the winter months  
Hill area farmland shown. Beef cattle outside, film states more cattle are now being housed in the winter.  
Cattle housing shown. Poll barn type. Features shown and materials made of. Pre fabricated buildings in different material shown. Cattle in shed with exercise area. Silage from silo barn, self feed. Self feed and manger feeding shown. Cow cubicles, tractor scraping slurry into pit. More cubicles in different building. Cattle crush. Aspects of different cubicle shown. Creeps for calves.  
Triple span buildings on a mechanised farm.  
Diagram of building for single suckled calves, different designs but use the same principles.  
Ministry of Agriculture, Fisheries and Food Agricultural Land Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 8½ mins

TR MAFF  
PH6/160

### Stockmanship Series: Milking

Film shows how to milk cows successfully in a milking parlour  
Herdsman in cow yard. He checks milking machinery, belt tension, oil levels and pressure gauge. In the parlour he checks bleed hole in cluster is clear, vacuum is correct in cluster with stopwatch. Feed dispenser weights and disinfectant levels.  
In yard cows waiting to be milked, should be handled considerately and using same routine. In parlour herdsman identifies cows and feeds them automatically. Takes fore milk, washes and dries udder, attaches cluster, no machine stripping, dips teats and records levels of milk.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5 mins

TR MAFF  
PH6/161

### Fowl Pest Live Vaccine

Film shows how to vaccinate day old chicks and ten-day-old chicks against fowl pest using live vaccine  
Chickens in shed. Men outside shed mixing up vaccine wearing protective clothes.  
Day old chicks vaccinated using eyedroppers, how it is mixed and how to apply it. Beak dipping shown. How to spray chicks in large groups. Mixing vaccine into drinking water in watering cans for ten-day-old chicks.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5 mins

TR MAFF  
PH6/162

Rabies Taking No Chances

Film shows symptoms of rabies and how Britain is protecting itself against infection  
Child walking through the countryside, stalked by border collie sheep dog, who then attacks and bites the child.  
Hospital treat child. Pictures of people who have been infected with rabies, dying and dead people.  
British port strict quarantine controls. Customs officials checking vehicles for smuggled animals. Port authorities check boat for animals. Dog escapes boat and is found by a child. Police arrest crew and dog warden impounds the dog which is then put down by the vet.

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6 mins

TR MAFF  
PH6/163

Fallout

Film shows supposed effect of nuclear fallout on food stores through simulations of conditions  
Nuclear explosion shown.  
Building with extensive damage used as experimental building to show supposed effects from fall out on food stores.  
Including effects of smoke, water droplets and fallout.  
Examined in detail. Damage of full blast simulated. Damage assessed. Film states some food will be edible after a nuclear blast and resultant fallout.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 mins

TR MAFF  
PH6/164

#### An Introduction to Automation - Pig Feeding

Film shows how automation can be applied to pig feeding  
The farm of Tom Hartley and Son who have automated their  
pig feeding systems. Machinery shown in detail.  
Ivan Barnett in Staffordshire planning automated milling and  
mixing system with representative of local electricity board.  
Diagram of how machinery works, and machinery itself  
examined in detail.  
FarmElectric

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5 mins

TR MAFF  
PH6/165

#### Nutritional Deficiency in Chicks

Film shows a range of nutritionally deficient chicks alongside a  
healthy control chick to demonstrate the symptoms.  
Ways to avoid it and why it happens.  
Ministry of Agriculture, Fisheries and Food Veterinary  
Investigation Centre

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15½ mins

TR MAFF  
PH6/166

#### Insects and Mites in Stored Grain - Prevention

Film shows how to prevent insect infestation in stored grain  
Four combine harvesters working a field. Close ups of grain  
infested with insects. Grain Beetle, Mites and Saw Toothed  
Grain Beetle.  
Effects of insects in grain, ways in which they get into grain  
stores. Cleaning of grain stores, brush, vacuum clean and  
spraying roofs, walls and floors.  
Cooling grain before storing and mixing in preventative  
chemicals.  
Combine harvesting scenes.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 6 mins

TR MAFF  
PH6/167

### Feeding a Complete Diet to Dairy Cows

Film shows how dairy cattle feed is mixed with a high degree of automation

[Filmed at Berryfields or Buryfields]

Field of dairy cows. Tractor moving large bale of straw into a tub grinder. Moved from tub grinder up a belt elevator and the result is shredded straw.

Shredded straw moved by industrial loader to a tractor and trailer (with mixing machinery in it). Tractor takes load to shed which contains pipes for other ingredients to be added from. Cereal, protein concentrate and molasses added and mixed. Silage then added to the mix by tractor. Mixed again. Cattle fed directly from trailer into mangers in shed. Cattle going to field to graze.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 8 mins

TR MAFF  
PH6/168

### Rinderpest - the Clinical Aspect

Film shows symptoms and effects of Rinderpest, and aims to educate American farmers in how to recognise it to keep United States of America free from the disease.

Map of Africa to show outbreak in 1893, how it transferred.

Europe and United States of America free of disease. Africa - giraffe, antelope? and cattle. Symptoms shown, including dissected cow. Other diseases can have similar symptoms.

Symptoms again, dead cow. How it attacks cattle and disease progresses. Dissecting a cow to show effects. Pigs, sheep and goats also infected. Africa cattle vaccinated.

United States Department of Agriculture, Agricultural Research Service Animals and Plant Health Inspection Service  
Filmed at Plum Island Animal Disease Center, Greenport, New York

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 10½ mins

TR MAFF  
PH6/169

### Exotic Newcastle Disease and Fowl Plague - Clinical Aspects

Film shows symptoms of Exotic Newcastle Disease and Fowl Plague using live infected birds and post mortem examination. Chicken products shown, consumer buying chicken in supermarket.

Intensively farmed chickens. Effects some types of exotic birds, wild and domestic birds.

Clinical signs in live infected birds and post mortem signs in detail.

United States Department of Agriculture, Animal Health and Plant Health Inspection Service

Filmed at Plum Island Animal Disease Center, Greenport, New York

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 10½ mins

TR MAFF  
PH6/170

### Take Care When you Spray

Film shows how to spray crops safely

Farmer visits his neighbour the day before spraying to warn him to keep his bees out of the way.

Next day farmer meets a man who is to do the spraying. First the farmer reads the MAFF pamphlet on safe spraying. Lorry arrives with equipment relating to spraying on it. Tractor and sprayer already there. The two men put on overalls and read the label on the drum before mixing. Mixes and tank on sprayer is filled. Starts spraying field.

Empty drum returned to lorry. Changes spray nozzle on sprayer. Cleans sprayer. Both men wash their overalls and hands and faces. Then have lunch in the hedgerow.

Ministry of Agriculture, Fisheries and Food Safety Inspectorate  
Fison's Farmwork Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 mins

TR MAFF  
PH6/171

### An Ounce of Prevention

Film shows preventative medicine programme helps to increase pig yields on intensively farmed pig farms  
Intensively farmed pigs and piglets. Dead pigs and piglets on the back of a lorry. Pig autopsy shown. Laboratory examination. Abattoir shown, butchering pigs.  
How to keep disease at bay outlined. Including: herd security; warning signs; diagram of good layout of intensive pig farm; waste and slurry disposal and feed delivery; separate entrances for loading and unloading and hygiene. Vet supervision important.  
Vet visits farm and discusses pig health with the farmer. Sources of stock, artificial insemination and environmental conditions. Vet examines ill and dead piglet. Medicines in fridge and sterilise instruments. Examiner Weaner house. Examine farm records. Vet visits abattoir to get information about pig health. Tagging piglets.  
Central Office of Information for Ministry of Agriculture, Fisheries and Food  
Director Richard Fawkes and Stanley C Marks  
Narrator Joss Ackland  
Script Abel Goodland  
Photography David Allen  
Sound Mervyn Gerrard  
Production Manager Nick Mead  
Thanks to David Overton and staff at Wildemere Farm, Suffolk

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 23 mins

TR MAFF  
PH6/172

#### Tile Draining by Hand

Film shows replacing a drain in a field using manual labour  
Muddy patch in a field; farmer inspects it. Localised problem. Farmer calls in Ministry of Agriculture, Fisheries and Food drainage advisor. Together they find the cause of the problem - a silted up drain.  
Farm labourers set to the task of replacing it. Diagram of how to do it properly. They prepare and dig a trench manually. Film shows in detail how to do it. Shows finished working trench.  
Ministry of Agriculture, Fisheries and Food  
Land Drainage and Water Supply Division  
Acknowledgements Mr C G Britten, College Farm, Hilton, Huntingdonshire  
Messrs Hobson & Stock, the Grange, Hilton, Huntingdonshire

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 6 mins

TR MAFF  
PH6/173

### Wild Oat Menace

'Shows how carelessness encourages spread of wild oats and preventive measures which can be taken. Danish commentary but film can be understood'

Ministry of Agriculture, Fisheries and Food Film catalogue p. 101

Farmer cutting oat crop with tractor and machinery. His wife and young son wave to farmer, and son runs over and takes over driving tractor from his father. Shows wild oats in crop in close up. Time-lapse photography of how they grow.

How oats spread: men moving sheafs of oats into thresher, the threshing gang then leave the farm and move to another one taking the wild oats with them.

Another farmer buys the crop of straw from the first farmer and drives off with load on a tractor with dog on bonnet of tractor. Truck takes oats to merchants and spreads wild oats that way. Dockyard, ships and wild oat plant growing on the quayside. Unloading ship of oats or loading. Grain delivered, more contamination at another farm.

First farmer feeds oats and chopped up straw to pigs, cattle and chickens spreading the wild oats. Threshing again, old Hessian sacks reused. Spreading farmyard manure on fields spreads wild oats.

Seed drill loaded with oats. Close up time-lapse photography of growing wild oats. Farmer and his son inspect field and wild oats growing in it. Pull them up and leave them in a pile by the side of the field.

Farmer in bed and is haunted by wild oats. People reading leaflet about wild oats, including farmer, his wife and son. Cleaning sacks after use. Milling flour. Cleans threshing machinery before us. Cleans combine-burns waste. Wild oats growing in a root crop are pulled up and burned. Seed drilling. Pulling wild oats out of crop by hand and burning them. Farmer checks seed as it goes into drill. Burning and pulling up oats.

Animated wild oats on broomsticks flying around the moon.

Lanbrugets Informations Kontor

Distributed by Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 27 mins

TR MAFF  
PH6/174

### Land Reclamation

Film shows how land can be reclaimed by ditching, draining, copse clearance, rough grazing land and bracken  
Cleared land shown. Explosion to remove tree stumps.  
Crawler tractor bulldozing trees; clearing ditches and ploughing up rough grazing land.  
Draining land, laying drains. Grassland, hills, hedges and bracken shown as areas which could be reclaimed. Farmer and contractor inspect wetland. Government grant available for drainage.

Contractor in field inspects original field drains. Uses theodolites to plot land rise and fall and produce a plan.  
Drainage work begins. It is lowland farm on Holderness peninsula. Trained operative with a Priestman and side dragline work on main ditch. Shows a Stanhay ditch master worked by farm labour. Sapher? cleaner and tractor shown.  
Back with Priestman cutting a trench and putting in drains. Different types of drainage machinery shown.  
Scottish hills machinery shown - water buffalo tractor, sod seeder. Tests conducted on spraying tussocks of grass to remove them. Tussocks burned, rotavated and seed sown.  
Helicopter used for spraying. Bracken area being reclaimed near Tunbridge Wells, ploughed twice, disc harrowed and resultant crops shown.  
Wood clearance. Contractor checks copse for estimate of costs. Bulldozer moves in and clears wood. Cleared hedgerow shown. Digging up tree trunks using explosives. Explosion shown. Disc harrow and then field shown after reclamation.  
Shell-Mex and B P Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 23 mins

TR MAFF  
PH6/175

### Land Reclamation Experiments

Film shows the how extraction of sand and gravel from underneath prime agricultural land can be reclaimed as prime agricultural land. Method shown in detail.  
RMC Production Film Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 26 mins

TR MAFF  
PH6/176

### The Muck Problem

Film shows ways to dispose of liquid and solid slurry  
Farm scenes of crops and livestock. Livestock producing muck.  
Previously muck removal was done by hand scraping.  
Intensive farming means more muck in concentrated areas.  
Amounts of muck produced by cattle, pigs and chickens  
shown together with various removal methods.  
Constructing a slurry tank. Pond storage. Three types of  
tankers shown. Pipe system shown and disadvantages.  
Pollution of watercourses not allowed. Four children playing  
in a stream.

Central Office of Information for Ministry of Agriculture,  
Fisheries and Food

Script Chris Millett

Director A E C Hopkins

Camera Harry Orchard

Animation Brian Stevens

Editor Helen Wiggins

Technical Advisor Warner K Hall NDA, ND Agr E, NAAS

Mechanisation Advisor

Made by Helen Wiggins Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 25 mins

TR MAFF  
PH6/177

### Farming -Making the Money Go Round Part 1

Film explains about capital budgeting on the farm, introduced  
by Clifford Selly.

BBC TV

Script by Clifford Selly

Captions Tony Workman

Camera Ian Stone

Sound

Bill Barker

Film Editor Robert Gore

Director and Producer John Kenyon

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 24 mins

TR MAFF  
PH6/178

Pig Farming Today No.7 The Future

Film shows artificial insemination of pigs, new breeds and pig housing

Film presented by Bill Wheeler. Map of artificial insemination (AI) centres in Britain. AI doses shown being prepared in the laboratory, stored and despatched. Sow is tested for being in heat. Inseminator arrives on a farm to begin work. Conception rates discussed and insemination cycle and programme.

Edinburgh research station - discuss three new pig breeds extensively. North Scotland Agricultural College.

Studio- discuss pig housing and show models. Intensive pig farm near Aberdeen shown. Pig operations in detail.

BBC TV

Graphics John Seymour

Music Radiophonic workshop

Cameraman Stewart Farnel and John Lawes

Editor Norman Burgess and Oliver White

Director David Spires

Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 29½ mins

TR MAFF  
PH6/179

Pig Farming Today No.5 Management

Film shows how good pig management can improve profit Introduced by Bill Wheeler. In television studio vet discusses pig health. Discusses Bowel Oedema, salt poisoning and post weaning scars - symptoms, treatment and how to avoid.

Record keeping of herd model in studio and explained how it works in detail. Farm of Richard Jordan in Northern Ireland to show how record keeping and good pig management makes his herd high grade. Farm of Arthur Bates discusses with Bill Wheeler his pig enterprise.

BBC TV

Graphics John Seymour

Music Radiophonic Workshop

Camera John Lawes and Eric Pullen

Film Editor Oliver White

Director David Spires

Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 29½ mins

TR MAFF  
PH6/180

### Pig Farming Today No.1 The Sow

Film shows aspects of successful sow management  
Bill Wheeler in television studio outlines profitability of sow  
breeding. Different examples from different farms ranging  
from free roaming outdoor pigs to intensively farmed indoor.  
Outlines breeding, system of management, regularity of  
farrowing, disease control and sow feeding.

BBC TV

Graphics John Seymour

Music Radiophonic Workshop

Camera John Lawes

Film Editor Oliver White

Director David Spires

Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 29½ mins

TR MAFF  
PH6/181

### Swine Fever Diagnosis

Film shows procedures for veterinary surgeons in the field  
when examining for swine fever, procedures at Ministry of  
Agriculture, Fisheries and Food divisional office and the  
laboratory. Symptoms of swine fever, post-mortem technique,  
swine fever lesions, the test for swine fever and examination of  
the pig brain. Film is aimed at veterinary surgeons.  
Central Veterinary Laboratory Ministry of Agriculture, Fisheries  
and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 35 mins

TR MAFF  
PH6/182

### Tractor Ploughing Finishes

Film shows extensive scenes of tractor ploughing with a 3 and  
2 furrow plough. Close ups of furrows.

National Institute of Agricultural Engineers

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 11 mins

TR MAFF  
PH6/183

Pietrain 'Creaper' Syndrome

Film shows symptoms in piglets after 6, 12 and 19 days, by which time the piglet can no longer walk.

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 3 mins

TR MAFF  
PH6/185

Beef, Grass and Dairy Calves

Film shows how beef can be produced from dairy cows. Shows autumn born and spring born calves.

Autumn born calves at market, selected. Housed individually, vaccinated by vet, tagged, fed, dehorned and castrated. Once older transferred to group pens. Paddock is prepared and calves turned out of winter yards. Weighed. Supplementary feeding outside. Moved onto new areas of grass. Silage cutting, fertiliser applied to grass. End of summer bought into yards for finishing. Weighing and grading.

Spring born calves, individual pens, turned out in summer, fed supplements and each calf checked regularly. Late autumn transferred to winter yards. Silage feeding. Turned out in summer again. Taken to market.

Animated diagram of weights of autumn and spring born calves. Shows carcasses and differences between them.

Central Office of Information for ADAS and Ministry of Agriculture, Fisheries and Food

Technical Advisors K MacLeod BSc ADAS

R B Mair BSc

P J Turner NDA ADAS

Element Film Productions

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 19 mins

TR MAFF

Building in Prospect

PH6/186

Film shows how farming of the time needed appropriate new and converted buildings due to mechanisation, intensification and specialisation.

Farm machinery shown. Bulk storage tanks in sheds and milk churn collection shown. New buildings and old buildings shown. Some converted for modern use. Nineteenth century model farm shown.

Intensive pig unit shown, horticultural greenhouses. Thatching.

Farmer Chew needs advice of grain storage building and contacts Agricultural Land Service. Farm buildings centre at Stoneleigh shown. Chew visits another farm which has installed modern buildings, grain store and process shown. Cattle housing and milking at another farm, abreast parlour in converted buildings.

Another farm with old buildings unsuitable for purpose of pig farming, new farmhouse and buildings built outside village and farm moved.

Ministry of Agriculture, Fisheries and Food (MAFF) stand at an agricultural show. Farm walks and open days for farmers shown.

Mr Chew and surveyor examine plans for his grain store and send the plans to the council and MAFF to apply for a grant. Plans approved and works begins, overseen by the surveyor. Progress of buildings shown. Mr Chew harvests wheat and uses his new grain store.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Produced by Town and Country productions

Photographer Michael Nunn

Editor Stella Smallwood

Technical Advisor John Brierley FLAS and Phil Harrison ARIBA

Director Bill Latto

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 26 mins

TR MAFF  
PH6/187

Milking Parlour Abreast

Film shows how an abreast milking parlour works  
Diagram of abreast parlour, real parlour showing cows entering and leaving. Model of how it works. Real parlour showing milking. Dimensions on a model and features of the empty real parlour.

Ministry of Agriculture, Fisheries and Food  
Filmed with permission of The Lord Stafford, Swynnerton Hall,  
Stone  
Commentary by Eric C Vestergaard

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 8 mins

TR MAFF  
PH6/188

### Combine Harvesting

Film shows combine harvesting with a tractor and attached  
machinery [International]

Caption: Corners by loop turn shows combine harvesting with  
a tractor and attached machinery.

Caption: By reversing shown.

Caption: Adjustments man examines manual and adjusts  
machinery, diagram.

Caption: Sleeves and air blast, Checking the sample, Barley a  
good sample, close up of barley

Caption: An average sample close up of barley.

Caption: A poor sample close up of barley. Sieve shown, close  
up, air blast shown, man adjusting it.

Caption: Grain on the ground, man places board under the  
machine to show grain that has fallen on the ground. Diagram  
of machine and faulty part possibly shown.

Caption: Checking tailings, man checks them.

Caption: Seating drum and concave, Un-threshed ears of  
grain, close up of man rubbing grain ears, check cut straw in  
field.

Caption: Cracked grain close up diagram of machinery to  
show how it happens, man assembles machine part, more  
adjustments to the baler itself.

Caption: Checking drum speed, man and machinery, checks it.

Caption: Speed of Travel in the field the man checks straw  
over board to see grains twice.

Caption: Blockages, baler with straw in it, man tries to free it,  
then another blockage in different place and third blockage,  
clears it.

Caption: Elevator blockage man examines and unblocks  
machinery.

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 20 mins

TR MAFF  
PH6/189

### The Binder

Film shows binding of sheaves of grain without removing grain, using a tractor and binding machinery attachment. Film continues on reel 2, which is not held by the Museum of English Rural Life.

Caption: Knotter troubles, baling tractor and machinery attachment, with man sitting on baler baling sheaves, close up of string tying mechanism. Baling goes wrong and they stop.

Caption: Simple troubles, man gets off the baler and examines the bales or lack of them. Close up of mechanism and slow motion. Oils the twine, start baling again, but still not working.

Caption: Tracing more serious troubles, man examines machinery and they start again, but still wrong. Correct knots shown in close up. Diagram of trouble, man shows knot from the baler which is wrong. Trouble is put right.

Produced by the National Institute of Agricultural Engineering

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 13½ mins

TR MAFF  
PH6/190

### Silage Machinery in Grass Crops

Film shows various machinery to be attached to tractors for the cutting and collection of silage.

Caption: Swinging Windrover machinery shown attached to tractor in action

Caption: Butterley Green Crop Loader in action

Caption: Bamford Universal Crop Loader in action and close up

Caption: In Arable Crops, cutting crops with tractor and attachment, close up of lifting, machinery attached to tractor. Different type of lifting machinery onto trailer, Butterley again.

Caption: Filling a Trench Silo tractor and trailer full of silage. Unloaded by two men into a trench in the field.

Caption: Paterson Buck Rake, shown attached to tractor, raking up silage, fills field trench.

Caption: Forage Harvesters Allis Chalmers, shown working

Caption: John Deere, shown picking up silage

Caption: Working in Kale, machinery shown cutting and picking up Kale crop

Produced by the National Institute of Agricultural Engineering

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, silent, 17 mins

TR MAFF  
PH6/191

### Repairing Concrete Floors

Film shows how to repair a concrete floor in detail. Cracked concrete floor shown in farmyard. Man, with farm cat in background, prepares to repair it. Removes damaged concrete with a cold chisel, uses a brush to remove debris. Cleans a nearby bit of concrete with a broom and water to make a mixing surface. Brings in materials to mix concrete in wheelbarrow. Ratios given and mixes dry ingredients with a spade. Adds water and mixes again. Wets cut surfaces. Mixes cement and water slurry and coats cut with it. Adds cement and levels off with board. Brushes with paint brush and covers with wet sack, washes tools under outside tap.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 5 mins

TR MAFF  
PH6/191A

### Slate Roof Repairs

Film shows how to repair a slate tile on a roof. Damaged slate roof, with tiled falling off. Materials to repair a slate slip shown: hammer, slate ripper, slate nails and lead. Cuts a strip of lead. Ladder onto roof and man uses it to get to slate. Removes slate, nailed to baton. Pushes slates above missing one with slate ripper and puts slate back into place. Held in place by lead strip and surplus lead cut off.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 2½ mins

TR MAFF  
PH6/192

### Cleaning and Sterilisation of Dairy Equipment

Film shows pre rinsing, hot detergent chlorine wash and final chlorine rinse.  
Woman taking milk churns from parlour into dairy.

Caption: Pre-rinsing, washes outside of milking equipment with a brush, flushes clusters and washes cooler and milking bucket.

Caption: Hot Detergent Chlorine Wash, woman adds detergent to hot water and sterilising agent to a large sink, adds sterilising agent to second large sink. In first sink scrubs and washes all parts of the milking equipment.

Caption: Final Chlorine Wash, milking equipment places in second sink and rinsed, reassembled and hung to dry on wet storage rack.

Ministry of Agriculture, Fisheries and Food in conjunction with Staffordshire Farm Institute

Produced by Advisory Aids Dept, West Midland Province

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 8 mins

TR MAFF  
PH6/193

#### Safer Farming Time for Thought

Film shows three farm accidents as a result of carelessness. Man in a farm garden resting his injured foot, watches his neighbours go load up a van to go on holiday, which he is unable to do as he has been off work for 2 months. Flashback to his accident, changing a trailer tyre using the wrong jack, a brick and his foot as a brace.

Hospital where a man is in traction with a broken leg. Flashback to his accident which was caused by leaving a tractor to drive itself whilst he climbed back into the trailer. The trailer then runs over his leg when he falls off.

Farmyard, a man is shaving and trying to tie his boot with only half a hand. Flashback to his accident caused by carrying a loaded shot gun on his tractor which then falls over on a bumpy road and when he reaches to catch it, it fires.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Producer John O'Neill

Written by Julian Boyd

Director Patrick Pullen

Photography Charles French

Editor Abel Goodman

Technical and Scientific Films in Association with Film producers Guild Ltd

Acknowledgements The Berkshire Institute of Agriculture, Grassland Research Institute, The Heatherwood Orthopaedic Hospital Management Committee

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 7 mins

TR MAFF  
PH6/194

### Systematic Ploughing Part 1

Film shows a field being ploughed by a tractor at a distance so the whole field is visible using time-lapse photography to show the ploughing process. Close up of tractor at end, which is driven by a woman.

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 19 mins

TR MAFF  
PH6/195

### Soil Cement on Farm Roads

Film shows how a soil cement road can be made. Camera mounted on the bonnet of a car drives down farm roads. Shows Ministry of Agriculture, Fisheries and Food advisory leaflet.

Weeds removed from surface, pulverised soil with rotary cultivator, man checks depth and texture, raked. Cement bags placed at intervals on soil bed. Cement bags broken open with a spade and spread over surface. Rakes cement, rotary cultivator over cement to mix it. Reshape surface. Fruit sprayer sprays water over the surface. Rotary cultivator mixes it until right consistency. Wallis & Steevens roller flattens surface. Finished road is tarred and chippings spread over it by hand and rolled in. Finished road shown in use 16 months later. Ministry of Agriculture, Fisheries and Food Acknowledgements Norman Hunt & Sons Ltd, Brenchley, Kent

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 1 1/2 mins

TR MAFF  
PH6/196

### Farm Machinery

Man in pub with bandaged hand, having trouble pouring a drink. Another man at the bar asks a third man what happened to him.

Accident is shown in a flashback. Guard from drive belt

removed and got stuck, man tried to fix it without stopping  
the machinery first.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 40 seconds

TR MAFF  
PH6/197

Rabies Landing

Film shows danger of bringing rabies to Britain.  
Quayside café with family dressed to go sailing, dog runs up to  
them and is picked up by child. Child then has to go to doctors  
for painful rabies injections. Dying person and dog infected  
with rabies shown. Family pick up dog at quayside.  
Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour. Sound, 1 min

TR MAFF  
PH6/199

Grain Drying

Film shows the inside of a barn and grain drying in progress,  
together with machinery used.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, silent, 3½ mins

TR MAFF  
PH6/200

Haystack Fires

Film shows children playing inside a haystack. Haystack on fire  
and children rescued by fire brigade.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 30 seconds

TR MAFF  
PH6/201

Accidents (Farm)

Film shows child and dog playing on a farm. Shows unlocked chemical shed, pond and tractor reversing. Then shows chemical shed being locked, slurry pit or pond cordoned off and man looking behind when tractor reversed, just missing child and his dog.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 40 secs

TR MAFF  
PH6/202

Dogs and Sheep

Film shows two dogs playing in a field; one then begins to chase sheep. Dead sheep shown. Man calls his dog back and gets the dog under control.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1 min

TR MAFF  
PH6/203

Pesticide Container

Film shows a pesticide drum left in a field on a trailer. Tractor drives off, it leaks. Child and dog appear and begin to play on the trailer near the drum.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1 min

TR MAFF  
PH6/204

Waste Food

Film shows how farm animals should not be fed scraps of waste food as this can cause diseases. Food scraps should be disposed of responsibly.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1 min

TR MAFF  
PH6/206

### Rabies Airport

Film shows an airport, interspersed with shots of dying rabies victim. Woman attempting to smuggle a Siamese cat through customs.

Woman called over by customs official and caught.

Slogan 'Rabies Means Death'

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1 min

TR MAFF  
PH6/207

### Soil Improvements

Film shows ploughing up of subsoil. Film is damaged in places, and possibly is an unedited cut, with the soundtrack missing.

Field of crops. Men measuring out in field. Taking soil samples.

Shows survey sheet and inspects soil by hand. Digs hole to chalky subsoil. [film stops and is damaged]

Heavy machinery unloaded into field and attachments added to dig. Man is instructed where to dig and begins to dig to chalk? underneath. Machinery adjusted and soil inspected.

[hand in way of camera and film stops]

Close up of grass. Digs again deeper. Samples taken and more digging and measuring. Child shows a mouse to the camera.

[film ends abruptly]

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 8½ mins

TR MAFF  
PH6/208

### Sheep Losses

Family picnicking at a roadside, child wanders off to pet free roaming sheep and tempts them onto the road. Family drive off in Morris Minor van. Sheep on road and another car comes speeding along the road. Film states don't tempt sheep onto the road.

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1 min

TR MAFF  
PH6/209

### Overtuning Tractors - Fit a Safety Cab

Film shows a man connecting a tractor to a farm vehicle which is stuck in a ditch. Man gets into tractor which is pulled over and ends up with its nose in the air. Man is pulled to safety by a group of men. Message fit a safety cab.

[Film shows real person in tractor performing stunt]  
Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 30 secs

TR MAFF  
PH6/210

### Farm Trailers

Film shows dangers of not looking when reversing tractors. Tractor and trailer in a farmyard. Man gets out of tractor and goes into a barn, meanwhile a small child starts to play behind the tractor. Man reverses tractor, and mother cries out from farmhouse door. Child shown knocked over by the tractor. Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1 min

TR MAFF  
PH6/211

### Rabies Lorry Driver

Film shows a lorry driver driving around Europe with a dog in his cab which he then tries to bring back into Britain. Message - Don't Smuggle Death  
Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1½ mins

TR MAFF  
PH6/212

### Rabies Outbreak

Film shows consequences to Britain if one rabid animal gets into the country.

Message - Keep Rabies Out  
Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 1½ mins

TR MAFF  
PH6/213

Mad Dogs and Smugglers

Film shows dangers of rabies, efforts in Europe to stop the spread, case studies of victims and animal smugglers. Lorry driver with an ape in the passenger seat, dressed in clothes and eating a banana. Tracking foxes at night using radio frequency equipment, near Builth Wells, Wales. Close up of virus under a microscope. Dr Worrall is interviewed about treating victims of rabies. Children playing in garden in Gambia. Val Ingham is interviewed about the death of her husband from rabies in Gambia after being bitten by a puppy, photographs of him and a description of his ordeal. Dr Worrall and presenter (Christopher Brasher?) sit in a cinema and watch footage of rabies cases Dr Worrall tried to treat. Describes what it does to the body. Mr and Mrs Apps, interviewed. Son died of rabies, describe his ordeal. Dr Cohen of University College hospital interviewed. Shows spread of rabies in wildlife. Racehorses training in Chantilly, France. Horse bolts. Narrator states French authorities did not want to be filmed carrying out rabies control activities in north of France. Gassing foxes. French television crew interviewing French official. Paris, Pasteur Institute, map of cases of rabies as they approach Paris. Cases described. Anti rabies vaccines shown. Lady, who has been bitten by a dog, is interviewed by a doctor to establish if she needs the vaccine. Christopher Brasher on a ferry from France to Britain. Customs shown checking cars. Interviews garage attendant about seeing an ape in the cab of a lorry. Two customs officials interviewed about techniques adopted for smuggling animals. Mr and Mrs Knight of Sheffield smuggled a dog in and found guilty. Rabid dog, car, raccoon?, cow and fox shown. Paralysis, madness and death. Chief customs official describes his work. Lenori family tell of

picking up a stray dog in Morocco and brining it back to Britain. What to do if you get bitten.  
Yachts in marina. Fibreglass Bill, a shipwright, tells of having to shoot his own rabid dog in India.  
Posters shown campaigning against rabies. 1969 outbreak shown and response to it. 1974 Rabies Act devotes money to researching foxes. Tagging and tracking foxes by Ministry of Agriculture, Fisheries and Food men in Welsh Hills. Gwyn Lloyd, chief scientific officer interviewed. Controls in event of outbreak discussed. Central and Public Health Laboratory shown. Vaccine stores. 1962 outbreak in Amsterdam shown. A report by Christopher Brasher  
Camera Alec Curtis  
Sound Bryan Showell and Ron Edmonds  
Film Editor Howrad Billingham  
Producer Christopher Brasher and Christopher Sykes  
British Broadcasting Corporation

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 50½ mins

TR MAFF  
PH6/214

#### Farms and the Bank

Film shows how banks can help farmers by lending money to them.  
Farm visit of bank managers to Priory Farm. Farm walk on a trailer. Tour around and are told about the farm.  
Farmers interviewed to discuss how they need help.  
Discussions take place between farmers, bank managers and other interested parties.  
Example farmer shown who needs land and another who needs capital. Types of loans and financial help outlined.  
Machinery syndicates debated. Farming family in Scotland shown to illustrate expansion with the banks help.  
Barclays Bank

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 28½ mins

TR MAFF  
PH6/215

#### Switch on the Chickens Put the Cows on the Roundabout

Film shows intensive, factory farming, with as much automation of the farming process as possible to make

maximum profits.  
Caged chickens indoors, feeding, drinking, egg collection,  
sorting and packing all automated.  
Italian veal calf farmer, intensive factory farm conditions  
shown.  
Broiler farming shown. Intensive, factory style.  
Anglia Productions  
Narrator Dick Graham  
Camera Geoff Holsgrove  
Sound Michael Tomsett, Dennis Arundell and Charles Earl  
Editor Michael O'Halloran  
Assistant Producer Philip Garner

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 27½ mins

TR MAFF  
PH6/216

Dairy Farming Today Number 6 Animal Health

Film shows aspects of cattle health.  
Vet presents in studio. Retention of afterbirth, causes and  
shown. Calcium deficiency known as milk fever and  
magnesium deficiency known as staggers. Blood poisoning.  
Foot conditions shown and described.  
Prevention shown. Big leg shown and describes and treated.  
Udder mastitis shown treated and prevention. Bloat, choke  
and displaced stomach shown and treated.  
BBC Norwich  
Presented by Bill Wheeler  
Camera John Lawes  
Editor Oliver White  
Director Keith Clement  
Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 29½ mins

TR MAFF  
PH6/217

Pigs Health in the Herd

Film shows ways to improve pig health.  
Pig farm shown, record keeping. Measuring piglets. Vet visits  
and examines herd. Market - disease risk, isolate new pig.  
Disinfectant dip, warming pigs, cleaning pens. Disinfecting  
pens and whitewashing walls. Cleaning sow before going into

farrowing house. Bedding, farrowing house, sow into farrowing house. Feeding light laxative diet. Farrowing stockman checks milk,agalactia mentioned. Piglets teeth clipped. Piglets injected. Shows how to give injection properly so leg meat isn't condemned.

Scouring piglets, dead piglet, piglet autopsy. Castration. Weaning. Sow taken away from piglets. Respiratory diseases, autopsy on lungs. Enzootic pneumonia, lung worm, notifiable diseases foot and mouth, swine fever and anthrax. Swill feed requirements.

Pig Industry Development Authority  
Narrator Franklin Engleman

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 34 mins

TR MAFF  
PH6/218

#### Cookers in the Field

Military training film showing how to use military cookers in the field and how to improvise them when needed. Military kitchen shown with all equipment needed. Petrol cooker number one shown. Prepare a meal in the field. Transported in containers by truck and then in shoulder packs to troops further away. Petrol cooker number three. Tank crew, need to be self-supporting. Shown with armoured vehicle fighting pack. Shows rations. Petrol cooker number two shown. Rations and what is cooked shown. Tommy cooker, improvised cookers shown. Domestic range shown and points of it illustrated. Build turf oven using equipment usually found around mechanised troops. Desert troops shown. Different types of cooker shown according to what fuel is available.

Shots of troops in the field.

Directorate of Army Kinematography Verity Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 23½ mins

TR MAFF  
PH6/219

#### Insect Pests in Food

Film shows dangers, treatment and prevention of pest infestation in food.

Close up of pests in food, various pests outlined. Hungry

people across the world queuing for food.  
Gardener dealing with pests by spraying, spraying a fruit orchard. Combine harvesting, after harvesting the pests can hit. Map of foodstuffs to Britain. Dockyards shown. People who handle food stuffs shown, wharfinger, warehouseman, miller, carrier, baker, manufacturer and retailer. Woman complaining about bugs in her flour. Mills shown at work. Spraying of foodstuffs. Scientific research Department of Science and Industrial Research. Pests shown in close up under microscope. How insects heat grain, cause it to cake and moulder. Measuring temperatures shown. Large scale testing of grain at the dockyard.  
More control measures. Features to look out for to indicate infestation. Small bakery with a loft store clean and dirty. Bread with baked in insects shown, sold to a woman whose son discovers beetle. Returns to shop to complain. Cleans loft. Ministry of Agriculture, Fisheries and Food man called in to infested warehouse. Fumigating. Grain silo shown and diagram of chemicals to circulate round store.  
Central Office of Information for Department of Science and Industrial Research  
Director J V Durden ARCS, BSc

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 32½ mins

TR MAFF  
PH6/220

#### Trawls in Action

Film shows underwater workings of trawling nets. Fishing boat with net being pulled in. Catch of fish. Study of how nets behave carried out in seas off Malta on the Sir Lancelot. Diver with underwater camera. Action of different nets, described in detail.  
Ministry of Agriculture, Fisheries and Food  
Made by the Fisheries Laboratory, Lowestoft  
Produced by Basic Films  
Scientific Supervisor A R Margetts  
Underwater photography J H Hodges  
Frogman J D Graham  
Editor J B Napier-Bell

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 25½ mins

TR MAFF  
PH6/221

### Sanitary Devices in the Field Part II

Film shows how to dispose of cooking waste and food rubbish in the field and how best to dig latrines.

Man in studio drawing a rat, rats on rubbish dumps shown as carriers of disease. Army field mess getting rid of rubbish in sealed bins to prevent rats.

Different types of liquid soakage pit and grease traps, evaporation trench and rubbish disposal methods shown in diagram and reality.

Different types of latrines built and shown in diagrams.

United States Army

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 26½ mins

TR MAFF  
PH6/222

### Beef Business

Films shows rearing of beef by very intensive methods and less intensive methods.

Cows in field, meat cuts and butchers. Housewife buying meat in butchers doesn't want too much fat on it.

Dairy and beef cattle shown, various breeds and crosses. Stock feeding on a hillside shown, a winter job along with hedging and ditching.

Intensive system, young calves raised in individual crates. After weaning put into small pens with other calves, then loose housed. Injected with growth hormones to make them grow. Diagram of age and costs.

Less intensive system- raised indoors and then turned. Cleaning off paddocks with a grass cutter. Bought in for winter.

Another method loose housed, turned out in winter and still fed winter diet outside. Good points of beef bull shown.

Single suckled method. Autumn calf sales. Creep feeding in winter. Tools to improve beef cattle outlined.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Produced by Wallace Productions

Directed by B Salt

Camera R Shears and U Gerstal

Edited by A Marshall

Produced by A F Bundy

Technical Advisor T Tweddle

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 21½ mins

TR MAFF  
PH6/223

### Its Your Pigeon

Film shows how best to kill woodpigeons and the damage they can do.

A pigeon introduces herself and outlines what damage can be done by pigeons.

Dead pigeons with crop exposed and contents examined.

Include acorns and nuts. Kale crop destroyed by woodpigeons. Trafalgar Square pigeons being fed. Turtle dove, Stock Dove, Blue Rock shown.

Boat in sea with people shooting pigeons on cliffs. People studying the wood pigeon, life cycle shown. Ringing pigeons. Migration studies. Shooting, autumn tactics.

[Film jumps]

Pigeon shoot tactics shown to kill the maximum number of pigeons. Diagrams of cartridges and shot patterns.

Reconnaissance. Different types of camouflage, hides and decoys shown.

People who are considered good shots are introduced and give their top tip for maximum woodpigeon killing.

ICI

Filmed at ICI Game Research Station, Fordingbridge,

Hampshire Acknowledgements

Surgeon Capt T L Cleave R N

Archie Coats

Jack Collins

Ronald Hampton

Group Capt W G Maydwell DSO, DFC

Charlie Swann

Capt N Zambra MC

R K Murton BSC MA

Maj G R V Panton

Voice of the woodpigeon Fenella Fielding

Editor David Gladwell

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 36 mins

TR MAFF

Once Bitten; The Real Risk of Rabies

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PH6/224

Film shows aspects of rabies, effects and prevention in Britain. Family walking dogs, rabies victim dying. Model of virus. Red fox shown as carrier of disease. Fox, cow and dogs with rabies. Nineteenth century pictures shown of victim of canine madness and Pasteur breakthrough vaccine.

Symptoms, including film of a child with rabies. Interview with a lady who lived in India and had two children bitten by a dog with rabies. Both were given vaccine and only one survived. Map of spread of disease. Centre for rabies research in France shown. Dead animals suspected of having the disease sent to them. Heads removed, brains exposed and examined. White mice used for second phase of test.

Killing foxes with gas, opposition from wildlife sanctuary amongst others to this policy. Pasteur institute with people waiting to be assessed for vaccination. Child being vaccinated. 1969 outbreak in Camberley shown, interviews with those involved and government reaction to it. ITN news film included.

Small ports with a waterguard shown as deterrents. RSPCA quarantine kennels shown at airport, with Rex the Beagle going into quarantine. Interviews with Malcolm Macauley and Jim Threlkeld of the Ministry of Agriculture, Fisheries and Food Animal Health Division and Dr David Tyrrell.

Anglia TV

Written by Nick Duval

Narrator Simon Prebble

Photographer Peter Fuller

Additional photography Otto Greis, Ian Craig and Mike Marson

Sound Mike Tomsett, Dennis Arundell and Charles Earl

Film Editor Stephen Peart

Producer Colin Ewing

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 40 mins

TR MAFF  
PH6/225

The Art of Ploughing

Film shows aspects of ploughing, ploughing matches and culminates in the World Ploughing Championships. Film is German with commentary in English.

Picture of ploughing in ancient Egypt shown. Old woodcuts and oldest German plough shown. History and development of plough shown.

Ploughing with horses and oxen, tractor ploughing. Federal

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Ploughing Competitions shown. Good plough maintenance shown. Ploughing in detail. World Ploughing Championships shown, 16 nations competing, aerial shots. Peace through agriculture. Winner is presented with Golden Plough. A film of the Agricultural and Home Economy Evaluation and Information Service, Bad Godesberg, Germany produced on behalf of Federal Ministry of Food, Agriculture and Forestry the Federal Republic of Germany  
In cooperation with the Rural Youth Advisory Service  
Produced A W Film, Berlin

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 29½ mins

TR MAFF  
PH6/226

#### Next Years Harvest

Film shows how graded corn seed [maize] helps maximise harvests and profits. Filmed in Italy with English commentary. Lake with boats and fishermen shown. Muddy lanes with a horse and cart. Farmer returns to his farm, horse into stable. Farmer is Giovanni, who farms near River Po. Farmhouse kitchen where family sit down to a meal. Friend drops in and joins them for a drink. Child feeds a toy donkey. Friend shows Giovanni the hybrid corn seed he bought at cooperative, they examine it, it will give a bigger yield. Shows corn cobs drying and corn dried. Harvesting corns by hand and horse and cart. Different varieties different maturity rates shown. Compared hybrid and local corn. Hybrid corn arrived with American Aid. Process of grading the cobs shown. Test germination. Giovanni and his son go to collect bags of hybrid corn. Merchant advises on variety. At a café in the village Giovanni stops to see his friend and they toast next years harvest. Produced and Directed by Vittorio Gallo  
Photographed by Francesco Vitrotti  
Edited Giulia Fontana

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 16 mins

TR MAFF  
PH6/227

#### Power Hoses in Milking Parlours and Collecting Yards Muck 75

Film shows ways to clean milking parlours and cattle

collecting yards using scrapers and power hoses. Film is silent with captions to indicate what is happening.  
Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 5 mins

TR MAFF  
PH6/228

### The Making of the Soil

Film shows how soil is made from various rocks. How the natural balance of the soil is interrupted by farmers taking crops, and how they can redress this.

Ploughing by tractor. Variety of machinery shown used from tillage to harvest.

Caption: The Raw Materials of the Soil, soil make up is described. All coming from rocks. Quarry shown and types of rocks explained. Map of Britain showing types of rocks, types of agricultural land map shown closely matching rock types.  
Caption: The Weathering of Rocks, onion skin shown and described. Water is the greatest agent of weathering shown and described.

Caption: Moving the Materials, glacier action described leading to U shaped valleys. Maps of glacier location on Britain. Wind erosion. V shaped valleys created by water process described.

Caption: Soil Building I, on a salt marsh, process of soil building on a salt marsh shown. 2-10 years to get soil.

Caption: Soil Building II from bare rock, process shown and described.

Caption: The Influence of Forest Trees on Soil Formation, forests shown. History of forests in Britain described from pine to deciduous. Clearances in the Bronze age.

Climate and biological factors affect the soil. Drainage explained plant take up of water. Plant cycle shown whereby plants take up minerals and when they die they are returned to the earth. Farmers interrupt this cycle by taking crops before they can return to the earth. Fertilisers have to make good the natural interruption in the cycle. Farmer spreading manure from a horse and cart. Soil and organisms shown, humus shown and pests in the soil shown.

Caption: Typical Soil Profile, cross section of soil shown.

Ministry of Agriculture, Fisheries and Food

Directed and Photography by J V Durden ARCS BSc

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

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Colour, sound, 32½ mins

TR MAFF  
PH6/229

### Pig Farming Number Three Pig Health

Film shows importance of pig health to profit, conditions which effect pigs, prevention and treatment. Bill Wheeler states aim of intensive farming is to produce the maximum number of cheaply produced piglets. Vet shown, losses of pigs shown. Piglet loss through overlaying and lack of milk. Causes outlined and shown. Prevention. Ideal conditions shown. Piglet health detailed.  
BBC Norwich  
Presented by Bill Wheeler  
Graphics John Seymour  
Music Radiophonic Workshop  
Camera John Lawes  
Film Editor Oliver White  
Director David Spires  
Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 30 mins

TR MAFF  
PH6/229B

### A Farmer's Boy

Film shows how attending an agricultural college benefits farmers and those interested in agriculture. Agricultural College shown in detail.  
Cows herded by a small child, into milking parlour. Scene is 10 years ago [to when the film was made]. Child is John Hocking of Ottery Farm [Devon?]. His father rides into farmyard on a horse and child scrambles on board. They ride out to the field. An older version of John Hocking cycles into the farmyard and goes into the kitchen where his family are gathered and he is pleased as it was his last day at school and he can be a farmer, like his father.  
His father and mother persuade him farming is now a complicated business and he needs to attend agricultural college. Film moves to college and follows John Hocking in his lessons. Learn the theory of fertiliser and then mix some in the outdoors. Pests in theory and then fruit spraying. Laboratory work. Trial plots, livestock, visits to other farms including milking cleanliness, hand milking, testing of milk. Dairy work,

poultry dept, machinery on the land and sheep dipping shown.  
Dining hall of college shown. Other students in his year and their reasons for attending: Chris Bunt, Phillip Swan, Gill Wallace, Pam Foxley, Bill Meaking, Chris Challom (Swiss). Evening entertainment shown, a sing-a-long. Film recaps and back at the farm of John Hocking, he drives off on a tractor with his father.  
Producer Ralph Keene  
Director Peter Price  
Photographer Tristram Stack  
Music Denis Blood  
Director John Hollingsworth  
Supervising Editor Julian Wintle  
Made with the cooperation of students and staff at Seale-Hayne  
Agricultural College, Devon.  
A Greenpark Production

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 14½ mins

TR MAFF  
PH6/230

Pig Farming Today Number 6; The Right Pig

Film shows good points of ideal pig carcass and pedigree herds, including herd on Caldey Island, Pembrokeshire  
Bill Wheeler introduces subject. David Smith, butcher illustrates carcass quality, 2 cuts of meat shown. Butcher divides up pig and shows how much money each cut is worth. Bill Wheeler on Caldey Island, Pembrokeshire interviews Father David in charge of the monastery's pig herd. Shows island and farm. Pork pigs loaded onto boats to get them to mainland. Records kept and boars regularly tested. Elite herd. Letchworth PIDA testing station. David Smith presents what happens at the testing station.  
Marketing of pigs shown, costs and feed conversion rates.  
BBC Norwich  
Presented by Bill Wheeler  
Graphics John Seymour  
Music Radiophonic Workshop  
Camera John Lawes  
Film Editor Oliver White  
Director David Spires  
Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 29 mins

TR MAFF  
PH6/231

### Prescription for Safety

Film shows safe use of pesticides.  
Harvesting, big crops due to technology, healthy harvests due to pesticides. Insect damage shown.  
Farmyard [America], feeding hay to horses. Farmer described as an average farmer. Goes to spray sugar beet. Takes chemicals from store, and two men mix it using protective clothing. Store relocked. Spraying machinery tested. Destroys chemical container and buries it. Crops spraying with mask on. Protective gear is cleaned, and man himself.  
Aeroplane crop spraying shown. Burn bags which contained pesticide. First aid kit on spraying equipment. Voiceover details safety precautions once again.  
California Chemical Company Ortho Division

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 17½ mins

TR MAFF  
PH6/232

### Rabies a Dangerous Frontier

Film shows dangers of rabies and prevention to stop it entering Britain.  
Man dying of rabies. Channel port. Map of spread in Europe. Interview a man about what would happen if disease got into Britain.  
HM Customs shown checking a car. Explained that pets can be bought into Britain legally by using quarantine system. Dog shown collected from a ferry and taken to quarantine kennel. H M Customs watching boats in a harbour. Man gets on boat and inspects it.  
Interview man and outline dangers of rabies.  
Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 5½ mins

TR MAFF

Ware Potato Storage Number 4; Suitable Buildings

PH6/233

Film shows storage buildings for potatoes. Filmed in East Anglia  
Farmyard surveyed by two men to see which buildings could be converted to store potatoes. Points to consider outlined. Types shown of converted buildings. Pressure on walls shown in diagram form. New Romney type building shown. Constructing a building, points shown. Frost proofing walls using straw bales and permanent insulation shown. Straw on top of potatoes in store. Properties of ideal potato flooring outlined. Loading potatoes into store. Door features outlined and opening one used in a store.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 7 mins

TR MAFF  
PH6/234

Outdoor Tomato Growing

Film shows techniques to grow tomatoes outdoors to get best results.  
Tomatoes shown growing outdoors, man tending them. Man digging trench, preparing the earth, manure in trench. Drainpipe upright in trench for watering roots. Fills trench again, and puts fertiliser on surface, mixed in. Plant out plants in last week of May. Well grown healthy plant shown. Seed sowing shown first or second week of April. Potting on in the greenhouse. Bad plants shown. Frost killed plant. Spacing for rows. Soaking plants before planting out. Wet soil around roots. How to place them in soil. Watering in. Tied to stakes as they grow. Removing side shoots and shoots at base. Stopping plants once 4 trusses of fruit have formed. Disease control, spraying for blight and nearby potatoes. Water via drainpipe.  
Made for the Ministry of Information  
Produced by Films of Great Britain Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 13½ mins

TR MAFF  
PH6/235

Grass Clover and Seed Production

Film shows how to produce seeds from grassland, broad red

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clover, white clover, perennial ryegrass and cocksfoot.  
Ploughing grassland for crops, new lays sewn for grassland.  
Pasture mix shown in close up. Seeds of Broad Red Clover,  
White Clover, Ryegrass Perennial, cocksfoot.  
Aberystwyth plant breeding of cocksfoot shown. Pollination  
method shown and sewed until there are enough for  
production.  
Varieties of broad red clover outlined. Then planting of it.  
Working seed bed down to a fine tilth, sewn under a corn  
crop. Seed sewn by hand, seed fiddle or seed/shandy barrow.  
Also seed drill pulled by a tractor, harrow pulled by horse.  
Following year early cut of hay, 2nd cut runs to seed. Man  
shows crop is ready by crushing a clover head and seeds come  
out. Cuts crop using a combine or side delivery reaper pulled  
by a horse. Stacked and left in field. Threshed using a clover  
huller. Seeds shown.  
Late flowering red clover, varieties outlined. Later flowering,  
no hay crop, cattle grazing and same method as broad red  
clover.  
White clover varieties outlined. Grazed and hives of bees,  
head of clover ready shown. Cut with a mower pulled by  
horses. Raked off in heaps, collected by hand. White clover  
treated as arable crop. Cut silage in May, then harvested.  
Clover cured on tripods. Loaded by hand.  
Perennial Ryegrass varieties outlined. Planting described,  
harvested by binder, stooks. Cut off docks by hand. Threshing  
in threshing machine.  
Cocksfoot varieties outlined, drills and broadcast shown.  
Fields shown. Cultivate by rows. Nitrogenous manuring by  
horse and cutting it, stooks as ryegrass.  
Strand Film  
Ministry of Information  
Technical direction L E Cook and J L Fyfe

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 15 mins

TR MAFF  
PH6/237

### Breeding for Milk

Film shows how cattle herds can be improved by grading up,  
culling poor producers and breeding with good stock.  
Herd of cattle. Cattle market, where farmers buy replacement  
cattle rather than breeding them.  
Faults shown on a cow. Herd shown with some good and  
some bad cows, 15 different breeds and crosses in herd and

have low milk yields. Another herd with just one breed still have a low milk yield.  
Grading up scheme outlined, Mr Sherrat's farm has such a policy, keeping records. Diagram of average yields showing how milk yield will go up if cull poorest producers.  
Good points of replacement cows. Good breeding will also get a better herd. Good points of a dairy bull.  
Farmer [Mr Sherrat] studies the sons of a good bull as he can't afford a proven bull. Bull pedigree shown. Farmer examines the sire and sire's daughters and dam.  
Tethered bull. Agricultural committees can buy bull calf from. Explain how a herd can be pedigree in 10 years. Pedigree herd shown.  
Ministry of Agriculture, Fisheries and Food?  
Crown Film Unit

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 14½ mins

TR MAFF  
PH6/238

The Farm Review No. 7; Soil Analysis

Films shows how soil can be analysed to help the farmer. Fields shown and soil. Farmer not happy about his land, calls in the National Agricultural Advisory Service [NAAS] to discuss it. NAAS man takes samples and discusses the soil with the farmer.  
NAAS laboratories South West laboratory at Bristol. Soil sample is prepared for testing. Sample split into two and tested in different ways.  
Once reports have been prepared the NAAS advisor returns to farm and shares his findings.  
Esso

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 13 mins

TR MAFF  
PH6/239

Seven Million Acres

Film shows the advantages of draining land. Estimate that 7 million acres in England would benefit from drainage improvements.  
Combine harvesting in England in late summer. Farmer has a drainage problem. Map of England showing land drainage

problems. Shows history of enclosure acts and how it affected the land. 1880's lots of land drained, and then stagnated especially after agricultural depression in 1930's. World War II new incentives to grow more produce and grants for land drainage.

Lanagbeare, Cornwall test sites and trials. Diagram of drains and how they work.

Case studies drainage of Pembrokeshire, Cambridgeshire and Essex. Soil, water and plant growth, typical drainage shown.

Dig a pit for looking at soil. Put in tile drains, according to the topography and profile of the field. Then sub soiled. Outfall shown. Result shown in that a good harvest is produced.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

C J D Productions Ltd

Producer Cliff Day

Written and Directed Robert Kitts

Photography Derek Waterman

Film Editor Mike Guest

Animation Beth McFall (Fredric Films)

Technical Adviser Colin A Brown FGS AI Agr E

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15 mins

TR MAFF  
PH6/240

#### Liver Fluke Disease

Film shows how liver fluke disease is surveyed and forecasted by the Ministry of Agriculture, Fisheries and Food for farmers, who also provide advice and help on dealing with the threat of Liver Fluke Disease.

Man in weather recording station. Metrological Office collating and analysing data from weather stations sent to Central Veterinary Laboratories of Ministry of Agriculture, Fisheries and Food who can then forecast Liver Fluke disease outbreaks.

Ministry of Agriculture, Fisheries and Food warning circular shown at cattle market which is ignored by farmers. Dead sheep from Liver Fluke disease. Man looking for snails in manure. Liver inspected and dissected, shows fluke worms. Flukey areas are shown, western half of the country with poor drainage. Factors which play a part in the incidents of the disease shown.

Applying molluscicides to the land to kill snails which play a part in the life cycle of the liver fluke. Other chemical ways

shown. Drenching gun and injection.  
Fluke survey and fluke forecast. Ministry of Agriculture,  
Fisheries and Food man visits and inspects farms to advise  
farmer. Snail in close up shown. Recap on weather data  
collection. Forecast liver fluke conditions.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 25 mins

TR MAFF  
PH6/241

### Long Term Preservation of Bull Semen

Film shows how new technique of mixing glycerol with semen  
allows it to be frozen and used months later.

A S Parkes in studio introduces topic in studio. Number of  
artificial inseminations gone up, shown on graph to 1952.  
Semen could not be frozen and thaws successfully without  
the use of glycerol.

Mr Polge introduces method of freezing and thawing bull  
semen. Described and shown under microscope. With and  
without glycerol.

Method of freezing in ampoules. 7 months later unfrozen.  
Artificial Insemination (AI) Centre at Cambridge. AI kit shown  
loaded up into car and taken to farm. Man AI cow method  
shown. Pregnant cow shown from frozen semen, calf shown  
born by frozen semen method.

By C Polge National Institute for Medical Research, London L E  
Rowson Cambridge and District Cattle breeders Ltd,  
Cambridge

Produced by N S Macqueen

Introduced by A S Parkes FRS of National Institute for Medical  
Research

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 21 mins

TR MAFF  
PH6/242

### Low Cost milk Production

Film 'shows how a Yorkshire Farm has achieved outstanding  
success in producing milk at low cost; in the costings year  
1955-1956 the profit per cow was £93. The essential  
'husbandry' practices are described month by month,  
commencing with the tail end of the previous winter's kale-

grazing, passing through the various stages of grass grazing season, linked with silage and hay making, and growing the following winters kale.'

Ministry of Agriculture, Fisheries and Food Film Catalogue  
1957

Film shows processes in detail, and includes diagrams and captions of explanation. At the end shows Mr and Mrs Pears inspecting their garden and shows spaniel puppies.

Ministry of Agriculture, Fisheries and Food?

Mr and Mrs E R Pears of Steeton House, Tadcaster

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, silent, 40 mins

TR MAFF  
PH6/243

### Safe Bull Handling

Film shows how to handle bulls safely.

Man shown moving bull, comparisons of bull's weight and size to man. Ideal bull quarters shown. Herd shown. Catching yoke over feeding manger demonstrated, dimensions of wall and bars.

Service pen and equipment. New bull nose ring shown fitted and use of overhead poles, cables and head chains. Leather headstall on a dehorned bull. Tethering in field. Experienced man training another man to handle bulls. Two men separate a bull running loose with the herd.

Ministry of Agriculture, Fisheries and Food  
Safety Inspectorate

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 6½ mins

TR MAFF  
PH6/244

### No title [Rats]

Film shows behaviour of rats.

[Beginning missing?]

Rats running around in kitchen of house, looking for food. Features of a Norway rat shown and roof rat. Diagram of differences. Rat behaviour to other rats including fighting. Burrow shown in cross section through glass. Shows how burrow and rat runs work. Drinking and food. Habitat in city dump, poultry house, pig sty's and dog house. Rats swimming and life cycle of rat in detail.

Unknown [American production]

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 16½ mins

TR MAFF  
PH6/245

Humane Methods of Slaughtering Animals; Incorporates  
Maintenance of Equipment  
Films shows 'humane methods of slaughtering animals'.  
Council of Justice to Animals  
Humane Slaughtering Association  
World Federation for the Protection of Animals  
International Society for Protection of Animals  
Acknowledgements Messrs Accles and Sheluoke  
Belfast Meat Plant  
Collin Glen Bacon Manufacturers  
Rugby Public Abattoir  
Slough Public Abattoir  
Iwel Engineering Ltd  
EM Special Films Unit

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 16 mins

TR MAFF  
PH6/246

The Master Butcher Series; Pt 1 Stunning and Bleeding

Film shows accurate stunning, efficient pithing, precise  
sticking and knowing the animal.

Spillers Ltd  
Meade-Lonsdale Group  
Narrator John Witty  
Editor Bob Eaves  
Production John Lawes Film Associates

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 25 mins

TR MAFF  
PH6/247

Artificial Insemination of Cattle

Film shows how the artificial insemination centres for cattle  
work.

Farmer (Steeple Farm) decides he wants to request service

from the artificial insemination (AI) centre. Telephones the centre. Diagram of conception in cattle.  
Cattle breeding (AI) centre shown, work examined. Different types of bulls shown and how they are selected. Show how semen is collected. Shows work of office in booking in clients. Deep-freezing process shown.  
Work of inseminator shown at Steeple farm.  
One year later 2 calves shown as a result of the process.  
Central Office of Information for Ministry of Agriculture, Fisheries and Food  
Camera Frank North  
Editor Pat Holmes  
Production A Frank Bindy  
Technical Advisor D L Stewart MRCVS

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 22 mins

TR MAFF  
PH6/248

Black Rat

Film shows black or ship rats interacting with common rats. Common rats become dominant.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 10½ mins

TR MAFF  
PH6/249

Home Grown Housing

Film shows how poultry housing is made using farm labourers, and some home grown materials. Shows the construction of the house in detail.  
Made at Bury Farm, Chesham, Bucks, Lt Col A M Melville JP  
Tree felled using axe and saw. Lower branches stripped, planks made with circular saw.  
Site marked out, frame constructed, shown in detail. Wire attached to frame, and straw stuffed into wire to form the sides of the poultry house.  
Poultry introduced to the house and shown living in it.  
Ministry of Agriculture, Fisheries and Food  
NAAS South East Region

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, silent, 15 mins

TR MAFF  
PH6/250

Automated Serological Testing for Brucellosis

Film shows how Autotape system machine at Central Veterinary Laboratory, Cambridge tests samples of blood for Brucellosis. Test described, blood samples taken from cattle, and process at laboratory shown in detail.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 11½ mins

TR MAFF  
PH6/251

Nosema; [Bee Disease]

Film shows aspects of bee disease Nosema, diagnosis and treatment.

Taking sample of ill and dead bees from a hive in a matchbox.

Sample posted to laboratory.

Laboratory examining samples.

Beekeeper opens letter from laboratory with result, Nosema.

Treatment of hive shown, getting the bees into a clean hive.

Fumigating hive. Antibiotic treatment for colony.

Bee model shown, the workings of the disease.

Lesson shown where students are instructed about disease.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 14 mins

TR MAFF  
PH6/252

Cutting Floor Tiles; Work Study Case History 3

Film shows cutting floor tiles from rolls of PVC in a factory.

Process shown twice.

New method then shown using more efficient and time saving way.

British Productivity Council Film

John Abbott Production

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 17 mins

TR MAFF  
PH6/253

### Harvesting Apples

Film shows an apple orchard with ripe apples. Equipment for picking prepared.

Apple pickers at work, boxes packed, collected by tractor and put into store shed.

Filmed at Manor Farm, Liddington?

Ministry of Agriculture, Fisheries and Food?

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, silent, 12 mins

TR MAFF  
PH6/254

### Feeding Habits of Rats

Film shows common rats tested as to what food they prefer, and where they prefer to eat it. Marking a rat to identify it.

Black or ship rat also examined. Both colonies behaviour examined, black rats eventually dominate.

Ministry of Agriculture, Fisheries and Food Infestation Control Division

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, silent, 28 mins

TR MAFF  
PH6/256

### Tractor Sense

Film shows police photographs of tractors involved in fatal accidents, reconstructs the accidents and explains how further accidents of this type could be prevented.

Accidents: tractor and heavily loaded trailer, driven down a hill, tips and crushes driver; ploughing narrow area of field which forces driver to use left turning brake, which then wears more than the right brake, brakes locked together for return journey to farm, the uneven wear causes the tractor to roll when he has to make a stop in a lane; tractor collecting a trailer from a field, and instead of using a gateway which is slightly further away, the operator tried to ramp the tractor up a bank, which then fell on top of him.

Technical and Scientific Films Ltd in Association with The Film

producers Guild Ltd  
Producer John O'Neill  
Written by Julian Bond  
Director Patrick Bullen  
Photographer Charles French  
Editor Abel Goodman

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 7½ mins

TR MAFF  
PH6/258

### The Reclamation of Marginal Land in Glamorganshire

Film shows how a land reclamation scheme was put into place on a farm in Wales, with the help of a grant.

Filmed at the farm of Walter Jones, Hill House Farm, St Mary Hill, Glamorgan, Wales.

Farm shown and 60 acres to be reclaimed. District Advisory Officer and farmer inspect land containing bracken and rocks. Work begins in winter, manually clearing stone with picks. Bull dozer flattening land.

Preliminary preparations examined by John Davis, County Agricultural Officer and his assistant A Lloyd Lewis.

Ploughing land repeatedly. Lime and fertiliser applied, both by hand and machinery.

Sowing of crop by machine and seed fiddle. Farm walk to demonstrate crops on land.

[Changes to colour] Other crops which have been successfully grown on the land shown. Cows grazing land and threshing of harvest from land.

Mr and Mrs Walter Jones and family shown.

Other types of marginal land shown: rush, scrub, bracken and heath.

National Agricultural Advisory Service and Advisory Aids Commission Welsh Province

Photography and editing R G Iles

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white for 14 mins and colour for 5 mins, Silent

TR MAFF  
PH6/259

### Plough Setting No 1

Film shows correct plough usage.

Tractor and plough in field. Hitch shown correct and incorrect.

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Coulters correct, set too wide and set too deep. Tilted to cover grass, setting the coulters to stop, skim coulters. Mouldboards correct and pushed out too far. Plough types shown - general purpose, digger and 2 plough hitch.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 1 1/2 mins

TR MAFF  
PH6/260

Glasshouse Soils

Film shows method of steam sterilising greenhouse soil to prevent diseases.

Filmed at Cheshunt Experimental and Research Station.

Greenhouse, with two men working to remove tomato vines. Removed and burnt. Disinfected.

Greenhouse washed down. Methods of steaming shown: tray method, harrow, grids and Hoddesdeon pipes, used at Cheshunt.

Boiler engine shown outside greenhouse. Shows steaming process. Shows that after the process the door must be shut to prevent reinfection, in this case by some ducks.

After steaming process shown, flooding, lime and potash.

Propagating house shown, planting seeds. Pots shown being sterilised by steaming and formaldehyde bath. Potting on to pots. Diseased plant shown. Planting out into prepared greenhouse, watering and ventilation.

Healthy tomato trusses shown.

Central Office of Information for Ministry of Agriculture, Fisheries and Food

Nucleus Films Unit

Technical Advisor W F Bewley

Producer J D Chambers

Director M D Orron

Editor P Spielman

Camera J Stewart

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 2 1/2 mins

TR MAFF  
PH6/261

Work Study Aids Farmer

Shows how by studying the jobs farmers do, more efficient and time saving methods can be applied.

Farm shown, Fred and Grace are leaving the land to live in the city. Film states this is now a problem and farmers are left with less labour.

Pressures on farmers described, jack of all trades working long hours in a tough job. Needs to make a profit. Work study can help in this aim.

Work of the British Productivity Council in promoting work study amongst farmers. Examples shown: in a milking parlour, cutting and carting silage, poultry house and piggery.

Made for the British Productivity Council by Basic Films

Director J B Napier Bell

Camera Larry Pizer

Editor Dan Challis

Model and drawing Barbara Vincent

Produced in association European Productivity Agency of the Organisation for European Economic Cooperation

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 33½ mins

TR MAFF  
PH6/262

### Only One Standard

Film shows the work of New Zealand Meat Inspection Service, at freezing works where animals are slaughtered, and butchered in a production line.

Otago monument shown. Scenes of sheep in fields.

Scenes of butchery under unhygienic conditions.

Contemporary standards at freezing works. Scenes of live sheep being prepared for slaughter by washing and standing.

Sheep butchery shown on production line of butchers.

Packing of liver and brains.

Cattle slaughtering process shown. Killing cattle. Butchery of cattle. Calf butchery.

Pig slaughtering and butchery. Processing of pig products.

Tallow and treatment of waste products.

Workers conditions in the freezing works show: lunchroom, locker room, washing overalls. Meat inspectors course at Lincoln College, Canterbury. Loading ship for export.

New Zealand National Film Unit for the Meat Division New Zealand Department of Agriculture

Editor and Director John Cooper

Photographer Kel Fowler and Brian Cross

Sound Ron Skelley and Kit Rollings

Producer Geoffrey Scott and Oxley Hughnan

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 27 mins

TR MAFF  
PH6/264

Dairy Farming Today No 2 Calf Rearing

Film shows calf care and disease identification and prevention.  
Film shows a basic calf rearing set up and a more complicated  
one. Jobs to do before the calf arrives.

Feeding, watering and milk substitute.

Frank Alder from Grasslands Research Institute speaks about  
outdoor calf rearing.

Shows calf illnesses, symptoms, treatment and prevention.

BBC TV

Presented by Bill Wheeler

Camera John Lawes

Film Editor Oliver White

Director Keith Clement

Producer Gordon Mosley

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 28½ mins

TR MAFF  
PH6/265

Epidemic (Foot and Mouth)

Film shows foot and mouth epidemic in Saskatchewan,  
Canada in 1952. Outlines epidemic and precautions taken.

Symptoms, eradication, animal destruction, precautions  
cleaning, testing animals and quarantine.

National Film Board of Canada Productions

Produced and Directed by Larry Gosnell

Photography John Sporton and Charles Beddoe

Editor Maureen Balfe

Sound recordist Clarke Deprato

Technical Advisor K F Wells VS DVM

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 15 mins

TR MAFF

Foul Brood - Its Recognition and Control

PH6/266

Film shows aspects of Foul Brood in bees, identification, eradication and treatment, relating to the Bee Diseases Control Order 1983.  
Bees, flowers and bee hives in amateur bee keepers gardens. Ken Ellis, Bees Officer and beekeeper, inspects hives looking for queen state, no overcrowding, space on the comb for honey, sufficient food, signs of foul brood disease. Healthy bee in diagram form. American Foul Brood (AFB) and European Foul Brood (EFB) outlined, symptoms in the hive, way diseases develop shown.  
Suspect combs sent to Vincent Cook of National Beekeeping Unit. Illustrates what happens.  
How to destroy a hove with AFB as it can't be treated. How to treat a colony with EFB.  
Moving bees by van to pollinate orchards. Honey extracting. Photography Ronald Eastman  
Sound Harry E Barnes  
Written and Directed by Alastair Chilston  
Technical Advisor National Beekeeping Unit ADAS  
Producer Beryl Stevens Associates

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 26 mins

TR MAFF  
PH6/267

Grassland

Film shows importance of managing grassland effectively. Farms from various parts of Britain are shown, and the management of the land shown and described in detail.  
'The management of grassland for maximum productivity. The thesis that grass is the most important crop grown in Britain, and that no other responds or pays better for good treatment is demonstrated by visits to farms where grass has been given the importance it deserves. The farms are commercial and practical and without any special facilities which are not generally available. Their situations and climate vary from the high rainfall hill land of Wales, to the dry lowland of East Anglia, and they were chosen to represent some of the main different types of farming viz. stock raising on hill land; the small mixed farms without milk; the small mainly grass, dairy farms, and the mixed farms where both arable cash crops and livestock are complementary main sources of income. The farms filmed were in the counties of Radnor, Hereford, Somerset, Oxford and Essex, but they are representative of

what is being done or can be done under similar  
circumstances in other counties of England and Wales.'  
Ministry of Agriculture, Fisheries and Food film catalogue, p  
113, 1957  
Central Office of Information for Ministry of Agriculture,  
Fisheries and Food and National Agricultural Advisory Service  
A Film Production Workshop  
Produced and Directed by Maxwell Munden  
Editor Steve Cox  
Camera Henry Hall  
Production Assistant John Gray  
Technical Advisor J N Sharrock

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 42½ mins

TR MAFF  
PH6/268

#### Milling and Mixing

Film shows milling and mixing of feed. Equipment shown.  
Feed taken to farmyard after processing.  
Ministry of Agriculture, Fisheries and Food?  
Thanks to The Principle and Staff of Cheshire School of  
Agriculture, Reaseheath

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 5 mins

TR MAFF  
PH6/270

#### Apple Wrapping II

Film shows women wrapping apples in slow motion.  
Techniques of Miss Staines, Mrs Tong and Mrs Bryder, but their  
faces are not shown.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 8 mins

TR MAFF  
PH6/271

#### Safety in Rural Industries

Film shows aspects of farming safety.  
Film outlines agricultural output and products of Queensland,

and accidents and percentage of profit. Animated 'Mr Accident Bug' taking the profits.  
Queensland Agricultural College, Gatton, class on safe tractor operating. Safe hitching. Remote controlled tractor shows what accidents can happen under certain unsafe practices including ploughing, speeding, pulling stumps and towing up a steep bank.  
Safety cab shown.  
Former student at home on his farm puts into practice what he has learnt at college, clear tractor footplates and no passengers.  
Grain harvesting aspects of safety in machinery. Guards on belts and augers.  
Sugar cane harvesting, way to handle machinery correctly to avoid accident.  
Safety in the farm workshop.  
Dairy farms unguarded shafts and belts.  
Poisons locked away and waterholes fenced off.  
Division of Occupational Safety Department of Labour and Industry, Queensland, Australia  
Kinetone Productions

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 23½ mins

TR MAFF  
PH6/272

#### Chicken Runs

Film shows chicken arcs, in various fields being moved by various methods.  
Watering and feeding chickens in the arcs, from a horse drawn cart. Collecting eggs by horse drawn cart.  
Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour and black and white, silent, 12 mins

TR MAFF  
PH6/273

#### Tollwut - Rabies; A Danger to Man and Beast

Shows rabid animals: fox, dog and cow.  
Usefulness of domestic and non-domestic animals outlined.  
History of rabies and extent of infection in Germany.  
Shows animals with rabies: dogs, cats, pig, sheep, cows, deer and fox.

Dead fox taken to laboratory and autopsied. Tests shown, injecting test mice for signs of the disease. Hospital for bite victims, vaccines and measure to take against the disease.

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 22 mins

TR MAFF  
PH6/274

### Cheese for Choice

Film shows cheesemaking in England and Wales. Cows and milking shed. Bull and daughters of bull. Cleaning cows and milking equipment, milking cows. Milk to farm dairy to make cheese. Describes and shows process of Cheshire cheese. Shows the largest cheese factory in England. Testing cheese. Somerset - Cheddar Gorge, shows cheddar being made. Cheeses at cheese merchants, brushed and turned. Milkers going out to field in pony and cart to milk in the field, milk for Caerphilly cheese, process shown. Lancashire and Yorkshire, Wensleydale cheese making not shown in detail. Leicestershire and Nottinghamshire Stilton cheese, Bell hotel where it was invented. Process shown. Range of National Mark cheeses displayed. Ministry of Agriculture, Fisheries and Food  
British Films Ltd Production  
Director Harvey Harrison

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 13 mins

TR MAFF  
PH6/275

### Calf Conservation

Film shows how to care for calves to ensure higher survival rates and therefore profits. Feeding, travelling conditions, diseases of calves and weaning.  
Midland Bank  
Producer and Director David Cobham  
Script Ivan Pattison  
Photography Bill Pollard and Jonah Jones  
Editor Ken Rowles and Sheila Wilson  
Commentary John Watson

Sound Eric Law  
Animation Guild Animation Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 16½ mins

TR MAFF  
PH6/277

It Pays to Know

Film shows American flax production. How best to grow it,  
production and profit statistics, harvesting and planting.  
Products made of flax.  
Flax Institute of USA

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 26 mins

TR MAFF  
PH6/278

Persona Non Grata

Film shows a parallel story of how a man working for a  
government department is recruited by the Soviet Union to  
pass information, and in contrast another man is approached  
but is able to tell his manager and avoids recruitment. The  
operation to catch the Russian contact and government  
worker is shown. The Russian turns out to be a diplomat who  
claims diplomatic immunity, but he is declared Persona non  
Grata and has to leave Britain.

Office scene - a man, Cyril Vining, tries to tell his manager  
something but his manager is too busy to talk to him. Cyril  
then takes a secret document.

Another office scene - a man, Wilson, describes his  
experiences in Russia which have led to Russians to try to  
reactivate him. His manager agrees to help him.

Cyril and Nikolai, a Russian, meet in a motor launch on a river.  
Gives him a camera to photograph documents.

Wilson agrees to meet Nikolai, with the knowledge of his  
manager.

Scenes of meetings and following of Cyril and Wilson.

Planning of arrest of Cyril and Nikolai and operation itself.

Arrest and release of Nikolai, Cyril left to take sole blame.

Nikolai at airport and is deported as Persona non Grata.

Scene in an ordinary home where the phone rings implying  
the Russians are trying to recruit someone else.

Central Office of Information

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 28½ mins

TR MAFF  
PH6/279

#### Science of Milk Production

Film shows scientific aspects of milk production. Includes how and why a cow gives milk and rules for good milking.

[Very beginning and end of film missing]

Ralston Purina Co

Jam Handy Picture

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 26½ mins

TR MAFF  
PH6/280

#### Silage Making on Every Farm

Film shows aspects of silage making.

Outlines benefits of silage.

Types of silo shown: pit silo, walled clamp, unwalled clamp, stack and built container.

Shows silage making with a team of two men.

Cows being fed silage in winter.

Central Office of Information for Farmers

Director Roseanne Brownrigg

Camera H Maynard

Commentary Jack Holmes

Production Trident Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 15½ mins

TR MAFF  
PH6/281

#### Sanitation Techniques in Rat Control

Film shows how rubbish storage and collection can limit rat numbers.

US Army

Communicable Disease Center US Public Health Service

Federal Security Agency

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 19½ mins

TR MAFF  
PH6/282

Twenty Four Square Miles

'In the last six months of 1943, the Agricultural Economic Research Institute of the University of Oxford carried out an investigation into the conditions of rural life, the results of which were published in May 1944. The facts discovered during that investigation form the basis of this film'  
Film shows aspects of a rural area of Oxfordshire, including communications, work, housing, social life, schools and health.

Scenes of London and smaller towns. Population statistics and distribution. Shown how area of study was chosen.

Local farmer describes his farm. Iron stone workers shown, blacksmith, saddler, wheelwright and factory work shown. Breakdown of where people work.

Farmworkers cottages, thatching, layout of the inside of cottage. Ribbon development, inside of house shown.

Water supplies, collection of water by hand. Electricity.

Parish church, parish meeting shown, rural district council.

Social life, choir, cricket, pub playing darts and dominoes.

Slate or thrift clubs outlined. Ping pong, snooker and dances.

Women's institute.

Food production, allotments.

Schools outlined, shows village primary school, country secondary school and local secondary education. Adult education class.

Scout and guides, YWCA social evening and Young Farmers clubs.

Central Office of Information

Basic Films

Director Kay Mander

Producer R K Neilson Baxter

Photography A A Englander

Editor Adam A Dawson

Animator Cynthia Whitby

Model work J P McCrum

Camera John Abbott

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 40 mins

TR MAFF  
PH6/284

### Management for Milk

Film shows benefits of good grassland management throughout the farming year.  
Milk churn lorry travelling through the countryside to the farm of R Seymour, Satinstown Farm, Heathfield, Kent. Mr Seymour describes his milking herd and sheep.  
Describes how he uses his land and stock. Map of land, including type.  
Shows aspects of land management including fertilising land, silage making, hay making, grazing, threshing and kale cutting.  
Milk production statistics.  
Plant Protection Unit

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 32½ mins

TR MAFF  
PH6/285

### Wipe Out Warble Fly

'The life of the warble fly and the treatment of cattle with derris in compliance with the Warble Fly Order. The losses caused by the warble fly to the farmer, the leather trade and manufacturers of high class leather goods are illustrated.'  
Ministry of Agriculture, Fisheries and Food Film Catalogue 1957, p46  
Cattle shown in North Wales, Hereford, Highlands of Scotland, Scottish Lowlands, riverside East Anglia.  
Warble fly described, stampeding cattle because of Warble fly. Injured cattle.  
Warble fly life cycle described. Gullet of cow with fly infestation. Shows cows with grubs emerging from back.  
Lifecycle.  
Law relating to warble fly.  
Irish cattle arriving at the docks.  
Warble fly dressing mixed up and applied to each cow in yard.  
Meat shown with effects of warble fly. Hides with grub holes.  
Tannery shown. Leather goods shown.  
Hides and Allied Trades Improvement Society  
Consultant Graham Cherry  
Commentator Godfrey Basely  
Production Boulton-Hawker Films Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, sound, 28½ mins

TR MAFF  
PH6/286

### Tractor Tyres Part 1

A study of the means of increasing the adhesion of pneumatic tyred farm tractors.

With captions.

Film shows cause and effect of wheel slip, results of wheel slip, power, drawbar horse power, method to reduce wheel slip, tyre fitting, ground contact area of the tyre and adding weight.

Ministry of Agriculture, Fisheries and Food

National Institute of Agricultural Engineering and National Agricultural Advisory Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 8½ mins

TR MAFF  
PH6/287

### Tractor Tyres Part 2

A study of the means of increasing the adhesion of pneumatic tyred farm tractors. Continuation of part I, please see TR MAFF PH6/286.

Film shows filling of tractor tyres with liquid ballast, to different levels and illustrates the difference between ploughing with and without the ballast. With captions.

Ministry of Agriculture, Fisheries and Food

National Institute of Agricultural Engineering and National Agricultural Advisory Service

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 16 mins

TR MAFF  
PH6/288

### Buildings for the Modern Farmer

Film shows conversion of farm buildings on four farms for milking.

Model of Dale End farm buildings shown. Meeting at Dale End Farm between Farmer, Milk Production Advisory Officer, Land Agent and Farm Buildings Advisory Officer. Buildings described and shown.

Neighbouring farms shown: Long Meadow Farm, changed existing buildings to yard and parlour system. Heath Brown Farm, converted existing buildings and Hill Top Farm, where a

new homestead and barn were built.  
Scheme for Dale End Farm decided on, building work and end  
result shown.

Central Office of Information for Ministry of Agriculture,  
Fisheries and Food

Film made with grant under Conditional Aid Scheme for the  
use of counterpart funds derived from the US Economic Aid

Film Workshop Production

Producer Maxwell Munden

Director Dennis Shand

Cameraman Henry Hall

Editor Steve Cox

Production Assistant Ron Genders

Acknowledgements trustees of Chatsworth Settlement

Technical Director Agricultural Land Service in Cooperation  
with MR H E G Read FLAS and farmers R C and J Tomlinson, W  
Heathcote, E H Glossop and J B Bryan

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 17 mins

TR MAFF  
PH6/289

Potato Cultivators

Film shows aspects of correct ploughing and planting of  
potatoes.

Captions followed by demonstration, tractor driven by  
woman

Captions:

Towing on headland; standard tractor; general purpose  
tractor; layout of field (diagram only); splitting back ridges;  
depth - incorrect, correct; effect of shape of ridge - too  
pointed, flat topped; effect of join - too wide, too narrow;  
toolbar; special splitting method

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, silent, 14½ mins

TR MAFF  
PH6/290

Induced Breeding of Grass Carp

Film shows breeding of grass carp, possibly by artificial means.  
Soundtrack maybe missing.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Colour, silent, 14 mins

TR MAFF  
PH6/291

What's in it for me?

Film shows modern, hygienic milking methods on a small American farm.

Dairy farmer [Walt] shown, who wants to improve his milking methods.

Types of buildings shown.

Walt shows his milking routine: washing and sterilising equipment, washing cow, strip cup, milking cow, moving on to second cow. Milk taken to milk house strained and cooled. Cleaning equipment and milking barn.

Doris, Walt's wife, cleans the dairy equipment more thoroughly. She pasteurises the milk for her family in the kitchen.

Milk collection shown and milk processes at factory. Including cheddar cheese making, butter and ice cream.

Milk delivered to the door step.

Photographed and directed by Don Nungester [USA]

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 17 mins

TR MAFF  
PH6/292

Simple Fruit Pruning

Film shows ways to correctly prune fruit including apples, plums, blackcurrants, raspberries, gooseberries and redcurrants.

Ministry of Information for gardeners

Director Rosanne Hunter

Camera A E Jeakins

Realist Film Unit

1 16mm film, 1 VHS video, 1 DVD (viewing copy)  
Black and white, sound, 19 mins

TR MAFF  
PH6/293

Watch out with Gas

Film shows correct way to gas rabbits and lists actions not to take.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Colour, sound, 2½ mins

TR MAFF  
PH6/294

The Mite Menace

Film shows mites in a laboratory, the damage mites do and the signs to look out for.

Ministry of Agriculture, Fisheries and Food

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 2½ mins

TR MAFF  
PH6/295

The Rabbit Pest

Film shows the damage rabbits do, methods of killing rabbits and how to gas rabbits in detail.

Donald Taylor presents a Strand Film Production

Directed and photographed by Gerald Gibbs

Commentary Bernard Miles

Recordist Al Rhind

Plant Protection Ltd

1 16mm film, 1 VHS video, 1 DVD (viewing copy)

Black and white, sound, 5 mins