



# Penobscot County Soil & Water Conservation District

## Video Library Catalog



**Serving The Land Owners Of Maine**

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## VIDEO LIBRARY CATALOG

### ALTERNATIVE CROPS (02)

#### ALTERNATIVE CROPS VIDEO CONFERENCE - Part I Tape #02-04 Time 1:30:00

This program presents an overview look at evaluating alternative enterprises, projecting costs and returns, obtaining capital, marketing strategies and a brief look at production considerations of selected alternatives such as fruits and vegetables, broiler production, hunting leases, agriculture and Christmas tree production. (Oklahoma State University, 1987)

#### ALTERNATIVE CROPS VIDEO CONFERENCE - Part II Tape #02-05 Time: 1:30:00

This show is an in-depth look at production concepts and marketing considerations of selected vegetable crops and small fruits, addresses agronomic and horticultural concerns. (Oklahoma State University, 1987)

#### FUR FARMING: AN OVERLOOKED OPPORTUNITY Tape #02-08 Time: 47:00

This program's purpose is to make people aware of the opportunities possible in the fur farming industry. The program's host starts with a summary of how fur farming was started and where the industry has gone from there. Also discussed throughout the program are color ranges of pelts, foreign trade, salability of the furs, and productivity rates. Both fox and mink are considered in discussions of nutritional requirements, space, resource, and equipment needs, and handling, breeding, and pelting practices. Informal questions are asked throughout the program. (North Dakota State University, 1987)

#### VIRGINIA GROWN - SHIITAKE MUSHROOMS - A CASE STUDY Tape # #02-12 Time: 25:10

This tape uses the Shiitake Mushroom Test Marketing Project as a model to describe how to successfully develop and market a new agricultural project, from production to retail. (Virginia Polytechnical Institute, 1987)

### BEEF (04)

#### BEEF REPRODUCTION (2 Parts) Tape #04-02 Time: 1:15:00

**Part I** - This video includes information on bull and heifer selection, functional anatomy of the bull and cow, microscopic views of the sperm and egg cells, and a summary. Quizzes and answers are also provided. This is a good tape on the fundamentals.

**Part II** - Video discusses estrus, the estrous cycle, natural mating, semen collection and processing, artificial insemination, pregnancy detection, and ovum development. Shows an actual reproductive tract in different stages of pregnancy. Also includes a summary and quizzes with answers. Again, a good tape on the basics. (Creative Educational Video, Inc.)

#### MANAGEMENT PRACTICES FOR BEEF CATTLE Tape #04-03 Time: 1:30:00

This two-part tape provides a good basic understanding of Beef

Management Practices. It covers Handling and Restraint Facilities, Identification Procedures, Dehorning, Injection Techniques, Handling Procedures, Surgical and Bloodless Castration, Identification and Control External and Internal Parasites, Artificial Insemination and Palpitation at various stages of pregnancy. (Creative Video Education)

#### IMPROVING REPRODUCTIVE EFFICIENCY IN CATTLE BREEDING Tape #04-06 Time 2:00:00

This satellite conference originates from Virginia. It addresses four areas in improving cattle reproduction. First, the program looks at beef cow reproductive performances. Body conditioning cow cycling, and reproductive management areas are described. The second part of the program addresses bull evaluation. It describes the reasons for checking a bull before introducing it to cows as well as initiating a breeding soundness exam. The third part of the program looks at controlled breeding seasons and how to increase percentage calf crop. And finally, the program looks at abortion prevention -- the causes of abortions and how to prevent them. (Virginia Polytechnic Institute)

#### CALVING TIME MANAGEMENT/CALVING EQUIPMENT Tape #04-14 Time 24:00

Planning ahead for calving time is the best way to ensure that things will run smoothly for you and your livestock. "Calving Time Management" examines various facilities used for calving and how to prepare for it. The second program, "Calving Equipment," housed on the same tape, discusses and demonstrates equipment used to help with the birth process. ISU beef specialist Daryl Strohbehn and veterinarian Bill Owen collaborated to produce these programs. (Iowa State University, 1980)

#### DETERMINING THE DEGREE OF FATNESS IN BEEF COWS Tape # 04-15 Time: 20:00

Extension specialists discuss condition scoring of cattle. The nine-step condition score system is examined and several cows are analyzed for their degree of fatness, heifer selection and ways to correct overweight and under weight conditions. (Iowa State University, 1980)

#### STRESS MANAGEMENT OF BEEF CALVES Tape #04-17 Time: 19:30

Describes the latest techniques to insure beef calf survival as demonstrated in the Idaho Total Beef program's 3-year project in southeastern Idaho. Features flow patterns, calf shelters, calving barns, colostrum and vaccination procedures. Produced in Idaho but applicable to Maine. (University of Idaho)

#### HANDLING CALVING DIFFICULTIES Tape #04-18 Time: 26:00

Calving difficulty in the beef business is a common occurrence that can substantially reduce profit. Therefore, an understanding of the calving process and the special skills related to dealing with that process can increase the number of calves sold in the fall and also improve the percent calf crop you'll have in the following years. (Montana State University, 1986)

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### GRADER FEEDER CATTLE

Tape #04-19

Time: 25:17

This excellent tape is in two parts. The first part discusses the basics of grading feeder cattle. It details the USDA grading system and characteristics for each grade. The second part is a practical exercise, which will help the viewer to gain some basic visual grading skills. (University of Kentucky, 1989)

### COW CONDITION SCORING

Tape #04-20

Time: 24:20

Condition scoring provides a practical management tool to monitor nutritional status and optimize reproductive performance in a cost-effective manner. This tape looks at maintaining proper nutritional levels to maintain high reproductive performance. Tape emphasizes feeding according to body condition requirements and demonstrates scoring guidelines. This tape does promote a feed additive product but is very useful. (Elanco Products Company, 1989)

### OSTERTAGIASIS

Tape #04-22

Time 25:00

This program was developed to help beef producers control the disease Ostertagiasis which is caused by an internal parasite. Identification and control of this disease are closely examined. (American Hoechst Corp., 1984)

### BEEF CATTLE FITTING AND GROOMING FOR SHOW

Tape #04-24

Time: 25:00

This tape shows a prominent fitter of show cattle who narrates sections on calf selection, feeding and complete grooming instructions -- a valuable tool for anyone who shows beef cattle.

### CATTLE HANDLING AND STORAGE

Tape #04-26

Time: 18:00

The area of livestock transportation is often neglected. An estimated \$22 million is lost annually in the beef industry because of bruises to the animals resulting from rough handling and poor facilities while in transit. This program shows the viewer what kind of problems occur because of poor transport management. (Livestock Conservation Institute, 1988)

### THE FEED YARD

Tape #04-28

Time: 36:19

Filmed at a Texas feedlot operation. Discusses feedlot layout, handling facilities, record keeping, feeds and feed additives, management practices with a strong emphasis on preventative medical care and medical response practices for livestock disease and injury and marketing considerations. (Creative Video Education, 1985)

## BEEKEEPING (06)

### AFRICANIZED BEES & BEE MITES (3 Parts)

Tape #06-03

Time: 1:02:58

**Part I** - Africanized Bee Alert (15:00) An update of the so-called "killer" bees travel northward from South America. Presents the latest research on the bees and

gives broad-based information on the dealing with the bees should they become residents of the United States. (USDA/ARS, 1985)

**Part II** - Varroa Jacobsonii - Biology, Research, Control (32:00) A look at the life cycle of this widespread mite plus chemical and cultural control methods.

**Part III** - Varroa Mite Detection (15:58) Shows several mite detection techniques for the beekeeper to use including an ethereal survey and apistan survey. (USDA-APHIS)

### HONEYBEES AND PESTICIDES: UNDERSTANDING THE ISSUES

Tape #06-05

Time 19:00

Discusses the importance of bees and how modern farm practices affect bees and honey production. Describes the conflict between beekeepers and agriculturists concerning pesticide use through interviews with beekeepers, Extension specialists and a canner. (University of Wisconsin, 1985)

### BEGINNING BEEKEEPING

Tape #06-08

Time 18:00

This tape covers the basics of beekeeping including hives and equipment, bee types and management and honey harvest. (University of Vermont, 1979)

## COMPOST (08)

### THE MAINE COMPOST CONFERENCE (3 Parts)

Tape #08-02

Time 1:45:00

The Maine Compost Conference, held in Rockport, Maine on March 10, 1989, resulted in the production of the following tape program. The information in this tape is very useful and applies to all composting activities and will provide a good understanding of the composting process as well as various technical, environmental and regulatory concerns.

**Part I** - The ABC's of Composting Science - An overview of the scientific basis for proper composting and an assessment of combustible materials. (Time 45:00)

**Part II** - Basic Compost Systems, Equipment and Costs - A sampling of equipment currently available for composting and a breakdown of the costs for several types of compost operations. (Time 45:00)

**Part III** - Environmental and Regulatory Issues - A review of current and proposed regulations in Maine plus a discussion of local issues that must be addressed by anyone intending to establish a compost operation. (Time & Tide RC&D, 1989)

## CROP PROTECTION (10)

### (Insects and Pests, Diseases and Weeds)

### INTEGRATED PEST MANAGEMENT - A CHANCE FOR THE FUTURE

Tape #10-01

Time 20:00

This program presents a good overview of current IPM research and farm practices which involves using reduced quantities of pesticides for pest control and the introduction of other pest con-

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trol techniques. IPM stresses the use of pesticides in controlled amounts at the right time and in the right place. (USDA-APHIS)

### WOOD ROTTS IN ORCHARD TREES

Tape #10-08

Time: 18:18

Explains the history, economic importance and symptomology of this disease as well as offering prevention and control recommendations. Though the videotaping took place in Idaho orchards, these or similar diseases are known to be present in all the major fruit growing regions of the world. (University of Idaho)

### MASTER GARDENER TRAINING - ENTOMOLOGY

Tape #10-14

Time: 2:00:00

Master Gardeners will learn to identify common insect pests of horticultural crops and methods of controlling them. (University of Nebraska - Lincoln, 1988)

### VEGETABLE PEST SCOUTING

Tape #10-16

Time 10:00

The best pesticide is the farmer's footprints. This old farm adage rings true for crop scouts. Crop scouting is the core of a pest management program because it provides information for critical management decisions. This tape demonstrates the fundamentals of vegetable pest scouting and provides step-by-step instruction. The descriptions, instructions and demonstrations are easy to understand for the farmer or crop scout trainee. (University of Michigan)

### INTEGRATED PEST MANAGEMENT FOR SWEET CORN IN MAINE

Tape #10-20

Time 22:52

This tape was produced by the University of Maine Cooperative Extension Service, Integrated Pest Management Program. It focuses on three principal parts: European Corn Borer, Corn Ear Worm and Fall Army Worm and discusses insect pest monitoring and alternative pest management practices. (University of Maine, 1988)

### APPLE PEST MANAGEMENT IN MAINE

Tape #10-24

Time: 1:04:59

This program was produced by the University of Maine Cooperative Extension Service, Integrated Pest Management Program. It is made up of two parts: Part I identifies and describes the life cycle of Maine's important apple pests. Part II discusses the methods used to monitor primary apple scab infection periods and the traps used to monitor pests in the orchard. (University of Maine, 1987)

### IDENTIFICATION AND CONTROL OF SELECTED POTATO DISEASES

Tape #10-30

Time: 1:20:00

This tape is made up of 10 short tapes which examine potato diseases which are common in Maine. The programs discuss history, symptoms and treatment for each disease. Potato Leaf Roll, Potato Virus Y, Rhizoctonia on Potatoes, Root Knot and Lesion Nematodes of Potatoes, Seed Piece Rot, White Mold on Potatoes, Black Leg of Potatoes, Dodder on Potatoes, Early blight and Vine Tubers on Potatoes and Early Dying of Potatoes. (University of

Idaho)

### IDENTIFICATION AND CONTROL OF SELECTED PEA AND BEAN DISEASES

Tape #10-33

Time: 20:00

This tape is made of three short tapes which examine bean and pea diseases which are common in Maine. The programs discuss the history, symptoms and treatment of each disease. Pythium Wilt of Beans, Sclerotinia White Mold of Peas and Fusarium Root Rot of Beans. (University of Idaho)

### MASTER GARDENER TRAINING - PLANT PATHOLOGY

Tape #10-38

Time: 1:30:00

After viewing an introductory segment covering the basic concepts in Plant Pathology and diagnosing 15 specimens, participants will learn more about the specific problems they saw and other common diseases of horticultural crops. (University of Nebraska-Lincoln, 1988)

### DISEASE OF CUCUMBERS AND MELONS

Tape #10-40

Time 17:53

Discusses spraying and dusting programs for cucumbers and melons. He goes into detail on the melon family, which includes watermelons, squashes and pumpkins. (University of Nebraska-Lincoln, 1978)

### WEED SEEDING IDENTIFICATION

Tape #10-45

Time 16:30

You have to know what a weed is before you can decide the best way to control it. This video shows how to identify fifteen grasses and twelve annual broadleaf weeds at the seedling stage, when they can be most effectively controlled mechanically or with post-emergence herbicide applications. Grasses covered include yellow nutsedge, quackgrass, barnyardgrass, orchardgrass, witchgrass, large crabgrass, smooth crabgrass, wirestem muhly, johnsongrass, wild proso millet, giant foxtail, green foxtail, yellow foxtail, field sandbur and fall panicum. Annual broadleaf weeds covered include lambsquarters, redroot pigweed, eastern black nightshade, jimsonweed, smartweed, common cocklebur, common ragweed, giant ragweed, velvetleaf, wild mustard and tall and ivyleaf morning glory. (University of Wisconsin, 1985)

### MAINE FORAGE CROP PRODUCTION AND UTILIZATION (12)

This seven part series discussing forage crop production and utilization was created for dairy, sheep and beef procedures in Maine. The presentations were developed and presented by Conservation Service and University of Maine personnel. The sessions were originally broadcast over the Maine Interactive Television Network and each presentation is approximately 75 minutes long.

Tape #12-01 Two Tapes

### DAIRY (13)

#### PROPER MILKING PROCEDURES

Tape #13-02

Time 26:00

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This excellent tape discusses proper milking practices and illustrates them in detail. Milking is the most important job on a Dairy farm. The pay-off on all other Dairy farm operations is affected by how well milking is performed to harvest the milk crop. Milking procedures that dairymen use every day should be based on sound principles to (1) produce high quality milk, (2) achieve high milk yield and (3) maintain good udder health. Alternatives for pre-milking teat preparation are reviewed and evaluated based on extensive recent research. (Cornell University, 1987)

### **EFFICIENT DAIRY MANAGEMENT - OVERVIEW**

Tape #13-05

Time: 45:00

Increased energy needs on Vermont farms versus increasing costs and decreasing supply. Utilization of no-till and minimal-till methods of planting, better use of manure, use of heat exchanges, recycling detergent and wash water, more insulation, and application of alternative sources of energy. This tape was produced in 1977 during the "energy crisis" so some of the economic statements aren't true today, but the practices described are still relevant. (University of Vermont, 1977)

### **IMPROVING MILK QUALITY: MANAGING YOUR ENVIRONMENT**

Tape #13-07

Time: 18:00

Explains how the Dairy environment can affect milk quality and suggests ways to improve environmental conditions on the farm, by using proper bedding, stall sizes, lighting, ventilation and manure disposal. Also addresses the importance of milk quality to the consumer and the Dairy producer. (University of Wisconsin, 1987)

### **HEAT DETECTION IN DAIRY COWS**

Tape #13-08

Time 12:10

Focuses on how to determine by visual observation when, and if, a cow is in heat. Provides basic information on the heat cycle, record keeping and physical and behavioral clues to determining when a cow is in heat. Provides tips on watching for cows in heat and some simple heat detection aids. (University of Idaho)

### **HOOF CARE IN DAIRY CATTLE**

Tape #13-12

Time: 40:00

Discusses factors that contribute to bovine foot problems. Demonstrates the procedure for examining a cow's foot and how to trim a rear hoof. Divided into three parts which may be used separately. 1. Causes and Prevention of Foot Problems (17:00), 2. Examining the Foot (7:00), 3. Hoof Trimming (16:00). (University of Wisconsin, 1984)

### **BARN VENTILATION**

Tape #13-15

Time 17:00

Presents the principles that should be used to properly ventilate animal housing. Includes air circulation patterns, in swine, poultry and Dairy housing. The information is applicable to retrofitting an older building or in new construction. (Cornell University, 1982)

### **HANDLING CALVING DIFFICULTIES**

Tape #04-18

Time: 26:00

Calving difficulty in the beef cattle business is a common occurrence that can substantially reduce profit. Therefore, an understanding of the calving process and the special skills related to dealing with that process can increase the number of calves sold in the fall and also improve the percent calf crop you'll have in the following years. (Montana State University, 1986)

## **FEEDS (16)**

### **SAMPLING FOR FORAGE TESTING AND USING MICROWAVES FOR MOISTURE DETERMINATION**

Tape #16-03

Time: 16:00

Discusses reasons for forage testing, equipment needed and correct method for obtaining samples. Second part shows how to determine moisture content of forage using kitchen items and microwave. (Purdue University, 1985)

### **SILAGE**

Tape #16-05

Time: 7:15

Explains the importance of stage of maturity, harvesting methods and proper storage of high-quality corn silage. (University of Idaho)

## **FORESTRY (20)**

### **YANKEE WOODLOT**

This series of 10 programs discusses and demonstrates the skills and knowledge required to safely and efficiently manage small woodlots. The programs draw upon the expertise of the Maine Cooperative Extension Service, Maine Forest Service, private consultants and woodlot owners. The series helps a woodlot owner set objectives for the woodlot, develop a management plan and conduct harvest and management activity. The ten programs have been condensed onto four tapes as discussed below.

### **WHERE IS YOUR WOODLOT AND WHAT'S ON IT? (3 Parts)**

Tape #20-10

Time: 1:27:00

**Part I** - Getting started (28:00) Discusses the value of the woodlot as a resource and the forces which determine its use.

**Part II** - Where It Is (28:00)

This program reviews the need for a correctly written deed and properly marked and maintained boundary lines. Includes a simulation of a timber trespass caused by the lack of regularly marked and maintained boundary lines.

**Part III** - What's On It (28:00)

Illustrates how to divide the woodlot into stands and classify them for easy reference. Shows how to use aerial photographs and other maps to create a timber stand map of the Yankee woodlot and how to use the map to establish objectives for the woodlot.

### **INVESTIGATING THE SOILS AND TIMBER STAND (2 Parts)**

Tape #20-11

Time 56:00

**Part I** - What's Under It? (28:00)

A soils scientist takes the viewer on a tour of the woodlot, dem-

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onstrating the techniques of making a soils test and inventory of each timber stand and describing how these results will influence management options.

### **Part II - Looking It Over (28:00)**

A consulting forester takes viewers on a tour of a woodlot, pointing out the characteristics that indicate the condition and overall health of the resource.

### **TIMBER STAND IMPROVEMENT AND HARVEST (2 Parts)**

Tape #20-12

Time 56:00

#### **Part I - Working With It (28:00)**

Introduces the landowner to the forest management practices of thinning, releasing, and pruning to improve the condition of a forest stand and the vigor of individual trees.

#### **Part II - Harvesting It (28:00)**

Provides the landowner with a review of chain saw safety and proper cutting techniques demonstrated by two instructors from the "Professional Wood Harvesting" program at the Washington County VTI. Includes a demonstration of new, small-scale harvesting apparatus under development by the College of Forest Resources at the University of Maine.

### **TIMBER MARKETING, MANAGEMENT PROBLEMS AND A LOOK AT THE FUTURE (3 Parts)**

Tape #20-13

Time: 1:24:00

#### **Part I - Income From It (28:00)**

Details the timber marketing process as viewed by an industrial forester, consulting forester, and Maine Forest Service forester.

#### **Part II - Special Uses (28:00)**

Discusses the problems and rewards faced by four owners who manage their forest lands for special uses.

#### **Part III - Looking Ahead (28:00)**

Looks towards the future and such issues as new technologies, new uses, changing government policies, and the economy. (University of Maine, 1986)

## **4-H (24)**

### **FEEDING, FITTING AND SHOWING 4-H DAIRY AND BEEF ANIMALS (3 Parts)**

Tape #24-03

Time: 48:11

**Part I** Feeding the 4-H Steer (14:10) Program discusses the kinds of feed your steer needs for its growth and health. Animal growth curves as related to nutrition are emphasized. This program is designed for the 11-13 year age group.

#### **Part II - Fitting and Grooming the 4-H Market Beef (28:21)**

Program demonstrates and discusses the basic procedures 4-H members need to know to properly clean, groom, and exhibit 4-H market beef animals. The demonstration is presented by a 4-H'er and stresses the importance of the basic techniques and the abilities of members to do their own work.

**Part III - Showing Your Dairy Project Animal (5:40).** . . This Program contains information on final preparation, entering the show ring, correct placement of the halter, posing and showing an animal, leading the animal, pulling into line and responding to requests from the judge and officials. (University of Nebraska-Lincoln, 1981 & 1988)

### **FITTING 4-H SWINE AND LAMBS (2 Parts)**

Tape #24-06

Time: 28:52

**Part I - Fitting and Showing 4-H Market-Swine (10:17)** Program demonstrates and discusses the basic procedures 4-H members need to know to properly clean, groom and exhibit 4-H market swine. The program emphasizes the importance of working and training animals at home as well as the basic grooming techniques.

#### **Part II - Fitting & Grooming 4-H Market Lambs (18:35)**

Program demonstrates and discusses the basic principles and techniques of cleaning, grooming and exhibiting 4-H market lambs. The demonstration emphasizes the need for working and training animals at home prior to exhibiting. (University of Nebraska - Lincoln, 1982)

### **4-H LIVESTOCK JUDGING (3 Parts)**

Tape #24-08

Time: 57:00

#### **Part I - 4-H Livestock Judging: Market Hogs (24:00)**

The program shows a class of four market hogs and analyzes characteristics that make each useful or profitable. Doug Parret, Extension animal scientist, ranks the class and discusses the reasons for his ranking. This program was taped at the University of Illinois Swine Farm.

#### **Part II - 4-H Livestock Judging: Market Lambs (18:00)**

This program shows a class of four market lambs and discusses characteristics that are important to judging. Doug Parret, Extension animal scientist, compares the lambs from a distance and then discusses specific qualities as he handles each lamb. Ranking is also discussed. This program was taped at the University of Illinois sheep farm.

#### **Part III.- 4-H Livestock Judging: Market Steers (15:00)**

Shows a class of four steers and discusses the characteristics that make the animals valuable for beef. Doug Parrot, Extension animal scientist, compares the steers and gives reasons for his ranking. This program was taped at the University of Illinois beef cattle farm. (University of Illinois, 1982)

## **FRUIT (25)**

### **1988 APPLE VARIETY TRIAL**

Tape #25-03

Time 60:00

This video tape shows 73 apple varieties both on and off the tree. Included are new varieties such as Royal Gala, Red Jonagold, Braeburn, Fuji, Liberty and many more. (Oregon State University, 1989)

### **LIGHT MANAGEMENT FOR QUALITY FRUIT**

Tape #25-05

Time: 34:00

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Discusses training and pruning practices with apple trees for commercial operations. Emphasis on pruning to permit high, light distribution throughout trees for increased productivity. (Ohio State University, 1988)

### **SPRAYERS FOR FRUIT CROPS**

Tape #25-07

Time: 18:05

This video discusses proper techniques for the spraying of fruit trees. Included is a method to determine application rates, calibration of sprayers, and how to test your system before applying chemicals. The viewer is shown how to adjust spray coverage, how to determine if they are getting adequate coverage and where to write for additional information. (Kansas State University, Cooperative Extension Service)

### **PRUNING SMALL FRUITS**

Tape #25-10

Time: 52:08

This informative video provides discussion of the life style of the highbush blueberry. From this discussion the viewer has a good working knowledge from which to practice the pruning techniques shown here. The video goes on to provide similar discussion for raspberries and grapes. (Michigan State University, 1986, Cooperative Extension Service)

### **PRUNING YOUNG DWARF FRUIT TREES**

Tape #25-12

This tape discusses the equipment and methods for practicing the long term pruning technique called the modified leader system. (University of Nebraska, Cooperative Extension Service, Lincoln)

### **PRUNING MATURE FRUIT TREES**

Tape #25-14

Time: 28:30

Part one of this two part video discusses pruning techniques for long neglected (probably over ten years) overgrown trees.

By lowering tree height, reducing shading of lower branches and of the inner tree, over a 3-5 year period, an overgrown tree can once again produce quality fruit.

Part Two provides basic knowledge of tools needed and step by step pruning instructions. Part Two, however, is also for trees less neglected than those in Part One (probably not pruned for 8-10 years). (Michigan State University, Cooperative Extension Service, 1987)

## **HORSES (26)**

### **FOALING MANAGEMENT AND THE BROOD MARE**

Tape #26-03

Time: 2:00:00

This tape of a 1987 Video Conference features presentations by Oklahoma State University specialists on nutrition, health and foaling management of the mare including care of the newborn foal. Viewers actually get to see a foaling. A long tape but well worth watching. A fact sheet which you may keep is included. (Oklahoma State University, 1987)

### **THE EVENTS OF FOALING**

Tape #26-08

Time: 17:25

This program covers the events of a normal foaling and problems that may occur during the foaling process. (Oklahoma State University, 1988)

### **THE BASICS FOUNDATION, ADVANCED TRAINING AND SHOWING THE REINING HORSE**

Tape #26-09

Time 1:22:00

This program is a live presentation given at the Oklahoma Equine Agriculture Symposium III. Bob Loomis, Bob Loomis Quarter horse, Inc. in Marietta, Oklahoma and six-time national reining champion, demonstrates training techniques important for reining horses. Stops, circles and spins are covered. (Oklahoma State University, 1988)

### **FEEDING MANAGEMENT FOR HORSES**

Tape #26-10

Time: 38:46

This tape covers nutrition and feeding needs for horses in different stages of production. In addition, you'll see the anatomy of the digestive system and hear a discussion of how horses digest different feeds. The tape outlines several important feeding management guidelines for safe feeding practices and recommendations for rations for different classes of horses are given along with procedures for balancing rations for proper nutrition. Fact sheets are included. (Oklahoma State University, 1989)

### **USE OF THE BOSAL - TRAINING THE YOUNG HORSE**

Tape #26-13

Time: 1:47:42

This tape is a record of a live presentation given at the Oklahoma Equine Agriculture Symposium III. Dick Peiper, professional trainer in Marietta, Oklahoma, demonstrates the use of the bosal for training horses. He covers benefits and training techniques for use of bosals. (Oklahoma State University, 1988)

## **IRRIGATION (27)**

### **IMPROVING YOUR IRRIGATION WITH GYPSUM BLOCKS**

Tape #27-04

Time: 30:00

How good a job are you doing with your water? This tape tells you how to find out by monitoring changes in the soil-moisture levels in crop-root zones using low cost electronic sensors called gypsum blocks. It contains step by step instructions for installation of gypsum blocks and interpreting meter readings to spot and correct irrigation problems and improve scheduling. This tape was produced for western growers. However, Maine producers should find it very useful as they look for ways to make their irrigation programs more efficient. (INFORM, 1989)

## **MANURE MANAGEMENT (29)**

### **MANURE SPREADER CALIBRATION (2 Parts)**

Time #29-03

Time: 20:38

**Part I** - Calibrating Manure Spreaders (12:30). This tape will take the farmer through all the calculations necessary to determine the proper application rate of manure to crop and hay land. It looks at nutrient value of manure nutrient needs of crops and how to figure appropriate spread rates. This tape makes the process pretty straight-forward. (University of Maryland)

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**Part II** - How to Calibrate a Manure Spreader (8:00). This tape is basically a duplicate of the above program, but less detailed. It does use a calculation sheet which will simplify some of the figuring. The sheet may be kept by the viewer. (Pennsylvania State University)

### MISCELLANEOUS (30).

#### SEEDS OF TOMORROW

Tape #30-02

Time 57:00

This program examines agriculture's genetic history and projects its future. The narrow-and vulnerable-genetic base of several important crops is explored, as well as current attempts to preserve the seeds of scarce plant varieties. The hope is that the preservation of millions of seeds in seed banks will preserve the genetic resources necessary for future generations of crops. (WGBH Educational Foundation, 1985)

### PASTURE MANAGEMENT (32)

#### IMPROVED PASTURE MANAGEMENT - CONTROLLED GRAZING AND BETTER FORAGE (2 Parts)

Tape : #32-03

Time: 45:00

**Part I** - Seven Months of Pasture - (11:00). This tape provides an overview of improved pasture usage through extended season pasture management practices. The three low-cost steps to achieve a productive extended season are (1) subdivide pasture to provide controlled grazing, (2) Introduce annual forages to fill the gaps in perennial forages and (3) grow improved species of perennials. This tape was produced in Nova Scotia and applies to Maine as well. (Nova Scotia Department of Agriculture and Marketing)

**Part II** - Voison Controlled Grazing Management: A Better Way to Farm (34:00) Bill Murphy of the University of Vermont is well known for his excellent work on rotational grazing in the Northeast. He introduces this tape which discusses the successes that some Vermont farmers have had using the Voison System. The significantly increased pasture which becomes available at little additional cost with this system is demonstrated. This tape does not provide "nuts and bolts" information but demonstrates the wide success of this system and should encourage more farmers to consider this practice for their own farms. (University of Vermont, 1989)

#### BETTER PASTURES

Tape #32-04

Time: 20:45

This video shows the techniques to set up, divide, and thrive with an intensive grazing system. Points covered were fencing, watering systems and cost advantages such as less machinery and less hay needed. At the end of the video questions are presented to help the watcher figure out how their area can be managed.

### PESTICIDES (34)

#### CALIBRATION OF CHEMICAL AND GRANULAR APPLICATIONS (2 Parts)

Tape #34-03

Time 28:08

**Part I** - (15:08) Accurate application of pesticides is important between money and crop production. This tape demonstrates how

to calibrate a chemical sprayer and granular applicator. The program takes the viewer through the math required to figure gallons per acre. (University of Nebraska - Lincoln, 1983)

**Part II** - (13:00) Demonstrates the pre-calibration and calibration of field sprayers with information about the cost and consequences of pesticide misapplication. (University of Wisconsin, 1987)

#### PESTICIDE APPLICATOR RECERTIFICATION TRAINING VIDEO

The following tapes have been collected in cooperation with the Maine Board of Pesticide Control. They may be used as part of the applicator recertification program or for assistance in improving your pesticide management practices. Please indicate, when you order, whether or not you are using the tapes for recertification so that you will receive a quiz.

The Board of Pesticides Control is pleased to offer video tapes for pesticide applicator training and recertification through the Penobscot County SWCD Video Library. The videos included in the library should help applicators stay up-to-date with the ever-changing pesticide application world. They may also be valuable to the person who is trying to become initially certified as a private or commercial pesticide applicator. The pesticide applicator recertification videos are available for personal viewing or for inclusion in a recertification training meeting. If you have a problem acquiring the required number of recertification credits, then you may be able to earn them by viewing approved tapes.

You can receive credit for personal viewing of a tape by successfully completing a quiz (score 80% or better) that covers the important areas of each video. The quiz will accompany the tape when you rent it. Once you complete the quiz you must submit it to the Board of Pesticides Control for evaluation. The Board will notify you in writing if you have earned credit. The Board's address is: BPC State House Station 28, Augusta, ME 04333.

Additionally the video tapes can be used to supplement training programs that are sponsored by commercial applicator firms or commodity groups. When the tapes are used during a recertification meeting, the Board requires that a qualified individual be present to answer any questions or discuss the major theme of the video. 1 hour of credit will be awarded for each 45 minutes of video tape viewed. You cannot receive credit for double viewing. You must wait a minimum of 1 year to receive credit for watching the same tape a second time.

#### REDUCING YOUR RISK OF EXPOSURE (2 Parts)

Tape #34-05

Time: 1:30:00

**Part I** - (45 Min) Protective Clothing and Equipment - An excellent guide for the farm manager or commercial operator who is responsible for protective equipment purchases. The tape covers everything from the basics (gloves, boots, coveralls, eye protection and respirators) to closed cable filtering systems. This portion of the video is good for 1 credit.

#### **Part II** - (45 Min) Pesticide Handling Technology

The most up to date information on mixing and loading systems that reduce applicator exposure. Recommended for anyone who handles large volumes of pesticide concentrates. This portion of

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the tape is also good for 1 credit. (Virginia Cooperative Extension Service, 1988)

### **PESTICIDE STORAGE TECHNOLOGY (2 Parts)**

Tape #34-07

Time 1:30:00

**Part I-** (45 Min) Basics of Storage and examples of Storage Areas Being Used in the Field. This tape should be viewed by anyone storing pesticides. It covers the Federal Laws and Regulations. EPA Recommendations Minimum Standards, and shows the field tours of storage areas at a farm, nursery, pest control firm, and golf course. This portion of the video is good for 1 credit.

**Part II -** (45 Min) Building a Storage Area. If you plan to build a new storage area or update your existing one, this film leads you through the planning phase to the actual construction. It gives you information on materials and approximate costs, plus it weighs building a new storage area against conversion of your existing building. Good for 1 credit. (Virginia Cooperative Extension Service, 1988)

### **FARM CHEMICAL SAFETY (4 Parts)**

Tape #34-09

Time: 59:20

**Part I-** Farm Chemical Certification. It's a Matter of Pride Be Certified. (5:20) A good tape to introduce you to the reasons for the laws and regulations behind certification and licensing of pesticides applicators. This video is combined with the three following videos for 1 credit. (National Agricultural Chemical Association)

**Part II-** Farm Chemical Safety is in Your Hands. (22 Min) A very good review for all pesticides applicators. This tape covers the basics of protective clothing and equipment and the reasons for equipment the label recommends when handling any pesticide. (National Agricultural Chemical Association)

**Part III -** Be prepared Just In Case. A Guide to Pesticide Transportation. (12 Min). This tape reminds the pesticide transporter of the do's and don'ts. Although it is a bit overdone, the message is a very important one. (Southern States Video, USDA Office of Transportation)

**Part IV-** The material Safety Data Sheet. (20 Min) This tape is useful to the employers that must train their employees on the hazards of the materials they could be exposed to. It could be incorporated into your Hazard Communication Program for compliance with OSHA's Hazard Communication Standard. (Creative Media Development Inc.)

### **PESTICIDE SAFETY FOR FARM WORKERS AND NON-CERTIFIED USERS (2 Parts)**

Tape #34-11

Time: 60:00

**Part I-** Farm worker Pesticide Safety Program. A video which is useful in training harvesting workers. It would help fulfill the OSHA hazard communication training requirements. Combined with the next tape it is available for 1 recertification credit. The tape covers label comprehension and general pesticide safety including personal protective equipment. A Spanish version is also included on the tape. (EPA IFAS)

**Part II-** Pesticide Safety for Non-certified Mixers, Loaders, and Applicators (30 Min). If you have non-certified workers that handle pesticides you should use this tape as part of their initial training. It includes information on labels, formulations, proper mixing and loading and personal protective equipment. It also has a Spanish version included on the tape. (EPA IFAS)

### **LAWN WEED, DISEASE AND INSECT IDENTIFICATION AND CONTROL (3 Parts)**

Tape #34-13

Time: 60:00

**Part I-** Lawn Weed Identification and Control (26 Min). This tape was done in association with Dow Chemical Company. It is a valuable introduction into weed identification. It would be useful for incorporation into an initial training session for lawn care operators. Proper application techniques and chemical recommendations are also covered. Combined with the insects and turf disease videos it is good for 1 credit. (Professional Lawn Care Association of America)

**Part II-** Turf Disease Identification and Control (17 Min) This is a more advanced tape which touches on all of the turf disease problems common in Maine. The major symptoms are described and the unique characteristics are highlighted. Combined with a good field guide this tape will improve the lawn care specialist's ability to properly diagnose lawn problems. (Professional Lawn Care Association of America.)

**Part III-** Insects of Northern Turf Grasses (17 Min). This tape provides an overview of the differences between surface and sub-surface feeding insects. Proper control strategies and the life cycles of the most common pests are covered. This is another video which is an excellent introduction for new lawn care personnel. (Professional Lawn Care Association of America)

### **MAINE CHEMICAL I.D. LAW**

Tape #34-15

Time: 1:30:00

If you weren't aware of the Maine Chemical I.D. Law or the OSHA Hazard Communication Standard, you will be after viewing this tape. Lance Guerney from the Maine Bureau of Labor Standards, Division of Industrial Safety discusses both laws and how they apply to agricultural and commercial pesticide applicators. Showing the tape to your employees will help satisfy a portion of the training requirements mandated by the laws. This video qualifies for 2 credits.

### **PESTICIDE SPILL PREVENTION & CLEANUP (60 Min)**

Tape #34-17

Time: 60:00

Any pesticide applicator that transports large amounts of pesticide formulations on public roads or uses materials near sensitive areas may benefit from this tape. The presentation covers proper material loading & transport and the importance of regular checks for vehicle and equipment problems. Proper pesticide spill cleanup procedures are also covered. This video is approved for 1 credit.

### **WORKING WITH PESTICIDES - A VIDEO TAPE SAFETY COURSE (4 Parts)**

Tape #34-19

Time: 60:00

**Part I -** Safe Storage & Disposal Methods (15 Min). This video

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series is tailored for greenhouse, arborist, and turf applicators. Part one covers the basics of storage and the need to separate materials according to their toxicity category and potential for volatilization. Proper disposal methods for containers, rinsates, unused pesticides and other wastes is also discussed. All four parts combined are approved for 1 credit. (Idea Bank Videos)

**Part II** - Infield Clothing, Equipment & Environmental Safety (15 Min). Part II will show the applicator how to reduce his/her total pesticide exposure and reinforce the importance of minimizing non-target organism exposure from direct spray, drift or premature re-entry.

**Part III** - Calibrating, Mixing & Applying Pesticides (15 Min). Part three explains how every component of the spray system plays an important role when it comes to calibration and proper application rates. Mixing procedures for varying formulation types are also covered.

**Part IV** - Sprayer Operation & Maintenance Guidelines (15 Min). Part four shows the applicator how important equipment maintenance is and how to troubleshoot operational problems. It also gives good tips on cleaners, parts and tools that could help you do a better maintenance job.

### **GREENHOUSE PESTICIDE SAFETY (2 Parts)**

Tape #34-21

Time: 40:00

**Part I** - Pesticide Safety in the Greenhouse (20 Min.). This video was produced to help greenhouse growers meet their right-to-know training requirements for employees that work in their greenhouses. It covers clothing do's and don'ts; what to look for on the label; pesticide container storage and disposal; and how to be prepared for pesticide accidents. (Idea Bank Videos)

**Part II** - The Material Safety Data Sheet (20 Min). This tape is useful to employers that must train their employees on the hazards of the materials they could be exposed to. It could be incorporated into your Hazard Communication Program for compliance with OSHA's Hazard Communication Standard. It will supplement the Pesticide Safety in the Greenhouse tape. Combined with that tape, it is approved for 1 credit. (Creative Media Development, Inc.)

### **GROUND WATER CONTAMINATION AND SAFE CHEMICAL USE (2 Parts)**

Tape #34-23

Time: 40:00

**Part I** - Safe Chemical Handling (25 Min). This video tape is a great review of most of the material that is found in the Pesticide Education (Core) Manual. Understanding pesticide labels, relative toxicity of pesticides, material safety data sheets, worker right-to-know, protective equipment and pesticide law are a few of the topics that are discussed. This tape, combined with the Ground Water Tape, is approved for 1 credit.

**Part II** - Ground Water Contamination (15 Min). This video tape explains how ground water contamination occurs and how we, as members of the agricultural community, can help prevent it. Subjects covered include: solubility, absorption, persistence, soil factors, geological factors and other factors that have an effect on potential contamination of ground water. (D.E.T.A.I.L. Videos,

Monsanto)

## **POTATOES (36)**

### **POTATO BRUISE PREVENTION (2 Parts)**

Tape #36-04

Time: 51:00

**Part I** - The Harvester (24:00) This tape shows in detail how the potato is dug up by the harvester, travels along the primary chain, drops to the secondary, moves to the rear cross and up the side elevator, across the roller and picking tables, up the boom and into the truck. The program uses real harvesters in operation to show the many bruise points along this route on badly maintained harvesters and devices and practices used on good harvesters to minimize this bruising. (University of Idaho, 1985)

**Part II** - Harvester Chain Adjustment (27:30) Discusses how potato harvester operators can increase their harvesting efficiency and decrease bruising by changing sprockets to produce specific chain speeds and synchronizing chains to specific ratios. (University of Idaho and Washington State University, 1985)

## **POULTRY (38)**

### **RAISING BABY CHICKS**

Tape #38-03

Time: 18:00

This tape discusses proper housing and feeding practices and disease control methods. (University of Vermont, 1987)

## **SAFETY (43)**

The following tape contains two programs which discuss the OSHA and Statute of Maine training and communication requirements for employees who handle hazardous chemicals.

### **HANDLING HAZARDOUS MATERIALS (2 Parts)**

Tape #43-07

Time: 1:05:00

**Part I** - Hazard Communication on the Farm (45:00). This tape will help farmers and other employers to meet the requirements of the OSHA Hazard Communication Standard which requires that all employers conduct training programs that instruct employees about chemical and/or substance hazards and how to protect against improper and possibly dangerous exposure. (New York Statue Rural Health and Safety Council)

**Part II** - Hazardous Materials: Your Right to Know (20:00). An employee's rights under the Maine Chemical Substance identification Law and the dangers of improperly handling hazardous materials are discussed in this tape. Under the Maine law employees must be told of the health hazards or problems caused by toxic hazardous chemicals and how to work safely with these chemicals. This tape also discusses the information provided by manufacturers about the hazards of their products including Material Safety Data Sheets. (Maine Public Broadcasting Network, 1988)

## **SHEEP (45)**

Most of the following tapes were developed by the National Sheep Improvement Program. Produced in the Midwest - most of the information is equally useful to Maine sheep producers.

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### **CROSSBREEDING , RAM AND EWE MANAGEMENT (3 Parts)**

Tape #45-05

Time: 1:00:00

**Part I** - Polypay Cross Breeding (19:00). Presents methodology involved with administering a cross-breeding and selection program geared toward accelerated lambing.

**Part II** - Ram Management (17:44). Presents the fundamental steps in evaluating rams for breeding soundness: explains the value of a ram test station.

**Part III**- Maximizing Ewe Production (24:00). Demonstrates the basics of a production system geared to maximizing ewe production. (Sheep Industry Development, Inc.,1977)

### **SHEEP HANDLING AND FACILITIES (4 Parts)**

Tape #45-12

Time: 1:16:00

**Part I**- Buildings and Equipment for Sheep (22:00). Presents the fundamental principals of housing and feeding sheep and the implements needed to maximize production capabilities.

**Part II**- Planning a Working Facility for Sheep (16:00). Presents the layout, construction and purpose of facilities for efficient sheep handling including fencing, pens, foot baths, catching pens, scales and loading chutes.

**Part III** - Sheep Management Center (20:00) Describes components and fundamentals of a well organized management facility or work center. (Sheep Industry Development, Inc. 1977)

**Part IV** - Sheep Handling Using Equipment and Sheep Psychology (18:00) A sheep producer tells about and shows his system of handling a large herd of sheep with minimum effort. He explains how sheep psychology and some simple panels can make sheep handling much easier than older, traditional methods. Recommended to those interested in starting or expanding their sheep operation. (Iowa State University, 1979)

### **PRODUCTION RECORDS & FLOCK PROFITS (2 Parts)**

Tape #45-14

Time: 46:00

**Part I**- Production Records for the Farm Flock (16:00) Presents methods for compiling, organizing and utilizing sheep production records and their importance in making management decisions related to birth weights and number of lambs born, predicting lamb periods, recording vaccinations, days on feed, weaning weights, worming and other data.

**Part II**- Profit in a Farm Flock (30:00).(Sheep Industry Development, Inc. 1977)

### **JUDGING MARKET LAMBS**

Tape #45-16

Time: 24:31

This tape will help young people learn what to look for when judging market lambs and how to analyze differences between animals. Part 1 uses pairs and trios of example lambs to show how to evaluate three major traits. Part 2 shows a class of lambs for students to practice judging. Accompanying fact sheets may be kept. (Oklahoma State University, 1988)

### **HARVESTING YOUR WOOL CROP.- SHEARING.& SHEARING EQUIPMENT (3 Parts)**

Tape #45-17

Time: 1:12:00

**Part I**- Harvesting Your Wool Crop (27:00) This program presents the management procedures involved at shearing time and the factors which determine the value of wool. (Sheep Industry Development, Inc., 1977)

**Part II** - Sheep Shearing Techniques (25:00) This tape shows Charles Swain, 4-time National Shearing Champion as he demonstrates the Australian Long Blow Method and includes sections on fleece handling, market lambs and tips for young shearers - a good tape.

**Part III** - Shearing Equipment - Care and Maintenance (20:00) This tape goes into great detail about farm flock and professional shearing equipment. From blade sharpening to tension adjustment, this tape is a must for any shearing operation.

## **SOIL CONSERVATION AND MANAGEMENT (47)**

### **CONSERVATION TILLAGE**

Tape #47-02

Time: 25:00

In this program conservation tillage is looked at from a standpoint of increasing your farm's profitability, the soil physical and nutrient changes conservation tillage may cause, and the changes you will have to make. Sources and ways for application, plus how your use of chemicals will change is also covered and gives suggestions on how you can manage those changes. (Farmland Industries)

The following tape series is the result of a Soil Management Seminary given in Bangor, Maine, in July, 1989. The speaker is Donald L. Schriefer, a nationally recognized agronomist and soil management consultant, who has spoken in Maine on several occasions and consulted with a number of producers. (Availability - February, 1990)

### **MANAGEMENT PHILOSOPHY AND SOIL BASICS (2 Parts)**

Tape #47-04

Time: 1:06:00

**Part I** - Developing a Basic Soil and Crop Management Philosophy (21:00) This segment is about each farmer developing his own philosophy about how he will manage his farmland. The tape emphasizes an awareness that all farming activity is in one way or another determined to the soil and environment and that the farmers choices can effect the import of his activity. Don discusses working with a plant-soil system, determining a "production road map" to reduce yeild-limiting factors.

**Part II** - The Soil Basics or Essential Areas of Management (45:00). This program discusses in detail the four basic areas of managements which are soil air, soil water, residue management and soil fertility and looks at ways in which good management brings about optimal levels of each. (Donald L. Schriefer, 1990)

### **MANAGING SOIL WATER AND CROP RESIDUE**

Tape #47-05

Time: 55:00

This unit covers total water management with an emphasis upon the concept of "weatherproofing" crops and soils. We also cover in-depth the newest concepts in the design and correct use of sub-

soilers. (Donald L. Schriefer, 1990)

**PRACTICAL SOIL CHEMISTRY**

Tape #47-07 Time: 45:00

This unit will discuss the important aspects of the soil analysis. Your farmers will thoroughly understand CEC, PPM, Base Saturation and, most important, the need for complete data. This unit relates in depth soil aeration and water management to nutrient availability and its recovery. We stress the importance of judging a soil's fertility by how well our crops respond to it. We stress use of both soil and tissue analysis in overall fertility management. This unit sets the stage for understanding of nitrogen and limestone chemistry. (Donald L. Schriefer, 1990)

**CONSERVATION ON YOUR OWN**

Tape #47-12 Time: 55:00

This eight-part tape was developed by SCS to assist farmers implement conservation practices. The subjects covered include (1) how to measure and manage crop residues (2) laying out contour lines and using field borders, (3) laying out contour buffer strips, (4) contour strip cropping (5) laying out wind strips, (6) controlling small gullies with grass, (7) planting and maintaining a field windbreak and keeping terraces functional. (USDA, SCS)

**PROTECTING WATER QUALITY**

Tape #47-14 Time: 20:00

This video discusses best management practices for the protection of ground water. Particular attention is given to proper pesticide application and handling techniques and how they affect water quality. Although the chemical atrazine is mainly discussed here, and there are frequent references to Wisconsin law, the practices discussed here make good sense and are applicable everywhere. (Ciba-Geigy Agriculture Division, 1989)

**WATER QUALITY INDICATORS GUIDE SURFACE WATERS**

Tape #47-16 Time: Approx. 2 hrs.

This videotape of a 1990 SCS satellite broadcast video conference explains how to use the U.S.D.A.-SCS publication; SCS-TP-161, titled Water Quality Indicators Guide: Surface Waters.

Using ecological and environmental indicators as explained in Indicators Guide will allow SCS personnel and other professionals not trained in making water quality assessments, to examine cause and effect relationships in water quality. The guide then points out appropriate solutions to identified water quality problems.

The tape also discusses the use of the Water Quality Guide in teaching situations and the use of satellite video programs for the training of SCS field employees.

**EROSION CONTROL FOR WATER QUALITY PROTECTION**

Tape #47-18 Time: 25:00

This video includes information on the importance of careful site planning and taking preventive measures to reduce erosion potential and minimize problems.

**SWINE (49)**

**SWINE REPRODUCTION, BREEDING AND FARROWING**

Tape #49-04 Time: 1:00:00

This two-part program presents a good understanding of the fundamentals of swine reproduction, breeding and farrowing. Some of the topics discussed are genetics, reproduction systems and cycles, boar selection, semen collection, AI and embryo development. (Creative Video Education)

**COLLECTING AND EXTENDING BOAR SEMEN**

Tape #49-07 Time: 25:00

This tape does an excellent job of discussing in great detail how to collect boar semen and then extend it for AI uses. Though the production quality is poor, the information is very useful and comprehensive. (University of Connecticut)

**SWINE MANAGEMENT (2 Parts)**

Tape #49-12 Time: 40:53

**Part I** - The Breeding Herd (21:45) Concentrates on how to manage sows effectively for maximum herd reproduction and quality offspring.

**Part II**- Managing Your Boars (19:08) Focuses on how to choose top quality boars for your herd and how to manage them effectively for overall improvement of your breeding herd. (University of Idaho)

**SWINE MANAGEMENT PRACTICES**

Tape #49-13 Time: 1:20:00

This is a good 2 part tape which deals with the basics to swine production. The subjects it covers include: Characteristics of swine, site selection, housing and facilities, management of late gestation sows, farrowing, navel cord care, clipping needle teeth, iron injections, tail docking, ear notching, castration, weaning, nursery maintenance, paint branding and finish feeding management. (Creative Video Education)

**BABY PIGS MANAGEMENT TECHNIQUES**

Tape #49-18 Time: 21:00

Demonstrates the procedures necessary during the first 24 hours of a baby pig's life. Covers farrowing house environment, farrowing, and postpartum care including: nursing, navel cord care, injections, castrations, teeth clipping, tail docking and ear notching. Discusses the importance of keeping records and tips on weaning. (Purdue University, 1981)

**LOW INVESTMENT ALTERNATIVES FOR SWINE PRODUCTION**

Tape #49-20 Time 30:00

Describes a low capital investment swine operation that allows the producer to grow with the system. Discusses the plan, land selection, utilities, feeder placement, fences, shelters and farrowing houses. (Purdue University, 1981)

**SWINE FACILITIES (3 Parts)**

Tape #49-22 Time: 1:13:00

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These tapes were made in Nebraska but are equally useful in Maine.

**Part I** - Swine Breeding and Gestation Facilities --Modified Open Front (28:50) Program shows two Nebraska swine facilities that use the modified open front. One facility has a monoslope roof and the other has a gable roof. Producers discussed construction and design details, ventilation, heating and cooling methods used, management procedures and cost of construction.

**Part II** - Swine Breeding and Gestation Facilities -- Outside Confinement (23:00) Two Nebraska swine facilities are shown in this program. The first one shows an open shed with concrete lots for both breeding and gestation. The second farm uses dirt lots for gestation but hand-mates with boars housed in an open front building. Producers discuss construction and design details, cooling methods used, and management practices employed.

**Part III** - Swine Farrowing Facilities in Nebraska (21:20) Farm visits to four farrowing facilities in South Central and Northeast Nebraska. Facilities visited include fully slatted (woven wire) flush gutter with front creep, partially slats (plastic) and partially slatted (fiberglass and woven wire) crates over narrow hand scraped gutters. Producers discuss costs of construction, ventilation and management of the facilities. Primarily intended to answer question of producers considering new or remodeling construction. (University of Nebraska-Lincoln, 1982-84)

### SWINE

Tape #49-24

Time: 18:20

The three parts to this tape all describe a different aspect of crossbreeding swine.

- **Part I**- An Introduction to Crossbreeding.
- **Part II**- Selecting Breeds for Crossbreeding
- **Part III**- Selecting a Crossbreeding System

### WILDLIFE (63)

The following two tapes are made up of a four part series produced by Kansas State University. Though produced in the Midwest most of the concepts and many of the suggested wildlife programs would be useable in Maine. These tapes would be very helpful to anyone thinking of ways to increase wildlife activity on their land.

### AGRICULTURE AND WILDLIFE - Part I

Tape #63-03

Time: 1:53:09

This tape contains the following programs: The Conservation Reserve Program: Principles of Wildlife Management; Field Borders and Odd Areas; Winter Food Plots; Grazing Management - a New Look at an Old Idea; Stock Ponds and Waterfowl; Saving Soil Moisture and Creating Nesting Habitat; Stream side Woodlands; Wetlands Restoration for the good of Agriculture and Wildlife. (Kansas State University, 1989)

### AGRICULTURE AND WILDLIFE - Part II

Tape #63-04

Time: 1:20:49

This tape contains the following programs: Supplementing Farm and Ranch With Wildlife and an Overview of Agriculture and Wildlife. This part of the program addresses:

- The importance of private land to wildlife resources.
- Ways to manage land in order to increase wildlife.
- Benefits of the Conservation Reserve Program to wildlife.

Farmers and ranchers join wildlife experts in discussing numerous practices which benefit both wildlife and agriculture. Beautiful scenes of wildlife found throughout the Great Plains area show waterfowl, wild turkeys, pheasant, quail, grouse, songbirds, deer, rabbits and other species. (Kansas State University, 1989)

## WETLANDS AND PONDS (65)

### TRANSPORTATION AND WETLANDS PROTECTION

Tape #65-01

Time: 15:00

A definition of the different types of "wetlands" and their importance. Agencies and laws to protect existing wetlands are also covered. The proper methods for construction and managing wetland areas is discussed at the end.

### AMERICA'S WETLANDS

Tape #65-02

Time: 26:50

An overview on wetlands and marshes and their importance to wildlife and humans. This touches on the educational aspects and edible products that can be obtained from such areas. (U.S. Dept. of the Int. Fish and Wildlife Service)

### EARTH PONDS

Tape #65-03

Time: 48:00

An in depth look at the benefits of man-made ponds to wildlife, fish, plants, and livestock. Personal gains are also presented such as irrigation sources, fire protection reservoirs and fishing ponds. Construction tips are also included in the latter part of the video. (Tim Matson, 1991)

**VIDEO LIBRARY CATALOG**



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 28 Gilman Plaza, Suite #2  
 Bangor, ME 04401  
 (207) 990-3676 fax (207) 942-1782

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