Film Strips
of the
U. S. DEPARTMENT
OF AGRICULTURE

AGRICULTURE HANDBOOK NO. 87
Figure 1.—Diagram of film strip frames: A, single; B, double. The single frame runs vertically; the double frame, horizontally.
INFORMATION FOR PURCHASERS OF FILM STRIPS

THIS CATALOG brings you prices of film strips of the United States Department of Agriculture. Titles are listed in alphabetical order according to topic; topics are shown in the contents. Film strips are listed numerically on pages 27 through 29. The film strips available in double-frame size (fig. 1) are so indicated. Black and white and color are listed in this catalog.

Film strips of the United States Department of Agriculture cover many phases of agriculture and home economics. They are designed for use in teaching better farm and home practices. Most of them are prepared cooperatively by the various subject-matter Agencies of the Department.

All film strips of this Department are on 35-millimeter non-flammable motion-picture film. They cannot be used in motion-picture projectors, or in glass lantern-slide projectors of either size, without adapters. They may be used in combination projectors of either size, without adapters. They may be used in combination projectors designed to show either film strips or 2 by 2 inch color slides.

Film strips are known by several other names, such as slide-films, film slides, and by private trade names. They should not be confused with motion pictures.

All the film strips listed in this catalog are silent, lecture notes are furnished unless otherwise noted. In a few instances, farmers' bulletins contain all the supplemental information required. Where notes are not furnished the film strip is self-explanatory.

Film strips are issued in single-frame, in double-frame, or in both sizes. The single-frame films may be used in any film strip projector. The double-frame films may be used only in projectors designed to accept them, although many extension workers cut the frames apart and mount them in 2 by 2 inch slides for use alone or in combination with the color slides they produce locally. When both sizes are listed under a particular film, be sure to specify which size is desired. The versions are identical in content. Both are on 35-millimeter-width film, and they differ only in the size of the picture itself.

Please note that prices are subject to change on July 1, 1956. Instructions for ordering are to be found on page III. Extension editors and other leaders are notified of the issuance of all new film strips. All new releases are listed in the Extension Service Review.

MOTION PICTURES

Listed also in this catalog under their relevant topics are the titles of certain motion pictures available from the Department.
More detailed information about these motion pictures and others can be found in Agriculture Handbook 14, Motion Pictures of the United States Department of Agriculture. Send your request for the motion-picture catalog to Motion Picture Service, United States Department of Agriculture, Washington 25, D. C.

INSTRUCTIONS FOR ORDERING
FILM STRIPS

Read These Instructions Before Placing Your Order

When purchasing film strips, send your order direct to Photo Lab, Inc., 3825 Georgia Avenue NW., Washington 11, D. C., the firm that holds the Department's contract for the year ending July 1, 1956. Do NOT send your purchase order to the United States Department of Agriculture.

The prices given in this catalog are for single copies. When ten or more copies of any one film strip are ordered, slightly lower prices are charged. These quantity prices will be supplied on request. (No discount is given on orders for single copies of more than one strip.) All prices are for single-frame film strips unless otherwise specified.

Remit by money order or check made payable to Photo Lab, Inc., and forward direct to that firm, NOT to the Department of Agriculture.

A money order or check should accompany each order, except in the case of large institutions which follow the practice of issuing formal business orders. However, the contractor will not carry on an open account basis orders for less than three dollars ($3.00).

For information regarding film strips write to the Office of Information, United States Department of Agriculture, Washington 25, D. C.
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FILM STRIPS OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL ECONOMICS

AN APPLE IS LIKE A BAG OF EGGS. No. 701. Released 1952. No notes.
See MARKETING, page 16 (32 frames: Double, $1.00.)

EASY WAYS TO MAKE A BANGED-UP APPLE CROP. No. 702. Released 1952. No notes.
See MARKETING, page 16 (33 frames: Double, $1.00.)

FOOD MARKETING EDUCATION FOR CONSUMERS. No. 695. Released 1951.
See MARKETING, page 16 (21 frames, $0.90.)

Charts of statistics relative to agriculture in the United States. Released in October each year. (80 frames: Double, $5.25.)


RETAILING PREPACKAGED PRODUCE. No. 691. Released 1951.
See MARKETING, page 16 (42 frames, $0.90.)


AGRICULTURAL ENGINEERING

CARE AND REPAIR OF FARM MACHINERY. No. 628. Released 1942. No notes.
A series of illustrated charts, prepared by the Missouri Extension Service. As these charts are self-explanatory, no lecture notes were issued. (49 frames, $0.65.)

1This publication is a revision of and supersedes Agriculture Handbook 17, Film strips of the U. S. Department of Agriculture.
DRYING EAR CORN WITH FORCED AIR. No. 697. Released 1952.

Corn is too valuable a crop to be wasted. The thousands of bushels that spoil on our farms each year because kernel moisture content is too high for safe storage, add up to an avoidable dollars-and-cents loss for individual farmers and a heavy loss of potential feed for this country's livestock. (43 frames: Single, $0.90; double, $1.30.)


Modern electrical farm devices and appliances speed up many chores formerly done by hand. Farm products formerly handled by hand can now be made ready for marketing in much shorter time by the use of electricity. (50 frames: Double, $4.50.)

HOG HOUSES AND EQUIPMENT. No. 53. Revised 1940.

See LIVESTOCK, Swine, page 16 (30 frames, $0.90.)


Covers the many benefits of flood and sprinkler type of irrigating, and the advantages of driving the pumps by electricity. (65 frames: Double, $5.25.)


DAIRYING

DAIRY HERD IMPROVEMENT ASSOCIATION, THE; IDENTIFICATION AND PERMANENT RECORD PROGRAM. No. 554. Released 1939.

Positive identification of animals is necessary in order to trace family lines for possessors of superior inheritance. The tester ear-tags animals and records his findings with the United States Bureau of Dairy Industry. (38 frames, $0.90.)


Gives methods of developing a high-producing and profitable dairy herd. (39 frames: Double, $4.50.)
SAVE WORK IN DOING DAIRY CHORES. No. 674. Based on Vermont Agricultural Experiment Station Bulletin 503. Released 1947.

The story of how one Vermont farmer studied the way he was doing his dairy-barn chores and, as a result, was able to make improvements that saved 2 hours and 5 minutes of time daily and 2 miles of walking. (59 frames: Single, $0.95; double, $1.55.)


EXTENSION WORK

General

COUNTY AGENT, THE. No. 654. Released 1944.

Intended especially for persons unfamiliar with the educational program of the Department of Agriculture, administered through the Extension Service. The aim of this film strip is to acquaint them with the county agent and his work. It describes in brief his agricultural background and who he is, and illustrates in general his activities in helping farmers to solve their problems. His influence on the people in the county as a leader in rural affairs is emphasized.

As a typical example of a county agent and his work, we have chosen County Agent McVean of Kent County, Md., though a few pictures of other county agents are included. (64 frames: Single, $0.95; double, $1.55.)

EXHIBIT IDEAS. No. 631. Released 1942.

Made up of photographs of exhibits that are analyzed and criticized in the lecture notes. The film strip is not intended for use before audiences, but rather for self-improvement and planning on the part of agents. Study of Department of Agriculture Miscellaneous Publication 634--Educational Exhibits--in connection with this film strip will aid agents in planning effective but inexpensive exhibits. (37 frames, $0.90.)

FARM FORESTRY EXTENSION IN THE UNITED STATES. No. 393. Released 1936.

Growing forest trees on farm woodlands under direction of State extension foresters and county agents offers a variety of possible benefits. (69 frames, $1.00.)

HOME-GROWN FOOD: PRODUCTION, PRESERVATION. No. 663. Released 1945.

Depicts the great variety of ways in which farm and urban families have responded to the Nation's call for increased food
production and home food preservation in accordance with recent research findings. The scope of the national food program is indicated in this discussion of results, as described in extension agents' reports submitted annually to the U. S. Department of Agriculture. (64 frames: Single, $0.95; double, $1.55.)

MOTION PICTURES ON RELATED SUBJECTS: Food and Soil. For Years to Come.

4-H Club Activities

A pictorial record of 4-H Club activities in the United States. (52 frames: Single, $0.70; double, $1.35.)

NATIONAL 4-H CLUB CAMP, THE. No. 679. Released 1947.
Depicts highlights of the seventeenth National 4-H Club camp, held in Washington, D. C. (35 frames, double, $1.20.)

Highlights of the program for the 4-H delegates in Washington for the 19th club camp. (60 frames: Double, $5.)

Shows how the 4-H girl meets problems of fitting and selection of dresses and accessories and improving personal appearance. (34 frames: Double, $4.)

Home Demonstration Work

FINDING MINUTES. No. 638. Released 1943.
Made up of drawings. If you are losing time and zest in your home-making, the first drawings remind you where you may be at fault; the rest show that planning your work and knowing the right thing to do--be it large or small and done indoors or out--free you for health, leisure, fellowship. (43 frames: Single, $0.90; double, $1.30.)

MAKING A GIRL'S DRESS. No. 694. Released 1951. No notes.
Shows the step-by-step process in making a girl's dress. Features an easy plan of working by units and other new techniques. (65 frames: Single, $0.75; double, $1.60.)

PLANNING OUR FAMILY LIFE. No. 587. Revised 1944.
Where each in a family group shares equally in planning for the farm, home, and members, the problems of every-day life are solved cooperatively, and the children learn their relationship and responsibilities to their community and Nation. (59 frames, $0.95.)
SIMPLE WAY TO IRON A SHIRT, A. No. 649. Released 1944.

Presents a quick, simple method of ironing men's shirts which requires much less time than the usual methods. (44 frames: Single, $0.90; double, $1.30.)

STEP BY STEP IN EVERYDAY TASKS. No. 643. Released 1944.

No one can afford to spend all day doing housework, or neglect it too much because of outside activities. A good manager works quickly and easily, gets the job done, and has time left for other things. There is a short and easy way to do every task. Unnecessary motions and steps need to be eliminated. The correct way of doing a job must be put into practice. (60 frames: Single, $0.95; double, $1.55.)

MOTION PICTURE ON RELATED SUBJECT: For Health and Happiness.

FARM LABOR

LABOR EFFICIENCY ON THE FARM. No. 630. Released 1943.

In major jobs and in minor details of farm work, know how to make best use of the worktime of hired helpers and of your own the year round. Plan your work; make work light and save time; save lost motion of men and equipment; grow crops to yield high; handle labor intelligently. (48 frames: Single, $0.90; double, $1.20.)

LEARNING ABOUT FARM JOBS FROM PICTURES. No. 652. Released 1944.

Designed to help in reaching a decision on how to do a farm job in a certain area. Shows how pictures may be used with job instruction. (50 frames: Single, $0.90; double $1.30.)

FARMING

General

AMERICAN FARM HOME LIFE. No. 669. Released 1946.

Designed to give a general conception of modern home life on the farm as it may be found throughout the country. Supersedes No. 270. (62 frames, $0.95.)

FARM TO FIT YOUR LAND. No. 676. Released 1947.

Helps to depict the best use and treatment of land for practical purposes; classifies the land according to what it can produce best and still retain its productivity. (62 frames: Single, $0.95; double, $1.55.)

Shows history and development of agriculture in the West and its value in converting the arid and semiarid land of this area into prosperous and productive farms. (56 frames: Single, $0.95; double, $1.55.)

IS FARMING FOR ME? No. 664. Released 1945.

Prepared to give servicemen, veterans, and others who may want to farm a glimpse of what farm life is like. As many important factors should be considered, the purpose of this presentation is to help prospective farmers decide whether to farm or not and direct them to sources of practical information on the subject. (54 frames, $0.95.)


FIELD CROPS

Cereals


See CROP INSECTS, page 14 (33 frames: Single, $0.90; double, $1.20.)

MOTION PICTURE ON RELATED SUBJECT: Stem Rust.

Cotton

FACTS ABOUT COTTON AND SOUTHERN FARMING. No. 666. Released 1946. No notes.

Presents graphs showing cotton problems of today. No lecture notes; the film strip is self-explanatory. (63 frames, double, $1.35.)

Grasses and Haymaking

FRONTIERS OF GRASS; A STORY OF THE WESTERN RANGE. No. 585. Released 1939.

See SOIL CONSERVATION, Regional, page 25 (64 frames, $0.95.)

FIRE PREVENTION AND CONTROL

PREVENT FARM FIRES. No. 642. Released 1944.

A challenge to you! Help to reduce the annual fire loss in your county by fireproof construction; replacements, not patches; approved wiring. Twenty percent of the fires are caused by human beings through carelessness with matches, cleaning fluids, and other combustible materials. Eliminate fire hazards, inside and out. They are costly. (38 frames: Single, $0.90; double, $1.30.)


FORESTRY

COMMUNITY FORESTS, A LOCAL ASSET. No. 604. Released 1941.

A pre-Revolutionary community forest has been a valuable asset from the start. Such forests in a number of States now yield profit, employment, and recreation. (79 frames: Single, $1.00; double, $1.80.)

FAMOUS TREES IN THE UNITED STATES. No. 507. Released 1939. Lecture notes slightly revised.

Trees that commemorate events in history and life, trees noted for size or age or unusual form, trees planted by far-sighted early national leaders. (80 frames, $1.00.)


See SOIL CONSERVATION, General, page 23 (48 frames: Single, $0.90; double, $1.30.)

FARM FORESTRY EXTENSION IN THE UNITED STATES. No. 393. Released 1936.

See EXTENSION, General, page 3 (69 frames, $1.00.)

FARM FORESTRY IN THE SOUTH. No. 447. Released 1937.

Good practices in farm woodland management pay. Various trees may be profitably grown. (64 frames. $0.95.)
FORESTRY AND HUMAN WELFARE. No. 506. Released 1938.

Forests contribute to the grazing of livestock and game, water supply, recreation. (59 frames, $0.95.)

PRODUCTION OF MAPLE SYRUP, THE. No. 682. Released 1948.

See MISCELLANEOUS, page 21 (59 frames: Single, $0.95; double, $1.55.)

SOUTHERN PINES PAY. No. 595. Released 1940.

Idle land may be turned to profit by planting to pines that yield turpentine, timber, and other crops within a few years. Protect stands against fire. (50 frames, $0.90.)

TREE PLANTING AND LAND USE. No. 620. Released 1941.

See SOIL CONSERVATION, General, page 24 (54 frames: Single, $0.95; double, $1.55.)


HOME ECONOMICS

CANNING CHICKEN. No. 658. Released 1945.

Shows how to can poultry according to methods recommended by the Bureau of Human Nutrition and Home Economics, and also demonstrates a quick and simple way to cut up a bird. All photographs were made in the experimental laboratories of the Bureau and represent the how-to-do-it steps based on the Bureau's research. (45 frames: Single, $0.90; double, $1.30.)

CANNING FRUITS AND TOMATOES. No. 660. Released 1945.

This film strip is in two parts. Following introductory pictures of equipment, Part 1 shows how to can a fruit, illustrating step-by-step with peaches, according to the method recommended by the Bureau of Human Nutrition and Home Economics. Part 2 shows
how to can tomatoes by the same method. Other acid vegetables
canned the same way are pickled beets, sauerkraut, and ripe pi-
miento peppers. All photographs were made in the experimental
laboratories of HNHE. (49 frames: Double, $1.30.)

CANNING MEAT: No. 659. Released 1945.

Shows how to can meat according to methods recommended by the
Bureau of Human Nutrition and Home Economics. All photographs
were made in the experimental laboratories of the Bureau, and
represent the how-to-do-it based on the Bureau's latest research.
(40 frames: Single, $0.90; double, $1.30.)

CANNING VEGETABLES THE STEAM-PRESSURE WAY. No. 661.
Released 1945.

How to can snap beans according to the method recommended by
the Bureau of Human Nutrition and Home Economics is shown step
by step. All vegetables, except tomatoes and pickled beets, are
canned this way. The photographs were made in the laboratories
of HNHE, and follow the method described in AIS-64--Home Can-
ning of Fruits and Vegetables. This leaflet, issued by the United
States Department of Agriculture, includes time-tables and other
printed directions as well as many of the pictures shown in this
film strip, so that home canners may have them for inspection and
ready reference. (32 frames: Double, $1.20.)

COOKING POULTRY, OLDER BIRDS. No. 561. Released 1939.

Steps in braising, casseroling, steaming, stewing older birds,
suggestions for typical dishes. (38 frames, $0.95.)

COOKING POULTRY, YOUNG BIRDS. No. 560. Released 1939.

Steps in broiling, pan frying, French frying, roasting chickens,
and cooking other young birds. (51 frames, $0.90.)


Explains factors to be considered in judging the fit of a man's suit.
(30 frames: Double, $1.20.)


Instructs women in making simple alterations to solve common
dress-fitting problems. (31 frames: Double, $4.)

FREEZING BROCCOLI AND CORN ON THE COB. No. C-29.
Released 1953. Color.

Want to freeze those fresh, tender vegetables right from your
garden? This film strip gives the how-to-do-it story for corn on
the cob and broccoli. The freezing of these two vegetables illus-
trates the main steps in the freezing of any vegetable. (35 frames:
Double, $4.)

Freezing is one of the simplest and least time-consuming ways to preserve fruits. This film shows how to freeze fruits in sugar and in sirup, illustrating step by step with strawberries and peaches. The same general steps are followed when freezing other fruits. (35 frames: Double, $4.)

FROZEN-FOOD LOCKERS AND YOUR FOOD SUPPLY. No. 586. Released 1940.

Home-raised food makes your income reach. Freeze and store this food, properly wrapped, to keep fresh throughout the year in a locker plant of sound construction. The film strip carries a floor plan for a complete locker plant and shows types of lockers, a home-made freezer chest, details of construction of a locker plant, and how to grow and prepare plant and animal foods to freeze best. (63 frames, $0.95.)

HOME-GROWN FOOD: PRODUCTION, PRESERVATION. No. 663. Released 1945.

See EXTENSION WORK, General, page 3 (64 frames: Single, $0.95; double, $1.55.)


Explains the importance of vitamins A and C to growing children and suggests ways to make sure that the foods served in school lunch programs contain sufficient quantities of these two vitamins. (15 frames: Double, $4.00.)


Explains factors to be considered by men in choosing clothes suited to themselves and to different occasions. (39 frames: Double, $4.50.)

MAKING A GIRL'S DRESS. No. 694. Released 1951. No notes.

See EXTENSION, Home Demonstration Work, page 4 (65 frames: Single, $0.75; double, $1.60.)

POTS AND PANS FOR YOUR KITCHEN. No. 693. Released 1951.

This film strip was made to help you decide what are the essential pieces for your kitchen and then to show what to look for in selecting pans, whether you are fitting out a kitchen for the first time, replacing poor or wornout utensils, or adding pieces to complete your present set. (43 frames, $0.90.)
QUALITY OF A MAN'S SUIT. No. 710. Released 1954.

Explains factors to be considered in buying a man's suit. (29 frames: Double, $1.20.)

SIMPLE WAY TO IRON A SHIRT, A. No. 649. Released 1944.

See EXTENSION, Home Demonstration Work, page 5 (44 frames: Single, $0.90; double, $1.30.)

STEP BY STEP IN EVERYDAY TASKS. No. 643. Released 1944.

See EXTENSION, Home Demonstration Work, page 5 (60 frames: Single, $0.95; double, $1.55.)


Shows details of the step-saving U kitchen, which was built in the laboratories of the Bureau of Human Nutrition and Home Economics, USDA, and designed according to work-simplification principles. (40 frames: Double, $4.50.)


HORTICULTURE

Gardening

BACKYARD VEGETABLE GARDEN, A. No. 657. Released 1945.

The process of growing vegetables in a 30- by 50-foot plot in a small suburban backyard. The film strip covers selecting the site; planning the garden; spading and preparing the ground; planting, thinning, staking tomatoes and beans; cultivating, irrigating, and succession cropping. A section on making compost is included. (60 frames: Single, $0.95; double, $1.55.)

GARDENING CARTOONS, A DOZEN "DON'TS" FOR GARDENERS. No. 633. Released 1942. No notes.

Reproduction of the cartoons that appeared in the March 1, 1942, issue of Consumers' Guide, including the caption under each cartoon and a garden plan. (16 frames: Double, $1.00.)

HOME-GROWN FOOD: PRODUCTION, PRESERVATION. No. 663. Released 1945.

See EXTENSION, General, page 3 (64 frames: Single, $0.95; double, $1.55.)
HOME-GROWN PLANTS FOR TRANSPLANTING. No. 656. Released 1945.

Many gardeners in town and city and on the farm will find it advantageous to grow their own plants for setting out. This film strip shows in close-up detail, step by step, the various operations and tricks of the process—preparing the soil, putting it in boxes, treating seed, planting seed, caring for the young plants, transferring them to flats, cups, and pots, and finally setting them out. (37 frames; Single, $0.90; double, $1.30.)

INSECT PESTS OF GARDEN VEGETABLES AND THEIR CONTROL. No. 503. Released 1938.

See INSECTS, Crop Insects, page 14 (63 frames, $0.95.)

PLANNING THE HOME VEGETABLE GARDEN. No. 692. Released 1951. No notes.

Shows the method of organizing the planning of a complete and well-rounded-out vegetable garden from a practical as well as a nutritional standpoint. (36 frames: Single, $0.65; double, $1.10.)

SUMMER CARE AND HARVESTING IN THE HOME GARDEN. No. 704. Released 1952.

Shows modern techniques in the care of a vegetable garden through the growing months and the best methods of harvesting at the proper time, including the use of new and up-to-date gardening tools, etc. (35 frames: Single, $0.90; double, $1.20.)

SPECIAL TECHNIQUES FOR THE HOME GARDENER. No. 705. Released 1952.

Teaches the most modern techniques in planning and growing a vegetable garden that will give the greatest return in quality and quantity. (35 frames: Single, $0.90; double, $1.20.)

NEW GARDENER, THE. No. 641. Released 1943.

Charts the beginner's course simply and in detail through the main steps in gardening. We see how to prepare the ground; how to plant various seeds, how far apart, and not to thick or deep; how and when to transplant, weed, stake, and harvest. (49 frames: Single, $0.90; double, $1.30.)

MOTION PICTURES ON RELATED SUBJECTS: Grow Your Own. Killing Weeds With 2, 4-D. Planting Seed Indoors.

Orchards

SOIL EROSION AND ITS CONTROL IN ORCHARDS. No. 611. Released 1941.

See SOIL CONSERVATION, General, page 24 (38 frames: Single, $0.60; double, $1.)
INSECTS

General

INSECTS, THEIR GROWTH AND STRUCTURE. No. 399. Released 1936.

Drawings show types and kinds of insects, the external anatomy, the internal anatomy in general, and some life cycles. (44 frames, $0.90.)

GRAIN SANITATION. No. 708. Released 1954.

Shows various insects that attack grain, the damage caused by insects and rodents, and methods of preventing insect infestation and rodent contamination of grain in storage. (54 frames: Double, $1.55.)


Bee Culture

ANATOMY OF THE HONEYBEE, THE. No. 151. Revised 1939.

Detail structures of the parts of worker, queen, and drone as an aid in knowing bee culture and activity. (33 frames: Single, $0.90; double, $1.20.)

DIAGNOSIS OF BEE DISEASES IN THE APIARY. No. 171. Slightly revised 1942.

The symptoms of the different diseases of bees distinguished in the apiary and methods of control are shown and discussed. This film strip is intended for extension workers, State apiary inspectors, and instructors in agriculture. Workers thoroughly familiar with bee diseases can substitute their own notes. (58 frames, $0.95.)

FIRST LESSONS IN BEEKEEPING. No. 346. Slightly revised 1941.

Standard equipment and practical method of handling bees for production of honey for home use. (45 frames, $0.90.)

TRANSFERRING BEES TO MOVABLE-FRAME HIVES. No. 616. Released 1942.

The honey supply of this country can be greatly increased if bees are handled by modern methods. Here we follow through in detail the method of transferring bees from box hives and log "gums" to modern movable-frame hives, from the beginning of smoking and drumming out the bees, cutting combs to be moved, care in handling, use of modern equipment, to the final views in the film strip.
an apiary built for northern winter and how to shelter it from the wind. (36 frames: Single, $0.90; double, $1.30.)

MOTION PICTURE ON RELATED SUBJECT: Realm of the Honey-bee.

Crop Insects


Gives the history and life habits of the hessian fly and recommends measures for its control. The film strip would be of greatest usefulness in winter-wheat regions. (33 frames: Single, $0.90; double, $1.20.)

INSECT PESTS OF GARDEN VEGETABLES AND THEIR CONTROL. No. 503. Released 1938.

Life stages and plant injury of many common insects of the two general types classified according to mouth parts. (63 frames, $0.95.)


Color.

Depicts some of the common insect pests of vegetables and gives suggestions for control. (35 frames: Double, $4.)


Pests of Livestock and Man

CATTLE GRUBS, OR HEEL FLIES. No. 637. Released 1942.

Only in its grub stage, at the end of its 9-month journey through an animal's body tissues, can this pest be destroyed. Here you see various controls applied, some best for farm herds, others for range. You also see seasonal and life cycles, attack on cattle and their defense, close-ups, distribution. (33 frames: Single, $0.90; double, $1.20.)


LIVESTOCK

Animal Diseases and Pests

CATTLE GRUBS, OR HEEL FLIES. No. 637. Released 1942.

See INSECTS, Pests of Livestock and Man, page 14 (33 frames: Single, $0.90; double, $1.20.)

Depicts symptoms in order to aid the farmer in recognizing the disease. Shows the need for drastic steps in destroying diseased animals, cleaning and disinfecting premises, and reporting suspected cases to livestock authorities. (33 frames: Single, $0.90; double, $1.20.)

TRICHINOSIS, A DISEASE EASILY PREVENTED. No. 573. Released 1939.

Stages of the parasite, causes of the disease, and its spread and prevention. (31 frames, $0.90.)


Poultry

SELECTING HENS FOR EGG PRODUCTION. No. 126. Revised 1940.

How to tell the laying hen from the nonlayer, how molting and bleaching index egg production, how to improve the flock by selecting and breeding. (55 frames, $0.95.)


Rabbits

RABBIT RAISING. No. 685. Released 1949.

Presents information on desirable practices for breeding and feeding the domestic rabbit, and marketing its meat, pelts, and wool. This information is suitable for both the small back-yard rabbitry and the full-time operator. (50 frames: Double, $1.30.)

Sheep

BREEDS OF SHEEP. No. 141. Revised 1939.

Several breeds of sheep classified on the basis of fine, medium, and coarse wool, and Karakul fur. (56 frames, $0.95.)

Swine

BREEDS OF SWINE. No. 44. Revised 1940.

Several types and breeds of swine commonly used in producing market hogs in the United States. Lard and bacon types are compared. (33 frames, $0.90.)

HOG HOUSES AND EQUIPMENT. No. 53. Revised 1940.

A-type and box-type houses, loading chutes, feeders, and other equipment and their construction. (30 frames, $0.90.)

SELECTING AND JUDGING BREEDING HOGS. No. 142. Revised 1939.

Certain points are observed in scoring the various parts of the two types of hogs (lard and bacon) raised in this country. (31 frames, $0.90.)


MARKETING

AN APPLE IS LIKE A BAG OF EGGS. No. 701. Released 1952.

No notes.

Stresses the need for careful handling of apples from producer to consumer. (32 frames: Double, $1.00.)


Depicts the wide variety of products of South and Central America that are used in exchange in commerce with the United States. (44 frames: Double, $4.50.)


Depicts the wide variety of products of South America and Central America that are used in exchange in commerce with the United States. (41 frames: Single, $0.90; double, $1.30.)

EASY WAYS TO MAKE A BANGED-UP APPLE CROP. No. 702. Released 1952.

Teaches the proper handling of apples from picking to marketing. (33 frames: Double, $1.00.)
FEDERAL BEEF GRADE STANDARDS. No. C-17. Released 1951.
Color.
A highly technical film strip which interprets the official United States Standards for Grades of Carcass Beef. Lecture notes describe each carcass in relation to the official standards. (45 frames: Double, $4.50.)

FEDERAL MEAT INSPECTION. No. 466. Reissued 1945.
Contrasts conditions that may exist where Federal meat inspection is not practiced with the methods of Government inspection by following through the work of Federal officials, observing the live animals and after slaughter inspecting carcasses and parts, the stamping and tagging, the cooling and cutting up of carcasses, and the trimming, packing, and shipping. (42 frames: $0.90.)

FOOD MARKETING EDUCATION FOR CONSUMERS. No. 695.
Released 1951.
The examples shown in this film strip are from the operations of a regional consumer food-marketing educational program, and are but a few of the many examples that could be shown of how this work is done. (21 frames: $0.90.)

MORE AND BETTER FOODS FROM TODAYS PAY CHECK. No. 712. Released 1955. No notes.
A film form of Information Bulletin No. 138, this is a story about food--some of the changes of the past 30 years and what they mean. (43 frames: Double, $1.00.)

A film form of Information Bulletin No. 138, this is a story about food--some of the changes of the past 30 years and what they mean. (43 frames: Double, $4.50.)

The Grain Grading Primer, AH 59 of the U. S. Department of Agriculture, describes in considerable detail the grain inspection methods that are taken up in this film strip. Frames are shown in the usual order in which samples are handled in grain inspection. In practice, the order varies with the kind of grain. (28 frames: Double, $4.)

Color.
Based on research work reported in Michigan State College publications, Circular Bulletin 211 and Experiment Station Folder 6. Shows the importance of proper home management and the establishment, through research, of a standard by which the managerial ability at a homemaker could be measured. (50 frames: Double, $4.50.)
The housewife may buy fruits and vegetables in various forms. The retailer’s methods of handling, displaying, and merchandising the goods have much to do with the success or failure of his business and the business of the farmers and distributors who supply him. This film deals exclusively with prepackaged fruits and vegetables. (42 frames: $0.90.)

ROADSIDE MARKETING. No. 273. Revised 1939.

Several kinds of roadside stands made attractive with respect to location, display, signs, and advertising. Charts of data from a number of stands show distribution of a day's sales, of the days of the week, of the months of the year, and of a year. (51 frames: $0.95.)


Shows corn and soybean classes and some of the various types of damaged kernels found in commercial lots of wheat, corn, and soybeans. (33 frames: Double, $4.)


Shows some of the head and kernel characteristics of wheat, with special reference to the Hard Red Winter class. (43 frames: Double, $4.50.)


Gives consumers information to assist them with the purchase of beef. It shows the various Federal grades of beef sold at retail and suggests how beef can best be used by grade and cut. Various retail cuts are shown. (27 frames: Double, $4.)


MISCELLANEOUS


Commemorates 50 years of the Extension Service’s educational work with American agriculture (---- frames: Double, $2.10.)

Illustrates one of our Nation's great songs, which is often used by 4-H Clubs. (27 frames: $0.90.)

BIRDS--THEIR VALUE TO AGRICULTURE. No. 675. Released 1947.

Depicts life and habits of birds and their economic value due to their use of insects as food. Shows means and provision for protection and emergency feeding. (61 frames: Single, $0.95; double, $1.55.)

CIRCULAR LETTERS. No. 667. Released 1946.

Part of a teaching kit on circular letters for use by extension editors with audiences of extension workers. Designed as an introduction to a discussion, or workshop, on circular letters, to implant one practical idea—that circular letters, like personal letters and radio scripts, are more readable, more interesting, and more convincing if they are just plain talk. (53 frames: Double, $1.55.)


Produced exclusively for USDA personnel classification. (34 frames: Single, $3.)

COLONIAL HOME INDUSTRIES. No. 517. Released 1939.

Briefly traces development of the home textile industry and early home equipment to present-day handicrafts. Some patterns designed by homemakers through the years. (60 frames: $0.95.)


Deals with the use of fresh vegetables in the school lunch. Approved methods of cooking vegetables by boiling, steaming, and baking are shown. Prepared especially for training school lunch workers. (27 frames: Double, $4.)

CROP REPORTING IN THE UNITED STATES. No. 687. Released 1950.

Compilation based on farmer questionnaires on acreage, production, livestock, and other farm produce, and cost for supplies and labor. Reduction of risk for farmers in buying, selling, and handling farm produce. (34 frames: Single, $0.90; double, $1.20.)


See MARKETING, page 16 (41 frames: Single, $0.90; double, $1.30.)
DEFENSIVE DRIVING. No. 700. Released 1952.

The Soil Conservation Service deals directly with operators and owners of farms and ranches. Employees, therefore, have to drive automobiles on all kinds of roads and in all kinds of weather to do their jobs. Tells the story in pictures of problems that seem to cause the greatest difficulty. (65 frames: Double, $1.80.)


Deals with factors involved in the preparation of visual aids for use in presenting agricultural information through various visual media. (16 frames: Double, $4.00.)

FARM PHOTOGRAPHY. No. 677. Released 1947.

Based on an exhibit of photographs, "Tricks of the Trade." Illustrates ideas gathered during years of experience in photography. It can be adapted to general photographic work. (28 frames: Single, $0.90; double, $1.20.)


Prepared in celebration of the two hundredth anniversary of the birth of George Washington. Phases of his early life and his home surroundings as a country gentleman. (74 frames, $1.00.)

HISTORIC RURAL HOMES. No. 334. Released 1936.

Farm homes of interest because of their historic and architectural values and their association with leaders in American farming. (48 frames, $0.90.)

HOMEMAKING IN COLONIAL DAYS. No. 555. Released 1939.

Early American home furniture and utensils, with views of early interiors and of modern conveniences. (64 frames, $0.95.)


Describes research activities and experiments in home economics and nutrition being carried on at the U. S. Agricultural Research Center, Beltsville, Md., and the background and qualifications of those engaged in this research. (30 frames: Double, $4.00.)


The Bible contains many references to the land and to man's dependence upon it. Many of the verses are arranged to tell the story of man's stewardship of the soil. This film was prepared to meet the demand for material that can be used in church services. (99 frames: Single, $6.50.)
ON THE TRAIL OF GEORGE WASHINGTON. No. 299. Released 1932.

Prepared in celebration of the two hundredth anniversary of George Washington's birth. Made up of scenes associated with the life of Washington from the time of his birth through youth, Mount Vernon days, the war, and the early years of our democracy. (75 frames, $1.00.)


Explains the food management practices used by a school lunch manager and her assistants in preparing school lunches for 150 children. Prepared especially for use by school lunch personnel. (28 frames: Double, $4.00.)

PRODUCTION OF MAPLE SYRUP, THE. No. 682. Released 1948.

Shows the value of maple-syrup production in the United States, and something of the process used. (59 frames: Single, $0.95; double, $1.55.)

RURAL COLONIAL AND EARLY AMERICAN HOMES AND GARDENS. No. 331. Released 1936.

Exteriors and interiors of a variety of American homes of interest because of their historic and architectural values. (63 frames, $0.95.)


Jefferson was the first to become interested in many phases of the work now pursued by the United States Department of Agriculture and the land-grant colleges. His enunciation of the principles of the importance of agriculture to the Nation's economy; his deep love of farming; his never-ending search for improved methods, labor-saving implements and machines, and better crops and livestock; his views on agricultural education, experimentation, and cooperative action. (63 frames: Single, $0.95; double, $1.55.)

PLANT DISEASES


Photomicrographs, tables, charts, photographs, readers show causes and effects of the diseases and how they may be controlled. (53 frames, $0.95.)


Depicts some of the common diseases of vegetables, pointing out symptoms and showing effects of the diseases on vegetables and plants. (103 frames: Double, $7.25.)


Illustrates some of the common diseases of cereals, depicting the symptoms and effects of the diseases on plants. (81 frames: Double, $6.25.)


Depicts some of the common diseases of fruits, showing injury to fruits and plants. (53 frames: Double, $5.)

NATURE OF PLANT DISEASES, THE. No. 165. Revised 1939.

Structure and development of fungi show how fungi cause diseases of various parts of cultivated plants and how they can be controlled. (47 frames, $0.90.)


SAFETY


Designed to prevent accidents in the farm home and on the farm. Can be used in any of three ways: (1) As a regular film strip, (2) as a discussion guide, (3) as a safety quiz. (28 frames, $0.90.)

SOIL CONSERVATION

General

DEFENSIVE DRIVING. No. 700. Released 1952.

See MISCELLANEOUS, page 20 (65 frames: Double, $1.80.)

ESTABLISHMENT AND MAINTENANCE OF GRASSED WATERWAYS. No. 559. Released 1939.

Gullies cause destruction. Slope and seed them to serve as waterways. (29 frames, $0.90.)


The farm woods are as much a crop-producing unit as any other part of the farm, and with proper care and management yield high-quality products for home use and for sale. (48 frames: Single, $0.90; double, $1.30.)

FARM TO FIT YOUR LAND. No. 676. Released 1947.

See FARMING, General, page 5 (62 frames: Single, $0.95; double, $1.55.)

FIRST THINGS FIRST. No. 640. Released 1943. No notes.

Shows how the grassing of waterways controls erosion. Contouring holds runoff on land of gentle slope; grassed waterways direct it on greater slopes. (25 frames, $0.65.)

GREAT FLOOD, THE. No. 699. Released 1952.

This is a story, in pictures, about the big flood that ravaged most of Kansas and parts of neighboring States in July 1951. It is also a story about floods in general. Destructive floods of this type have been causing more and more damage with each passing decade. Some methods of flood control are depicted. (39 frames: Single, $0.90; double, $1.30.)


Shows a practical land classification that will indicate the best land use and treatment for the various areas of the farm. (45 frames: Double, $4.50.)

RAINDROPS AND EROSION. No. 672. Released 1947.

Shows results of research relating to damage caused by raindrops beating on soil. Illustrates raindrops as a primary cause of destruction of topsoil. Depicts many of the processes of raindrop action and discusses their effects in destroying soil fertility, causing flood runoff, and accelerating harmful silt accumulation in streams and reservoirs. (50 frames: Single, $0.90; double, $1.30.)
SOIL AND WATER CONSERVATION BY THE BEAVER. No. 502. Released 1938.

History, habits, and economic relations of the beaver, with particular reference to farm and forest lands. (48 frames, $0.90.)

SOIL CONSERVATION BENEFITS WILDLIFE. No. 558. Released 1939.

Nature reclaims areas saved by soil conservation and so provides cover for game, fish, wildlife. (31 frames, $0.90.)

SOIL CONSERVATION IS YOUR BUSINESS. No. 706. Released 1952.

Prepared primarily for showing to urban audiences. Should be of interest, however, to many farm groups. The first part of this film emphasizes our dependence on the soil, then depicts some of the consequences of soil impoverishment. Shows that soil destruction is not necessary and some conservation measures. (63 frames: Single, $0.95; double, $1.55.)

SOIL EROSION AND ITS CONTROL IN ORCHARDS. No. 611. Released 1941.

Runoff and wind ruin orchards by gully ing and by drifting soil. Control such erosion by proved practices and use of brush mulch. (38 frames: Single, $0.90; double, $1.30.)

SOIL EROSION IN THE UNITED STATES. No. 467. Released 1937.

Man-made erosion causes vast losses in land and crops and lowers living standards. (48 frames, $0.90.)

TREE PLANTING AND LAND USE. No. 620. Released 1941.

Mistakes in land use result in loss of yields and soil. But ruined land may still be made useful with plantings adapted to sites and proper care as they develop. (54 frames: Single, $0.95; double, $1.55.)

WILD FRUITS FOR SOIL CONSERVATION. No. 668. Released 1946.

Shows how some eroded and odd areas of wasteland can be used to produce edible fruits for human nutrition. In such areas family diet lacks the fruits needed for adequate nutrition. But in these areas native or adopted fruits could be produced on waste acreage and serve for both land protection and food. (36 frames: Single, $0.90; double, $1.30.)


Shows how farmers can increase and protect wildlife by improving their land pattern to provide travel lanes and grow suitable
Vegetation on wasteland, which when properly planted will provide shelter and food for wildlife. An abundance of songbirds, game, fur-bearing animals, and other types of wildlife makes farms more valuable and farm life more enjoyable. (58 frames: Single, $0.95; double, $1.55.)


Regional

CORN BELT FARMERS FIGHT EROSION. No. 572. Released 1939.

They do it by contour farming, terracing, rotation planting, diversion drainage, check dams. (43 frames, $0.90.)

FRONTIERS OF GRASS; A STORY OF THE WESTERN RANGE. No. 585. Released 1939.

Development and decline of the western range. The range-conservation program helps ranchers to restore and protect grazing and provide watering places. (64 frames, $0.95.)


See FARMING, page 6 (56 frames: Single, $0.95; double, $1.55.)

WILDLIFE MANAGEMENT THROUGH SOIL CONSERVATION IN THE NORTHEAST. No. 562. Released 1939.

Engineering practices and planting save land and make useless land a refuge and source of feed for wildlife. (50 frames, $0.90.)

WIND EROSION; ITS CONTROL ON THE SOUTHERN GREAT PLAINS. No. 456. Released 1937.

Erosion starts in a number of ways and leaves a varied and tragic trail. Prevent and control it by practices that save rainfall and soil. (45 frames, $0.90.)

WILDLIFE

SOIL AND WATER CONSERVATION BY THE BEAVER. No. 502. Released 1938.

See SOIL CONSERVATION, General, page 24 (48 frames, $0.90.)

SOIL CONSERVATION BENEFITS WILDLIFE. No. 558. Released 1939.

See SOIL CONSERVATION, General, page 24 (31 frames, $0.90.)


See SOIL CONSERVATION, General, page 24 (58 frames: Single, $0.95; double, $1.55.)

WILDLIFE MANAGEMENT THROUGH SOIL CONSERVATION IN THE NORTHEAST. No. 562. Released 1939.

See SOIL CONSERVATION, Regional, page 25 (50 frames, $0.90.)

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