

# Conservation Video Library 2005-2006



**Association of  
Texas Soil & Water  
Conservation Districts**



Association of Texas Soil & Water Conservation  
Districts  
Public Information/Education Committee  
**Video Library Usage Policy**

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No rental fees will be assessed to soil and water conservation districts or schools wishing to borrow videos from the library. SWCDs or schools borrowing videos have a two week period of use. Borrowed videos must be returned to the library upon date specified by the librarian. The Public Information/ Education Committee will pay first transit postage costs to mail the video(s) to the SWCD or schools requesting the video(s). Postage to return the video(s) to the library will be at the expense of the borrowing SWCD or schools. All videos must be insured upon return.



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conservation issues...



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Artwork on cover provided by:

Tanya Amy Bott ~ Kennedy Powell Elementary School  
Temple, Texas

**(1) TEAMWORK IN AGRICULTURE . . . A TEXAS SUCCESS STORY**

(Texas Farm Bureau)

Length: 8:30 minutes Release Date: 1992

*Appropriate for All Ages*

A video program hosted by Nolan Ryan that chronicles the miracle of food and fiber production in our state. The program is well suited to both rural and urban audiences, especially community and service clubs.

**(2) PROTECTING OUR TEXAS BAYS & ESTUARIES**

(Texas Water Development Board and the Texas Parks & Wildlife Department)

Length: 10-12 minutes

Release Date: 1989

*Appropriate for High School Biology/Science*



The joint efforts of the Texas Water Development Board, the Texas Water Commission (Texas Natural Resources Conservation Commission), and the Texas Parks and Wildlife Department to protect and preserve the state's bays and estuaries are described (1989).

**(3) EDWARDS AQUIFER - A TEXAS TREASURE**

(Edwards Underground Water Districts)

Length: 30 minutes Release Date: 1989

*Appropriate for Junior High – Adult*

Defines what an aquifer is. Dramatic introduction catches attention and following documentary explains how an aquifer works. Discusses how water flow is measured in and out of an aquifer and how we help to recharge it.

**(4) I NEED THE EARTH AND THE EARTH NEEDS ME**

(General Motors Corp.)

Length: 18 minutes Release Date: 1990

*Appropriate for Elementary*

Video is designed to instill a sense of intimacy between the viewer and the earth and to stimulate interest in learning more about the environment. It is divided into five sections: introduction, air, water, soil and conclusion.



**(5) SOIL CONSERVATION**

(CEV)

Length: 21 minutes

*Appropriate for Jr. High - Adult*

Examines soil erosion, its impacts on our economy and causes and prevention. Teaches soil conservation techniques.

**(6) BRUSH - A LAND OF POTENTIAL**

(Association of Texas Soil & Water Conservation Districts)

Length: 30 minutes Release Date: 1993

*Appropriate for High School - Adult*

This video examines the reasons behind the colonization and infestation of brush in various areas of the state.



**(7) AMERICA'S SOIL: THE ERODING FOUNDATION**

(Walter J. Klein Co., Ltd.)

Length: 30 minutes Release Date: 1984

*Appropriate for Ages 6 - Adult*

The dust bowl disaster of the 1930s may pale in comparison to what America faces now. Our entire food production is threatened by billions of tons of topsoil washing away each year. Hollywood's Eddie Albert stars in the first motion picture ever to face this national challenge. He takes viewers on an unforgettable trip across a nation washing into the sea.

**(8) WATER: A TREASURE IN TROUBLE**

(Pyramid)

Length: 14 minutes

*Appropriate for Junior High*



This film shows why water is one of our greatest treasures, how pollution threatens our water supply, and what we can do to safeguard our sources of pure water.

**(9) HAROLD AND HIS AMAZING GREEN PLANTS**

(Coronet)

Length: 8 minutes

*Appropriate for Elementary School*

This basic botany lesson for the youngest audience follows the life cycle of a green plant from seed to maturity, showing the necessity of water, soil, sunshine, and air for growth. A clever, animated film for youngsters.

### **(10) SOIL: FROM THE BEGINNING**

(Altschul Group)

Length: 11 minutes Release Date: 1989

*Appropriate for Junior High – High School*

Soil is one of the earth's most important natural resources, but it is often overlooked. This program discusses the origins of soil, its composition, and its importance to all living things. Soil erosion can be a threat to living things. The various methods of soil conservation are also reviewed.

### **(11) FARMING**

(National Geographic)

Length: 16 minutes Release Date: 1985

*Appropriate for Grades 2 – 6*



The film takes students from farms and ranches where foods are produced to supermarkets where food is sold. By following the activities of farmers throughout the year, students learn how a variety of vegetables, grains, fruits, and meats are produced. They also learn about several animals that are raised for their meat or eggs.

### **(12) CONSERVATION AND OUR FORESTS**

(Britannica)

Length: 15 minutes Release Date: 1966

*Appropriate for Junior High – High School*

Through tree farming and careful utilization of trees that are cut, we can conserve our forests while supplying our need for wood products.

### **(13) MAJOR RIVERS**

(LCRA & Educational Dev. Specialist)

Length: 8:30 minutes Release Date: 1989

*Appropriate for Elementary – Junior High*

A crusty, old character named Major Rivers, who rides a horse named Aquifer, tells how people used to get their water and how they get it today. He talks about dams, reservoirs, and aquifers as well as the way a wastewater system works. Ways to conserve water are shown.







#### **(14) WHAT'S TO EAT?**

(Texas Farm Bureau)

Length: 12 minutes

*Appropriate for All Age Groups*

Showcases some of the major agricultural commodities raised in Texas. Narrated by a young rancher, the video features cotton, wheat, poultry, beef cattle and dairying and how the food and fiber we use gets from the field to the table. Designed for elementary students, but can be enjoyed by any age group.

#### **(15) FRESH WATER: RESOURCE AT RISK**

(National Geographic Society)

Length: 28 minutes Release Date: 1993

*Appropriate for Elementary – Junior High*

Reviews threats to North America's water supply. The viewer travels to the Great Lakes region, the Great Plains, the Southwest, and Florida to see how people are trying to protect the quality and quantity of their freshwater resources.

#### **(16) CONSERVATION ON YOUR OWN**

(NACD, USDA — NRCS)

Length: 1 hour

*Appropriate for Agricultural Producers*

A "how to" video designed for farmers and ranchers. The video features eight widely used soil conservation practices such as how to measure and manage crop residues, how to lay out contour lines, how to lay out contour buffer strips, what to consider in strip cropping, how to lay out wind strips, how to control small gullies with grass, how to plant and maintain field windbreaks and how to keep terraces working. Shown in a step-by-step approach.

#### **(17) BLUE BELL ICE CREAM**

(CEV Multimedia)

Length: 22 minutes Release Date: 1997

*Appropriate for Elementary – Adult*

Find out how Fudge Brownie Nut and Banana Pudding ice cream is made. Follow 200,000 gallons of fresh cream milk through homogenization, adding of flavors and ingredients, mixing, packaging and freezing.



**(18) THE DAIRY PLANT**

(CEV Multimedia)

Length: 28 minutes Release Date: 1992

*Appropriate for Elementary – Adult*



Take a tour of the Wisconsin Dairy Plant! Walk beside the gleaming machinery and learn the ins and outs of milk processing and packaging. Viewers learn how butter, cheese, yogurt, sour cream and ice cream are manufactured.

**(19) TEXAS SHORES. . .SAVING WHAT'S LEFT**

(Texas State Soil & Water Conservation Board with the Natural Resources Conservation Service and the Texas Agricultural Extension Service)

Length: 26:50 minutes Release Date: 1990

*Appropriate for All Ages*

The video examines the causes and effects of coastal shoreline erosion. Dramatic effects of storm and wave action show water's destructive power.



**(20) CONSERVATION TILLAGE SYSTEMS FOR TEXAS**

(Produced in cooperation with the Natural Resources Conservation Service, Texas Agricultural Extension Service, and the Associations of Texas SWCDs)

Length: 15 minutes

*Appropriate for Agricultural Producers*



The video examines conservation tillage systems used in various land resource areas of the state. The video points out the advantages and disadvantages of conservation tillage systems. The video is targeted to the farmer who is thinking about using conservation tillage.

### **(21) LET'S VISIT TEXAS**

(Texas Farm Bureau) Release Date: 1991

Length: 27 minutes VOLUME I - Mountains & Basins

Length: 23:40 minutes VOLUME II - High Plains

Length: 25 minutes VOLUME III - Central Plains

Length: 42 minutes VOLUME IV - Coastal Plains

*Appropriate for Junior High – Adult*

“Let’s Visit Texas” takes students on a tour of our Lone Star State. This four-volume set fits in with your study of Texas history and geography. Each volume title explores one of the four major geographic regions of Texas. Students see the diversity of crops and livestock that are raised in the state and how climate in each region affects the agricultural products grown there. They also get to visit historical sites as well as major cities and other points of interest in each region.

### **(22) WILDLIFE FOR TOMORROW**



(Texas Parks & Wildlife Department)

Length: 20 minutes

*Appropriate for Grades 4 – 7*

The video examines various wildlife species and successful conservation methods. It is the story of unendangered species.

### **(23) THE WEALTH IN WETLANDS**

(NACD)

Length: 23 minutes

*Appropriate for All Ages*

This cooperatively produced video includes interviews with five farmers who believe there is a place for wetlands on their farms. Also featured is a brief overview of wetland losses, restoration methods and sources of help.

### **(24) WHATEVER BEFALLS THE EARTH**

(Gary Potts Production)

Length: 30 minutes

*Appropriate for Junior High – Adult*



Produced by Collin County Public Works. Reveals how citizens from all walks of life in Collin County worked together to conserve native prairie and green belts in a high population density area.

**(25) JOURNEY OF THE BLOB (LOOK AGAIN SERIES)**

(Bullfrog Films, Inc.)

Length: 10 minutes Release Date: 1990

*Appropriate for Grades K – 6*

Illustrates the water cycle and raises many questions about environmental responsibility and the consequences of our decisions.



**(26) THE GLOBAL ENVIRONMENT: BREAKING GROUND**

(Coronet)

Length: 20 minutes

*Appropriate for High School*

This program examines the problem in Nepal, Kenya, and the United States and finds not only devastation but also some current solutions: forestation, protective planting, and cutting techniques. The program also raises consciousness about lands and lives in jeopardy.

**(27) LIFE IN THE GRASSLANDS (2ND EDITION)**

(Britannica)

Length: 11 minutes Release Date: 1978

*Appropriate for High School – Adult*

For many centuries the prairie grasslands of North America have sustained a unique pattern of plant and animal life. This second edition of LIFE IN THE GRASSLANDS covers the complex interrelationship of animals, plants, soil, and climate. Viewers see the complete grassland succession cycle – including fire and subsequent regrowth – in this overview of the American prairie. Outstanding photography of plants and animals in their environment, along with maps and other graphics, show how grasslands ecology is changing in the face of encroaching civilization.

**(28) WATER RUNS DOWNHILL**

(Altschul Group Corporation)

Length: 13 minutes

*Appropriate for Elementary – Junior High*



This program tracks where water comes from, where it goes and how it moves. It describes how water's movement affects the land.

**(29) WHERE DOES IT COME FROM?**

(National Geographic Society)

Length: 15 minutes Release Date: 1993

*Appropriate for Elementary*



Young investigators in a children's detective agency discover how some of the familiar items that we use, wear or eat are made: how paper comes from trees, how jeans are fashioned from cotton fibers, and how pizza is created from a variety of other foodstuffs. After learning about the raw materials required, how they are processed, and how they are used, students will be more inclined and better able to inquire about the origins of other everyday objects around their homes and schools. Original music and song help make this a delightful, informative video.

**(30) THE CONTINUING FOREST: MANAGING THE SOURCES OF OUR NATIONAL FORESTS**

(Caterpillar, Inc.)

Length: 29 minutes Release Date: 1989

*Appropriate for High School and Above*



A wealth of information regarding the importance of forests products and the national timber supply is presented in this video. In addition, the history and role of the U.S. Forest Service is discussed inclusive of the scope and economics of U.S. forests through a presentation of a wide array of forest product uses. Vocational opportunities in the field of forestry are explored. Finally, emphasis is placed on multiple use requirement of U.S. forests inclusive of best management practices necessary to conserve the nation's forests.

**(31) STEWARDS OF FAMILY FARMS, RANCHES AND FORESTS**

Length: 7:15 minutes

*Appropriate for Adult Audiences*

A film featuring agriculturists as stewards of the land. This piece defends the private property rights of family farms, ranches and forest owners in a time of changing governmental policy.



**(32) FARM CREDIT & RURAL AMERICA "OLD FRIENDS-NEW IDEAS"**

(Farm Credit Bank of Texas)

Length: 15:20 minutes Release Date: 1993

*Appropriate for High School – Adult*

This film takes a step back in time to the early 1900's and traces the development of the nation's only agricultural member-owned lender. Then, listen as members themselves help tell the story of today's Farm Credit.

**(33) CLEAN WATER, CLEAR CHOICES**

(National Association of Conservation Districts)

Length: 13:15 minutes Release Date: 1991

*Appropriate for High School – Adult*

This film shows how our ground water and surface water supplies are being contaminated by rainwater runoff which carries chemicals, soil, debris and bacteria. Eventually, these pollutants can wind up in the nearest body of water and the result is more than just an eyesore, but a threat to our environment, our economy and our health.

**(34) THE PUBLIC EYE IS WATCHING**

(Oklahoma Conservation Commission)

Length: 17 minutes

*Appropriate for SWCD Directors*

This video contrasts a well run SWCD meeting versus a scenario of a meeting that does not follow parliamentary procedure. The video's content is presented in a humorous but constructive manner.

**(35) AMERICA'S WETLANDS (REVISED)**

(National Audio Visual Center)

Length: 26 minutes Release Date: 1994

*Appropriate for Junior High, High School – Adult*



From the Atchafalaya River Swamp in lower Louisiana to Alaska's Arctic tundra, America's Wetlands reveals the hidden values of wetlands, swamps, marshes, prairie potholes, and other saturated lands that have been traditionally viewed as worthless and dispensable. This program conveys a national perspective of wetlands, their natural benefits to man and wildlife, and the potential impact of their loss.



### **(36) WHO OWNS THE LAND?**

#### **When the Environment Collides with the Constitution**

(Farm Credit Bank of Texas)

Length: 23 minutes      Release Date: 1994

*Appropriate for High School – Adult*

Land and the ownership of land formed the foundation upon which our strong national economy grew. Our forefathers knew that in order for society to prosper, the individual had to have certain rights—one of which was the ability to possess property: to freely give it away or sell it, to manage it, to pass it on to their children and their grandchildren. They knew that this was freedom itself and if we ever lost that constitutional right, we would lose our freedom.

### **(37) GREEN SIDE UP**

(USDA – Forest Service)

Length: 50 minutes      Release Date: 1994

*Appropriate for SWCD Directors*

Green Side Up is a short, practical three-module video designed to train tree planting professionals. Its purpose is to educate tree planters on the proper care and handling of seedlings from the storage facility all the way through planting, including different planting techniques. A facilitator's guide, viewer handout, and training quizzes are also included.



### **(38) REPLANTING THE TREE OF LIFE**

(Bullfrog Films)

Length: 30:32 minutes

*Appropriate for Tree Farmers*

This tape takes a pragmatic but also inspirational look at both trees and forests and what they mean to our lives and well-being. That look starts with microscopic close-ups of the cellular structure and functioning of trees and shows how trees purify the air we breathe and filter the water we drink. It looks at how humankind has used and misused trees from prehistory to the present. It looks at various facets of the science of forestry, from the growing of Christmas trees to various other forestry practices.

### **(39) ON AMERICAN SOIL**

(Bullfrog Films)

Length: 28 minutes Release Date: 1985

*Appropriate for Junior High – Adult*

This film discusses the nature and extent of the soil erosion problem in America today. "On American Soil" explains the economic bind in which farmers find themselves and discusses the problems caused by more intensive row cropping and the use of increasingly large farm machinery, as well as absentee landlords.

### **(40) ESTUARY**

(Bullfrog Films)

Length: 12 minutes Release Date: 1993

*Appropriate for High School – Adult*



Using exquisite underwater microphotography, this National Film Board of Canada production provides a close-up look at an estuary – the biologically important wetlands where the fresh water of a river meets the salt water of the ocean. As we watch barnacles feeding themselves, and the comic acrobatics of diving ducks, the film details the complex ecology of estuary life and, in an understated manner, makes a powerful case for protecting wetlands.

### **(41) BIODIVERSITY: THE VARIETY OF LIFE**

(Bullfrog Films)

Length: 42:50 minutes Release Date: 1994

*Appropriate for High School – Adult*

This film, "The Variety of Life", offers a clear and understandable explanation of the complex factors involved in conservation biology. Conventional approaches to species and habitat protection are failing to sustain the diversity of animal and plant life in our wilderness areas.

### **(42) LEPA-SAVING WATER FOR FUTURE PRODUCERS**

(Texas Tech Agricultural Extension Service)

Length: 30 minutes Release Date: 1993

*Appropriate for Agricultural Producers*

This video presents the various aspects of low energy precision application (LEPA) center pivots for producers to consider to be more informed consumers. Saving water means saving pumping costs which translates into more profit for producers.



### **(43) E IS FOR ECOLOGY**

(Coronet)

Length: 11 minutes

*Appropriate for Grades K – 4*

Ecology is the study of the relationships between living things and their environment. This enlightening animated adventure explores the ecological cycles of the earth and reveals how everything in nature is interconnected. While zipping about, our energetic narrator, Ecology E, introduces the water cycle, the air cycle, the food cycle, and the life cycle. He shows us how water, air, plants and animals all work together in a delicate balance. Animation combined with beautiful nature photography provides an appealing background for children to discover beginning concepts in ecology.

### **(44) TECHNOLOGY'S PRICE**

(National Geographic Society)

Length: 27 minutes Release Date: 1993

*Appropriate for High School – Adult*

This video reviews a variety of modern technologies and examines their benefits and their true costs in terms of their environmental and social impacts.

### **(45) HOW PLANTS ARE USED**

(National Geographic Society)

Length: 15 minutes

*Appropriate for Elementary – Junior High*



Reviews some of the many products that plants provide, including wood, paper, cotton, and rubber, as well as food and medicines; also reminds viewers that fossil fuels we use today are derived from ancient plants.

### **(46) WHAT IS A PLANT?**

(National Geographic Society)

Length: 15 minutes Release Date: 1991

*Appropriate for Elementary – Junior High*

Examines the different parts of a plant – its roots, stems, and leaves – and outlines their functions; uses animation to reveal the food-making process of photosynthesis and explores different kinds of plants and their habitats.

**(47) ANIMALS ON THE FARM**

(National Geographic Society)

Length: 15 minutes Release Date: 1992

*Appropriate for Lower Elementary Grades*



Introduces the characteristics of poultry, dairy cattle, and pigs and shows the way farmers care for these different kinds of livestock; also shows the products of these animals in the supermarket.

**(48) OUR SIDE OF THE FENCE**

(National Geographic Society)

Length: 9 minutes Release Date: 1989

*Appropriate for High School – Adult*

It explores the public attitudes concerning animal rights issues. The video highlights events during November 1988 in Massachusetts where the public was asked to decide on the quality of care that farm animals receive. It shows how Massachusetts farmers launched a comprehensive public education campaign to provide reliable information about animal care, production and handling practices. It stresses the importance of all agri-industries writing as a single voice to tell their story.



**(49) COWBOYS THEN AND NOW**

Length: 10 minutes

*Appropriate for All Ages*

A historical documentary on the history of the American Cowboy. The film presents changes, risks and challenges that have made the American Cowboy the figure he is today.

**(50) PARTNERS WITH NATURE**

(National Cattlemen's Association)

Length: 27 minutes

*Appropriate for High School – Adult*



The documentary video features how cattlemen are partners with nature. It also focuses on how having all-incorporated sound conservation practices in their successful cattle businesses earn them an Environmental Stewardship Award from the National Cattlemen's Association.

**(51) MYTHS AND FACTS**

(National Cattleman's Association)

Length: 12:29 minutes Release Date: 1990

*Appropriate for High School – Adult*

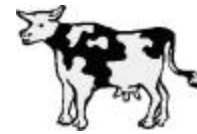
Presents misconceptions and half-truths that have at times led to the live-stock industry being blamed for some environmental problems. Experts in the scientific field refute the myths.

**(52) CATTLEMEN CARE ABOUT THE ENVIRONMENT**

(National Cattleman's Association)

Length: 7 minutes Release Date: 1990

*Appropriate for General Audience*



Cattlemen depend on the environment for their livelihood. This videotape demonstrates the many ways in which American cattle producers care for the land, air and water. It highlights the unique cycle of energy from the sun to grass to cattle to human food. The tape shows how living as close to the earth as cattlemen do, instills a deep respect and sense of responsibility for Mother Nature.

**(53) THE COLORADO RIVER TRAIL**

(National Cattleman's Association)

Length: 8:30 minutes Release Date: 1992

*Appropriate for All Ages*

Narrated by actor Tommy Lee Jones, this video is a scenic journey along the Colorado River. Tommy Lee Jones describes the importance of the river and how people use it for a multitude of purposes.

**(54) KEEPING NATURE IN BALANCE**

(National Cattleman's Association)

Length: 28 minutes Release Date: 1993

*Appropriate for High School – Adult*



The video is narrated by football player Jay Novacek of the World Champion Dallas Cowboys. This documentary features how cattlemen take care of their land and the steps their families are taking to ensure the land is productive for this and future generations.

**(55) SOIL AND WATER. . . A LIVING WORLD**

(Barr Films)

Length: 16 minutes Release Date: 1984

*Appropriate for Grades 3 – 5*



Children on a nature expedition learn all about the plants and animals that live in soil and water. First, their teacher takes them to explore topsoil. But even through their magnifying lenses they can see only earthworms, spiders and small insects. Later through microscopes, they see rotifers, amoebae, and some of the bacteria and other microorganisms that make soil their home. Now for a look at pond water: like soil, they discover pond water doesn't seem nearly as full of life as it is. At first they see only fish, frogs, water spiders, and beetles. But later, a look at pond water through microscopes reveals water rotifers, algae, and water bears and other microorganisms. Soil and water, they discover, are full of life. Soil and water is a living world!

**(56) VOLUNTARY WATER QUALITY MANAGEMENT PROGRAM:  
AGRICULTURE/SILVICULTURE**

(Texas State Soil and Water Conservation Board)

Length: 9 minutes

*Appropriate for Agricultural Producers*



Defines nonpoint source pollution. Farmers, ranchers and timber producers learn how they are able to obtain a certified water quality management plan to comply with state water quality laws through traditional voluntary incentive based programs. An overview of best management practices are presented as options available to producers who want to learn more on how they can participate in the program.

**(57) "JUST A DROP IN THE OCEAN"  
FEATURING: WILLIE WATERDROP**

(Earth Vision Production-1993)

Length: 9 minutes Release Date: 1993

*Appropriate for Grades 4 – 6*



An animated raindrop tells the story of how non-point source pollution occurs from an urban setting. Oil, paint, fertilizers, pesticides, and urban construction sites are presented as sources of water pollution. A watershed is defined and its function explained.

**(58) PRIVATE RURAL WELL PROTECTION**

(National Resources Conservation Service)

Length: 15 minutes

*Appropriate for High School – Adult*

Video demonstrates why rural wells need to be protected from farmstead contamination. The video also depicts some obvious potential problems which could occur in real life situations.

**(59) RICE: A BETTER WAY**

(Lower Colorado River Authority)

Length: 12 minutes

*Appropriate for Junior High – High School*

A group of rice farmers in Matagorda County, Texas, demonstrate current best management practices, highlighting integrated pest management practices in rice production. The video focuses on practices that have resulted in a positive impact on the environment as well as being economically sound.



**(60) GROUND WATER**

(New Dimension Media, Inc.)

Length: 10 minutes Release Date: 1989

*Appropriate for Ages 4 – 9*

The video explains what groundwater is, how it becomes polluted and how this pollution can be averted. Students are invited to think and talk about groundwater.

**(61) FARMS: IN THE SPRING, IN THE SUMMER,  
IN THE FALL, IN THE WINTER**

(Altschul Group Corporation)

Length: 9.5 minutes each Release Date: 1994

*Appropriate for Elementary*

These videos give children insight into the seasons of the year which yield different products on farms.



## **(62) CONSERVING OUR NATURAL RESOURCES**

(Britannica)

Length: 15 minutes Release Date: 1979

*Appropriate for Elementary – High School*

Video shows viewers how people use natural resources to make life easier. Some resources can be renewed, but others are non-renewable and must be used wisely.

## **(63) A GRAIN OF WHEAT**

(BFA Education Media, Inc.)

Length: 7:50 minutes Release Date: 1983

*Appropriate for Elementary – Junior High*

One grain of wheat separates itself from a piece of bread, a little boy is eating and then the magic begins, as the boy and the grain take an animated journey through the process of turning wheat into bread. From the planting of the seeds to the grinding of the wheat into flour and the baking of a fresh loaf of bread, the viewer sees the entire cycle of growing and processing wheat.



## **(64) FOOD FOR MAN**

(Phoenix Films)

Length: 18:30 minutes Release Date: 1979

*Appropriate for Elementary – High School*

Shows exactly where our food comes from, how it is harvested, processed, packaged for our consumption and who is involved in each step of this complex undertaking.

## **(65) LUMBER PRODUCTION**

(CEV Multimedia)

Length: 35 minutes

*Appropriate for Junior High – Adult*

Take a field trip to the forests of Woodville, Texas where lumberjacks are cutting trees destined to be turned into newspaper and other paper products. Viewers see the shearer, sawhand, skidder and loader harvest logs and load them onto an 18-wheeler for transport. The video also shows the logs being processed at Champion International Corporation's plywood and stud mill.



**(66) FOOD FOR CITY: WHEAT AND FLOUR**

(BFA Educational Media)

Length: 9:53 minutes Release Date: 1967

*Appropriate for Elementary – Junior High*



This video shows how wheat is planted, cultivated, harvested. The film follows wheat to the flour mill and bakery. Depicts how many workers and how much equipment are needed to grow wheat and produce flour to make many common foods.

**(67) WETLANDS FOR THE FUTURE**

With "Gulf Coast" Joint Venture

(US Fish & Wildlife Service)

Length: 16:47 minutes

*Appropriate for High School – Adult*

Explores the basics of wetlands and considers the effects of wetland conversion on wildlife, humans and the quality of life in general. Focuses on the North American Management Plan as it relates to the decline of waterfowl and how it is helping to rebuild waterfowl populations on wetlands through private and public action.

**(68) A RUN UNTO THE SEA:  
THE ADVENTURES OF THE ABILENE BOYS**

(Lower Colorado River Authority)

Length: 56:51 minutes Release Date: 1992

*Appropriate for Junior High – Adult*



Narrated by Walter Cronkite, this video accounts the expedition of three men in their seventies on their second canoe trip down the Colorado River in Texas.

**(69) ENVIRONMENTAL LAW AND LANDOWNER LIABILITY**

(Stephen F. Austin, State University)

Length: 5 hours, 15 minutes Parts 1-3

*Appropriate for Landowners*

Symposium conducted at Stephen F. Austin University designed to help landowners understand the laws, regulations and policies that impact our lives everyday. Consists of speakers and panels of experts discussing responsibilities and liabilities that landowners face under the existing environmental laws and regulations.

**(70) TEXAS OPEN MEETINGS ACT**

(Texas Attorney General's Office)

Length: 13 minutes

*Appropriate for SWCD Directors*

This video examines the Texas Open Meetings Act by simulating a meeting of a fictitious state agency that demonstrates some of the most common violations of the Open Meetings Act. It then points out the mistakes made during the simulation and briefly describes each one as it relates to the Act.



**(71) KEEPIN' IT ALL CLEAN. . .IN THE OIL PATCH**

(National Environmental Training Association)

Length: 5 minutes

*Appropriate for Adults*

This is an action packed video about pollution prevention and minimizing waste in the oil and gas industry.

**(72) WATER FOR TEXAS: A UTILITY MANAGER'S GUIDE TO WATER CONSERVATION**

(Texas Water Development Board)

Length: 41 minutes

*Appropriate for Adults*

An informational video that discusses water usage in Texas, reasons and ways to conserve water through a conservation program, detecting water leaks and other water advice to help conserve our most precious natural resource.

**(73) PARTNERSHIPS FOR WATERSHEDS**

(Office of Communication, Texas USDA)

Length: 13 minutes

*Appropriate for Adults*

Explains what a watershed is and how they are formed. Further discusses improving water quality through the formation of local watershed partnerships in communities.





**(74) CIRCLE OF WATER**

(National Geographic Society)

Length: 17:00 minutes Release Date: 1994

*Appropriate for Grades K – 3*

This video describes the processes of evaporation, condensation, and precipitation, as well as three forms of water—solids, liquid, and gas. Viewers also grow to appreciate the value of water to all life on earth, learn the age of water, and observe the effects of pollution. At the end of their journey, they return to their own river and discover that they truly have been going in circles.

**(75) CONCERTO FOR THE EARTH**

(Bullfrog Films)

Length: 15:48 minutes Release Date: 1995

*Appropriate for Grades 4 – Adult*

A celebration of the beauty of nature, this non-narrative program uses a class concerto format to illustrate the devastating effect people have had on our planet ecology.

**(76) BIOLOGICAL CONTROL: LEARNING TO LIVE WITH THE NATURAL ORDER**

(National Biological Control Institute)

Length: 24:36 minutes

*Appropriate for Elementary – High School*

This video describes the phases of a classic biological control program against a serious agricultural pest, the Russian wheat aphid. The video includes remarkable footage of natural enemies in action provided by Walt Disney World Co.



**(77) KEEPERS OF THE FLAME**

(National Association Conservation Districts)

Length: 7:35 minutes Release Date: 1996

*Appropriate for All Ages*

A reflective musical video great for meeting openers. "Keepers of the Flame" captures the spirit and dedication of the thousands of individual farmers and ranchers whose natural resource stewardship has made our nation's land the most productive and protected in the world. The imaging in the video includes conservation vistas from across the county.

**(78) LAND APPLICATION: WATER REUSE IN AGRICULTURE**  
(CEV)

Length: 23 minutes

*Appropriate for High School - Adult*

Explores agricultural land application principles and distribution of effluent wastewater into crop soils. Tours wastewater facility and process of redistribution.

**(79) VRRROOMMM! FARMING FOR KIDS**  
(Rainbow Communications)

Length: 30 minutes Release Date: 1994

*Appropriate for Kids All Ages*

Look, listen and learn how the food we eat is grown. This entertaining video will engage your child's imagination. Roaring tractors, combines and cultivators are shown in action throughout the growing season on 7,000-acre family farm. Follow vegetable and grain production - wheat, sweet corn, beans, carrots, and cabbage from planting to harvesting.



**(80) VRRROOMMM 2: DAIRY FARMING FOR KIDS**  
(Rainbow Communications)

Length: 30 minutes Release Date: 1996

*Appropriate for All Ages*

Friendly Farmer Bill takes you on a personal tour of a modern family farm. Join him as he explores what it is like to live and work on a 700 cow dairy farm. From cows mooing to tractors roaring, this entertaining and educational video has it all. Follow milk production from growing the herd's feed all the way to seeing cheese made. Adults and children alike will want to watch it over and over again.

**(81) LAKES, RIVERS AND OTHER WATER SOURCES**

(Altschul Group Corporation)

Length: 17 minutes Release Date: 1982

*Appropriate for Ages 7 – 12*



An investigation of the water system reveals the origins of the water, the action of rivers, how lakes die, and the forces that create the underground water supply.

**(82) TEXAS WETLANDS: A LEARNING ADVENTURE**

(Texas Parks and Wildlife)

Length: 10:30 minutes Release Date: 1994

*Appropriate for Grades 4 – 7*

This video explores the benefits and impacts Texas wetlands have on animals and humans alike. It discusses the different types of wetlands existing in the state and encourages viewers to get involved with the Adopt-A-Wetland program.

**(83) TEXAS WETLANDS: A VANISHING RESOURCE**

(Texas Parks and Wildlife)

Length: 22 minutes Release Date: 1995

*Appropriate for High School – Adult*

This film examines the state wetlands conservation plans being developed and implemented to counteract society's detrimental impact on wetlands today. It describes wetlands universally in terms of the similar constituents that compose it and focuses on the protection of wetlands through a voluntary approach.

**(84) FOREST INVESTMENTS: A CLIMATE FOR PROFIT**

(Temple-Inland)

Length: 15 minutes

*Appropriate for Adults (Training Film)*



Discusses investment in timber production, and how management can produce better timber crops and profits.

**(85) WHERE DOES PORK COME FROM?**

(Indiana Farm Bureau Women's Division)

Length: 9:25 minutes Release Date: 1994

*Appropriate for Grades K – 4*



This video teaches students the "farm to table" story as it relates to pork. It focuses on pork producers caring about the animals they raise; pork being leaner today and part of a healthy, balanced diet; the many other products we use that come from pork; and the many different jobs and industries that rely on the pork production industry.

**(86) FOOD FOR THOUGHT**

(National Geographic Society)

Length: 18 minutes Release Date: 1995

*Appropriate for Lower Elementary Grades*

Curious youngsters find out where neighborhood creatures get their food, and in the process discover how local food chains might be connected with others in faraway places as their imaginations carry them from forest tree-tops to Alaskan waters and the Okefenokee Swamp.

**(87) HEALING THE EARTH**

(National Geographic Society)

Length: 28 minutes Release Date: 1995

*Appropriate for Junior High – Adult*



Examines how we humans have been polluting our planet for a long time and, focuses on what we can do - as individuals and through established conservation programs - to help heal the scars.

**(88) POINTLESS POLLUTION: AMERICA'S WATER CRISIS**

(Lower Colorado River Authority)

Length: 28 minutes Release Date: 1990

*Appropriate for Grades 7 – Adult*

Nonpoint source pollution comes from our streets, farms and lawns and, according to the Environmental Protection Agency, is the largest source of water pollution in the country. Join Walter Cronkite as he explains how non-point source pollution has affected the Chesapeake Bay, underground aquifers in Minnesota, creeks in Alabama and the Highland Lakes of Texas.

**(89) TRACTORS, COMBINES AND THINGS ON THE GROW**

(Just Our Size Videos)

Length: 30 minutes

*Appropriate for Ages 3 – Elementary*



“Tractors, Combines and Things on the Grow”

shows children the wonders of where food really comes from and how it ends up on the grocer’s shelf. Shot on location across the country, children are able to watch powerful farm machinery in action through an entire growing season. The result is a production that keeps children glued to the television set as they learn.

**(90) TRACTORS, COTTON-PICKERS & THE STUFF KIDS WEAR**

(Just Our Size Videos)

Length: 30 minutes

*Appropriate for Ages 3 – Elementary*



“Tractors, Cotton-Pickers and The Stuff Kids Wear” will fascinate children as they discover how their favorite pair of blue jeans came from a tiny cotton seed. From the struggles of a tiny silkworm, to the rumblings of a giant cotton harvester, your children will be thrilled by the sights and sounds of natural fibers being transformed into their favorite clothing.

**(91) THE LIVING SOIL**

(Journal Films)

Length: 20 minutes Release Date: 1992

*Appropriate for Junior High – High School*



This program explores the complex relationship between the living and nonliving components of soil, and illustrates the natural cycles that make soil a self-sustaining element. How nutrients are replenished in healthy soil, and how soil is lost through deforestation and outdated agricultural techniques is also explained. Also a look at the relationship between declining soil quality and increased reliance on chemical fertilizers to bolster food production is provided.

**(92) UNDERSTANDING ECOLOGY: WHAT IS AN ECOSYSTEM?**

(Coronet/MTI Film & Video)

Length: 10 minutes

*Appropriate for Junior High – Adult*



This video is designed to allow viewers to explore in depth the meaning of key vocabulary words in the science of ecology. Each program focuses on one of the basic concepts that provide a foundation for building a solid body of knowledge in this discipline. Rich and varied visual examples provide viewers with experiences generally unavailable to them. By fleshing out the bare bones of formal definitions, these programs give young viewers more ability to use the information.

**(93) ADAPTING TO CHANGES IN NATURE**

(Altschul Group Corporation)

Length: 14 minutes Release Date: 1996

*Appropriate for Grades 4 – 8*



The world of nature is always changing. This program explains how animals cope with both the routine and unpredictable changes that nature brings, from the changing seasons, to changes in climate, to destruction of habitats. Fascinating footage of deer, a great horned owl, rabbits and bears helps viewers understand why some animals seem to adapt to change better than others. Finally, the role that humans play in creating change is questioned and analyzed from different points of view.

**(94) FOOD SAFETY & ANIMAL DRUGS:**

**TESTING...TESTING....TESTING**

(Animal Health Institute)

Length: 11:42 minutes

*Appropriate for Junior High - Adult*



This video covers the development and review of animal drugs and their safe use for food safety. It discusses the roles of the Federal Drug Administration (FDA), the U.S. Dept. of Agriculture (USDA) and the Environmental Protection Agency (EPA) in animal drug safety testing and in food safety.

**(95) HABITATS FOR LEARNING:**

**Ohio Takes a New Look at School Land Labs**

Length: 14:35 minutes

*Appropriate for Teachers/Educators*



This video is a motivational look at using the school grounds for teaching and learning — whether on black-top or in a field or on the playground. “Habitats For Learning” advocates a “use what you have, enhance as you go, develop if and when you’re ready” philosophy.

**(96) AMERICA’S MOST CRUCIAL INDUSTRY**

(U.S. Department of Agriculture)

Length: 14:42 minutes

*Appropriate for Junior High — Adult*

The video examines the world’s largest industry – agriculture and its impact on the past and present. It covers agricultural statistics, economy, productivity, world trade, exports, and different agricultural industries. Discusses the process from the farm to the consumer.

**(97) SAGEBRUSH COUNTRY**

(New Dimension Media, Inc.)

Length: 28 minutes

*Appropriate for Grades 7 – Adult*



A rich and colorful documentary on the ecology of the high desert country of the American West. Traces the history of one area in this environmental niche and how current land practices may assure the preservation of this potentially fragile ecosystem.

**(98) DON’T BAG IT – LEAF MANAGEMENT PLAN**

(Texas A&M University)

Length: 6 minutes

*Appropriate for Junior High – High School, Community*

This film examines home leaf management that is environmentally-friendly and beneficial to lawns and gardens. It gives examples of different ways leaves can be used in home lawn care and gardening.



**(99) DON'T BAG IT — COMPOSTING PLAN**

(Texas A&M University)

Length: 9:20 minutes

*Appropriate for Older Elementary – High School, Community*

This film examines home composting — what is compost, compost benefits, what to compost, how to compost, different methods of composting, and problems/solutions associated with composting.



**(100) SOIL: A NATURAL HABITAT**

(Britannica)

Length: 17 minutes Release Date: 1990

*Appropriate for Junior High – High School*

Soil is composed of varying proportions of humus, mineral substances, water, and air. Ideally, it is crumbly with a porous, sponge-like composition that easily absorbs water and accommodates the growth of plant roots. Its loose composition also supports a community of living organisms that litter their environment with humic substances vital to its good health and fertility. "Soil: A Natural Habitat" discusses the chemical and mineral components that combine to make soil. It also examines soil as a habitat, identifying the various organisms that live in it and assessing their contribution to the soil's ecology.

**(101) ROTATIONAL GRAZING**

(Classic Videos)

Length: 29 Minutes

*Appropriate for High School to Adult*

This video teaches the benefits, importance and economic difference of rotational grazing.





### **(102 ) COTTON PRODUCTION**

(Creative Educational Video)

Length: 35 minutes Release Date: 1990

*Appropriate for High School – Adult*



Produced in West Texas where 25% of the nation's cotton is grown each year, this comprehensive learning tour provides students with the opportunity to view all facets of the cotton industry. Includes a tour of a cotton gin where viewers can see burr and seed removal, cleaning of the cotton lint, and baling of the cotton.

### **(103) AGRICULTURAL PRODUCERS**

(Creative Educational Video)

Length: 31 minutes Release Date: 1991

*Appropriate for High School – Adult*

The video outlines employment opportunities, necessary skills/degrees required, and average salaries. Informative interviews with a vegetable producer, cotton producers, livestock producers, and a spur maker are included.



### **(104) THE DAIRY COW**

(Creative Educational Video)

Length: 15 minutes Release Date 1993

This video provides a look at nature's milk factories — dairy cows. Jim Armbruster explains the complex interaction of the cow's consumption of feed to chewing her cud to ultimately yielding milk which is processed into cheese, ice cream, butter, and other dairy products. Also includes: feed intake, digestion and conversion, the environment of a working dairy, and the retail impact of raw milk.

### **(105) EGG PRODUCTION**

(Creative Educational Video)

Length: 40 minutes Release Date 1991



Live action video footage of a completely automated operation follows the egg from the chicken to the supermarket. Discussion on nutrition, housing and environmental control of laying hens. Viewers will be amazed at the metal claw machinery that gently transports the eggs to their cartons.

### **(106) FUNDAMENTALS OF FORESTRY**

(Creative Educational Video)

Length: 31 minutes Release Date: 1989



Live-action video footage will stimulate interest in forestry as it provides an excellent foundation for contest teams. Discusses and demonstrates 10 of the 12 parts of the State Woodland Clinic Contest. Topics include: pine identification, rate of growth, selective thinning, tree volume, wood products, wood identification, site index, cull tree removal, woodland suitability, compass and pacing.

### **(107) BEST MANAGEMENT PRACTICES**

(Texas Forestry Assn., Texas Forest Service, Texas Logging Council)

Length: 13:25 minutes

*Appropriate for High School to Adult*

This video gives examples of best management practices (BMPs) for forestry. It explains stream crossings, water bars and stream-side management zones and the purpose of installation.

### **(108) CAREERS IN PLANT & SOIL SCIENCE**

(Creative Educational Video)

Length: 23 minutes Release Date: 1997



Career choices in production agriculture, plant and soil research, governmental regulatory agencies and industrial agriculture are outlined and discussed. Live-action video and interviews with experts will help you learn about the rewards of a career in plant and soil science.

### **(109) THE PITCHFORK RANCH**

(Creative Educational Video)

Length: 26 minutes Release Date: 1995

*Appropriate for all ages*

Join in the spring roundup at this 165,000 acre ranch when calves are weaned, branded and processed. Old photographs intermingled with present day live action and narration give a taste of the tradition of this 110 year old ranch.



### **(110) IRRIGATION**

(KAW Valley Films & Video)

Length: 32 minutes

*Appropriate for Grade 4 – Adult*



This video emphasis on some of the sources of water for irrigation; method of distribution that the North American Indians used to move water to their cornfields; where was irrigation pioneered in the American West in the 19th century; describes the importance of the three inventions which allowed irrigation to be more mechanized; and describes some of the structures and equipment used to move water from its source to the soil.

### **(111) WHAT'S THE DIFFERENCE?**

(Association of Texas Soil & Water Conservation Districts; Texas State Soil & Water Conservation Board; USDA-Natural Resources Conservation Service; and USDA-National Employee Development Center)

Length: 9 minutes Release Date: 1997

*Appropriate for General Audience*

This video examines the local, state and federal partnerships responsible for protecting the natural resources of Texas and will discuss the respective duties and responsibilities of each.



### **(112) PROGRAMS OF CONSERVATION: WATER**

(Britannica)

Length: 16 minutes Release Date: 1990

*Appropriate for Junior High – High School*

Fresh water is a precious resource, yet we endanger it with overuse and pollutants. This program shows how water can be treated in order to return it to a pure state.

### **(113) PROGRAMS OF CONSERVATION: SOIL**

(Britannica)

Length: 14 minutes Release Date: 1969

*Appropriate for Junior High – High School*

This program demonstrates how the U.S. Soil Conservation Service combats water and wind erosion of soil through contour plowing and "land-use planning".

**(114) AQUACULTURE: FARMING THE WATERS**

(AAVIM)

Length: 30 minutes Release Date: 1990

*Appropriate for Junior High – High School*



This video addresses the production, marketing and processing of three of the most popular aquatic species currently being raised using aquaculture methods: catfish, crayfish and trout.

**(115) WE ALL LIVE DOWNSTREAM**

(Oregon State University Extension Service)

Length: 30 minutes Release Date: 1996

This video examines how local residents and government officials are trying to reduce non-point source pollution. It also offers tips to help each of us play an active role in cleaning up our nation's drinking water supplies.

**(116) CONSERVATION AND BALANCE IN NATURE**

(International Film Bureau, Inc.)

Length: 18 minutes

Critically investigates the delicate balance in natural ecological systems as it relates to what man is doing to his environment. Shows that the interrelation of organisms in food webs involves delicate balance.



**(117) SUSTAINING AMERICA'S AGRICULTURE**

(National Association of Conservation Districts)

Length: 29 minutes

This video is about how America's farmers and ranchers minimize environmental impacts while maximizing production.

**(118) REGIONALLY COORDINATED COMPOSTING OPPORTUNITIES**

(Winrock International)

Length: 7:45 minutes Release Date: 1993

The video highlights the advantages that can be realized from large-scale composting of organic, biodegradable materials through coordinated efforts on a regional basis.

**(119) BACKYARD CONSERVATION:  
ONE YARD AT A TIME**

(National Association of Conservation Districts)

Length: 9 minutes

*Appropriate for Jr. High – Adult*



Your yard, no matter how big or where it is, has room for conservation measures. See how 10 conservation practices commonly used by farmers in the countryside can be used in your backyard.



**(120) ANIMAL PREDATORS AND THE BALANCE OF NATURE**

(Altschul Group Corp.)

Length: 14 minutes Release Date: 1996

*Appropriate for Grades K – 6*

The program observes several different predators and their behaviors, and points out that these animals play an important role in helping to keep a balance between an animal population and its food supply.

**(121) WHY DO ANIMALS LOVE GEOGRAPHY?**

(Altschul Group Corp.)

Length: 14 minutes Release Date: 1996

*Appropriate for Grades K – 6*

This video helps students understand why various animals live where they do, and how they adapt to their environment. The difference between physical geography and human geography is explained, as well as the role conservation plays in geography.

**(122) INSTINCTS IN ANIMALS**

(Altschul Group Corp.)

Length: 14 minutes Release Date: 1996

*Appropriate for Grades K – 6*

This video provides an easy-to-understand explanation of what instincts are, and describes how instincts direct animals through their lives. The animals help demonstrate the instincts they have, and the difference between instincts and learned behaviors. Students learn that from migration to hunting for food, instincts help animals survive.



### **(123) GREENING OUR CITIES**

(American Forests)

Length: 13:30 minutes Release Date: 1995

*Appropriate for High School – Adult*



This film highlights the role of humans in the urban environment and introduces terms and problems associated with urban development. Emphasis is on including techniques, such as strategic tree planting, in the city planning process. Examples show how the reintroduction of nature into cities can save energy, improve air quality and reduce storm water flows.

### **(124) STRAIGHT TALK ABOUT YOUR CONSERVATION PLAN**

(ICI Agricultural Products)

Length: 15:30 minutes Release Date: 1992

*Appropriate for the General Public*

Informative look at how agricultural producers and the environment benefit from the implementation and maintenance of a conservation plan. Features former chief of the USDA Natural Resources Conservation Service, Bill Richards, in a question and answer format with farmers from around the nation. Richards fields questions about how to work with the NRCS, how to change a conservation plan, and how to appeal an NRCS decision.



### **(125) "CELEBRATE THE LAND" AND THE PEOPLE WHO TAKE CARE OF IT**

(Farm Bureau)

Length: 9:27 Release Date 1995

*Appropriate for Jr. High – High School*

Highlights the progress in soil conservation made in the last 10 years by farmers and ranchers. Shows how using no-till methods, planting grass on waterways, planting trees as windbreaks, and the efficient use of agricultural chemicals have reduced erosion, recharged groundwater supplies, created wetland habitat, and provided aesthetic appeal in agricultural lands.

**(126) THE FRAGILE SOIL**

(Thames Television International)

Length: 20 minutes Release Date: 1990

*Appropriate for Jr. High – Adult*

Erosion, a worldwide problem is responsible for famine in Third World countries and the slow deterioration of our earth. This program looks at the earth's soil as an ecosystem, and at how it is being destroyed by pesticides, herbicides, and the constant increase of industrial pollution.

**(127) POULTRY COMPOSTING**

(TSSWCB, USDA-NRCS, EPA)

Length: 11 minutes Release Date: 1998

*Appropriate for Poultry Producers*



In order to help poultry producers meet the daily challenge of dealing with mortalities in a cost-effective manner this video examines all aspects of composting. This video also examines the environmental benefits of poultry composting as well as helps producers locate and design a composter to meet their needs.

**(128) CONSERVATION PARTNERSHIPS:  
CHANGING AMERICA'S LANDSCAPE**

(USDA-NRCS)

Length: 21 minutes

This is the story of how conservation partners, working through the locally led conservation process, are helping landowners and producers solve natural resource conservation challenges on the land.

**(129) WATER TREATMENT FIELD TRIP**

(CEV Multimedia)

Length: 24 minutes

*Appropriate for High School – Adult*

Produced in partnership with the City of Wichita Falls, this video offers a comprehensive examination of the regulated treatment and filtration of raw water collected from various lake and reservoir sources. The video explores the daily operations of a water treatment plant and shows how water is purified.

### **(130) FARM IMPLEMENTS I: TILLAGE**

(CEV Multimedia)

Length: 28 minutes

*Appropriate for Junior High – Adult*



A wide variety of tillage tools are shown throughout this identification program. Basic tillage practices and a brief history of tillage are discussed. Tools shown include: moldboard plows, toolbars, disk plows, chisel plows, harrows, stubble-mulch plows and tillers, listers and bedders, and field cultivators.

### **(131) FARM IMPLEMENTS II: PLANTING AND CULTIVATING**

(CEV Multimedia)

Length: 25 minutes

*Appropriate for Junior High – Adult*

Viewers will learn to identify the major farm implements used by farmers for planting, drilling, seedbed preparation and cultivation of crops. Different planting methods are shown, including flat planting, bed or ridge planting, and furrow planting.

### **(132) FARM IMPLEMENTS III: PRE-HARVEST AND HARVEST**

(CEV Multimedia)

Length: 25 minutes

*Appropriate for Jr. High to Adult*

This video identifies preparation equipment and specialized harvesting equipment. Various types of combines are shown and discussed. Basic operation principles of combines, stripper, pickers, shredders, swathers and hay balers are illustrated.





**(133) SPRING IN NATURE**

(Altschul Group Corporation)

Length: 17 minutes

*Appropriate for Elementary*



This video shows why spring is a season of celebration. Spring is the time when the hibernators emerge and the migrators return. Animals that have survived the winter gorge themselves on the fresh spring grasses and shed their winter coats. The young of many animals are born and learn to take their first steps or flap their wings.



**(134) SUMMER IN NATURE**

(Altschul Group Corporation)

Length: 14 minutes

*Appropriate for Elementary*

Summer is a season when all can enjoy the gifts of the countryside. Young and old animals alike spend the weeks of summer feeding and resting. Newborn birds have learned to fly and have left their nests. People come from all over to enjoy rivers, forests and mountains.

**(135) AUTUMN IN NATURE**

(Altschul Group Corporation)

Length: 14 minutes

*Appropriate for Elementary*



Autumn is a time of preparation and anticipation. Animals begin to store their food or prepare to leave. Plants lose their leaves and enter a period of dormancy. Animals that remain active during the winter are at their heaviest, with thick coats.

**(136) WINTER IN NATURE**

(Altschul Group Corporation)

Length: 12 minutes

*Appropriate for Elementary*



Winter is a season of extremes. Trumpeter swans and bald eagles live along geyser fed rivers, while buffalo and elk struggle through deep snowdrifts. In this uniquely beautiful time, nature tests all living things, and only the fittest survive.

**(137) CHEMICAL REACTIONS AND AIR POLLUTION**

(Altschul Group Corporation)

Length: 20 minutes Release Date: 1994

*Appropriate for Junior High*



This program demonstrates chemical reactions by showing both simple and complex examples. Viewers learn the criteria that must be met for a chemical reaction to take place, and how burning the wrong fuel can create harmful pollutants. Includes a visit to a factory that is trying to create a smokeless fuel by burning the sulfur out of coal.

**(138) SHARING CARBON**

(Altschul Group Corporation)

Length: 20 minutes Release Date: 1992

*Appropriate for Grades 11 – 12*

This video shows how the movement of carbon and other elements throughout the global biosphere supports life. The biosphere's capacity to adjust to changes in the balance of nutrients is also explored.

**(139) THE REASONS FOR THE SEASONS**

(United Learning)

Length: 26 minutes Release Date: 1997

*Appropriate for Grades 3 – 5*

Students are shown the scientific principles responsible for our planet's yearly cycle of seasons. The tilt of the earth's axis and the planet's orbit around the sun are discussed. Other topics include the role leaves play in the survival of trees and plants, and the reason why leaves change colors as trees prepare for winter.



### **(140) THE GARBAGE STORY**

DEALING WITH SOLID WASTE DISPOSAL

(United Learning)

Length: 17 minutes      Release Date: 1996

*Appropriate for Grades 5 – 9*

Viewers visit state-of-the-art landfills, incinerators, compost and recycling facilities and learn how scientists and engineers are using the newest technology to deal with one of society's oldest problems. This video explores the health, social, environmental and economic issues involved in disposing of the over 200 million tons of trash we throw away each year.

### **(141) EROSION AND WEATHERING**

(United Learning)

Length: 25 minutes      Release Date: 1998

*Appropriate for Grades 5 – 9*

This video is divided into four major sections: physical weathering, chemical weathering, erosion, and soil formation. Examples include Yosemite Valley, Bryce Canyon and Grand Canyon.

### **(142) CLOUDS, WEATHER AND LIFE**

(United Learning)

Length: 12 minutes

*Appropriate for Grades K – 4*



This video is designed as an introduction to the hydrologic (water) cycle and to basic cloud identification. The program explains the important scientific concepts of weather. Lessons correspond directly with the National Science Education Standards.

### **(143) COLLECTION AND PRESERVATION OF INSECTS**

(CEV Multimedia)

Length: 23 minutes

*Appropriate for Older Elementary – Adult*

Use this video to learn how, why, where and when to collect insects. Viewers learn how to preserve specimens in alcohol, on slides, on pins, and learn how to utilize spreading boards. Necessary equipment is identified and safe and proper techniques are demonstrated.

**(144) WHERE ANIMALS LIVE**

(Altschul Group Corporation)

Length: 14 minutes Release Date: 1997

*Appropriate for Elementary – Junior High*



Viewers will learn about the array of shelters animals use and learn about the many factors that affect animal selection of shelters. In addition, viewers will learn about ecosystems, habitats and niches while seeing incredible wildlife footage.

**(145) FULL CIRCLE**

(Altschul Group Corporation)

Length: 26 minutes Release Date: 1991

*Appropriate for Grades 11 – 12*



Narrated by students, this program emphasizes the importance of recycling and reducing the amount of garbage being produced. The video examines schools that have set up recycling programs, and reviews environmentally-smart purchasing ideas.

**(146) TURN HERE SWEET CORN**

(Bullfrog Films)

Length: 38 minutes Release Date: 1990

*Appropriate for Grades 7 – Adult*



This video is a powerful and poetic documentary on the ecological, cultural and historical consequences of farmland and farm people giving way to urban sprawl.



**(147) THE AIR WE BREATHE**

(Bullfrog Films)

Length: 49 minutes Release Date: 1996

*Appropriate for Grades 7 – Adult*

An incisive look at how certain political choices and socio-cultural forces have led to the growing crises of air pollution. Looks at what steps certain cities are taking down the road for a cleaner transit system.



### **(148) WATER AND THE HUMAN SPIRIT (PART 1)**

(Bullfrog Films)

Length: 28 minutes Release Date: 1995

*Appropriate for Grades 7-Adult*

This program is designed to create a better understanding of the intricate factors affecting a water body. Viewers meet people from all walks of life who demonstrate a determination to do something to improve the water situation in their communities.

### **(149) WATER AND THE HUMAN SPIRIT (PART 2)**

(Bullfrog Films)

Length: 30 minutes Release Date: 1997

*Appropriate for Grades 7 – Adult*



In this second part of the series, viewers meet farmers who are using conservation practices to protect water quality and make their farms more profitable. As the producer of the film notes, "The best way to preserve our waterway is to claim the resource as our own and to take charge of it."

### **(150) GRASSLANDS**

(Bullfrog Films)

Length: 45 minutes Release Date: 1999

*Appropriate for Grades 7 – Adult*



This film examines the plants and animals that live in complex interdependency on the remaining tracts of native grasslands. Viewers also see how lessons learned from the dust bowl of the 1930s can provide valuable knowledge for modern, sustainable agriculture.



### **(151) CAREERS IN WILDLIFE MANAGEMENT**

(CEV Multimedia)

Length: 43 minutes Release Date: 1999

*Appropriate for Junior High – Adult*

A career in wildlife management involves the protection and preservation of wildlife for the enjoyment of future generations. Viewers learn the type of education, work experience and personal skills needed to begin this type of career. This film follows the work of a federal game warden, a state wildlife biologist, a manager of a rehabilitation center and others.

**(152) PESTICIDES IN AGRICULTURE**

(Visual Education Productions)

Length: 30 minutes Release Date: 1990

*Appropriate for High School – Adult*

This film will help viewers understand the issues surrounding the use of pesticides in agriculture. Historical methods of pest control as well as the environmental issues of the past three decades are examined. Candid interviews help expose the complexity of this issue.



**(153) THE GOOD EARTH**

(National Association of Conservation Districts)

Length: 5 minutes Release Date: 2000

*Appropriate for all ages*

This video is a five-minute odyssey that explores the visual wonders of our living planet. It's also a tribute to all of those who help care for it - those who have embraced the cause of conservation. An inspiring video you will want to see again and again.



**(154) AMERICA THE BOUNTIFUL PART II: LAND**

(CEV)

Length: 22 minutes

*Appropriate for Jr. High - High School*

Gives history of frontier settlement and the characteristics of what settlers looked for in land. Goes through the background of cotton and tobacco farming, on up to farming today.

**(155) WATER CONSERVATION IN THE HOME**

(CEV)

Length: 18 minutes

*Appropriate for all ages*

Teaches how to prevent wasting water in the home through several simple steps. Emphasizes why water conservation is so important. Quiz included.



**(156) SUBDIVIDE AND CONQUER:**

**A MODERN WESTERN**

(Bullfrog Films)

Length: 57 minutes

*Appropriate for High School - Adult*



Examines the impacts of suburban sprawl and how it is affecting our communities. Suggests remedies and shows examples of sound public policy and good land use planning (1999).

**(157) WESTERN FERTILIZER HANDBOOK SERIES - SOIL**

(CEV)

Length: 27 minutes

*Appropriate for all ages*

Helps in the understanding of soil being a vital growing medium. Explains the components of soil, factors in soil formation, features of soil, and soil properties.

**(158) GRASS IDENTIFICATION I**

(CEV Multimedia)

Length: 34 minutes

*Appropriate for Jr. High to Adult*



This video shows close-up views of 17 native grasses and gives characteristics, length of life, season of growth, origin, grazing value and reaction to abuse. Spelling and pronunciations of common and Latin names for each plant are provided. Collaborated by champion FFA range and pasture judging team coaches.

**(159) GRASS IDENTIFICATION II**

(CEV Multimedia)

Length: 29 minutes

*Appropriate for Jr. High to Adult*



This video is a continuation of part one, addressing an additional 17 grasses, giving characteristics, length of life, season of growth, origin, grazing value and reaction to abuse. Spelling and pronunciations of common and Latin names for each plant are provided. Collaborated by champion FFA range and pasture judging team coaches.

**(160) WASTE MANAGEMENT FOR A CHANGING ENVIRONMENT:  
"COMPOSTING"**

(EPA, TSSWCB, and Texas A&M University)

Length: 10 minutes (1998)

*Appropriate for High School to Adult*

Since Texas is a No-Discharge State, dairy producers must find effective ways to manage their farm's waste. This video explores the conversion of dairy manure safely and cost-effectively into value-added material for garden centers and nurseries.



**(161) TEXAS WILDLIFE CLINIC:  
PROMOTING WILDLIFE EDUCATION FOR FFA AND 4-H**

(Wildlife Alliance for Youth)

Length: 8:50 minutes

*Appropriate for High School to Adult*

This video shows segments from the Texas Wildlife Clinic, as participants receive instruction in career development, wildlife management, firearm safety, game laws, respect for private property rights, and wildlife plant identification. Through youth, education, and wildlife, strong ties are made with conservation and natural resources.

**(162) TRASH TO TREASURE:  
COMPOSTING FOR A BETTER ENVIRONMENT**

(EPA, TNRCC, TSSWCB, NRCS)

Length: 10:42 minutes

*Appropriate for Jr. High School to Adult*

Grass clippings are filling landfills, and we are running out of space! But composting grass clippings unites urban and rural communities for a mutual good. Results are less fertilizers and pesticides, increased organic matter in soil, less erosion, improved water quality, and much, much more!



**(163) FIELD TRIP: TREE FARM**

(CEV)

Length: 24 minutes

*Appropriate for Elementary to Adult*

Go on a different type of "farm" field trip to see how some of nature's most beautiful and useful natural resources are grown and harvested for commercial sale. At this modern tree farm, you'll watch selection, planting, digging, pruning, irrigation, commercial sales and shipping.



**(164) E HAZARDS: THEY'RE OUT THERE...**

(Environmental Protection Agency)

Length: 15:12 minutes

*Appropriate for Elementary to Jr. High School*

This children's video takes you through examples of environmental hazards which can harm children. Join agents Lana and Wolf as they track down E-hazards hidden in the most common places.

**(165) GRAZING MANAGEMENT: THE KEY TO TOTAL RANGE MANAGEMENT**

Length: 15 minutes

*Appropriate for Junior High-Adult*

The purpose of this video, produced by the Soil and Water Conservation Districts, is to look at benefits of a planned and applied grazing management program. Each program is different and is designed for the vegetation, livestock, wildlife, and farmer of each individual operation, and the improved profits that a total range management program offers the operation.



**(166) TEX·A·Syst: PART 1  
INTRODUCTION TO TEX·A·Syst  
(TAES)**

Length: 12 minutes

*Appropriate for High School to Adult*

Tex·A·Syst is a series to help rural residents assess the risk of ground water pollution, and to describe Best Management Practices that can help protect ground water. The Tex·A·Syst system is designed to help the user learn more about the environment, existing environmental policies and regulations, and recommended management practices for household and agricultural activities.

1.

**(167) TEX·A·Syst: PART 2  
PESTICIDES AND FERTILIZER STORAGE  
(TAES)**

Length: 10:30 minutes

*Appropriate for High School to Adult*

Pesticides and fertilizer play an important role in agriculture by increasing farm production and enabling farmers to manage more acres with less labor. Taking action to prevent contamination of ground water will help ensure that pesticides and fertilizers remain available for use. This video shows the importance of wise use and tips on how to correctly treat land.

2.

**(168) TEX·A·Syst: PART 3  
PETROLEUM PRODUCT STORAGE  
(TAES)**

Length: 7:55 minutes

*Appropriate for High School to Adult*

Storing liquid petroleum products above ground or underground presents a potential threat to public health and the environment. This video focuses on safe storage of gasoline, diesel, kerosene and liquid heating fuels and covers the following areas: storage tank location, tank design and installation, monitoring tanks and tank closure.

3.

**(169) TEX·A·Syst: PART 4  
HOUSEHOLD HAZARDOUS WASTE AND  
SEPTIC SYSTEM  
(TAES)**

4.

Length: 15:50 minutes

*Appropriate for High School to Adult*

Household wastes are a part of our everyday life, but there are responsible measures that we can take to improve the waste around our homes. This video illustrates the use and disposal of household waste, as well as different types of septic systems and how to maintain them.

**(170) TEX·A·Syst: PART 5  
LIVESTOCK WASTE MANAGEMENT  
(TAES)**

5.

Length: 10:17 minutes

*Appropriate for High School to Adult*

Improperly managed manure can contaminate both surface and ground water with nutrients and disease-causing organisms. Open lots or holding pens for feeding or holding livestock can be sources of ground water contamination. This video demonstrates the necessary steps to take to avoid water contamination by livestock.

**(171) TEX·A·Syst: PART 6  
WELL PLUGGING  
(TAES)**

6.

Length: 10:08

*Appropriate for High School to Adult*

This video defines what qualifies as an abandoned well, possible contaminants that could damage wells, problems associated with contaminated wells, and ways to fix the problem. Six steps to plugging a well are described in detail.

**(172) TEXAS AGRICULTURE: TOMORROW'S FUTURE TODAY**

(USDA/NRCS)

Length: 15:30

*Appropriate for 8th Grade to Adult*

The video is divided into six sections: Texas water and irrigation, cropland soils and rangeland, Texas wetlands, playas, and wildlife, Texas production agriculture, livestock, and conservation. Video summary, activities associated with the video, questions, and a study guide accompany this video.

**(173) IS THERE A BETTER WAY?**

(Soil Conservation Service / USDA)

Length: 6:57

*Appropriate for High School to Adult*

Everyone has something to offer when it comes to conservation. This video describes the history of soil and water conservation problems, and where we are headed into the future.

**(174) CONTINUOUS BERM MACHINE SET-UP**

(MBW, Inc.)

Length: 10:10

*Appropriate for Adult Audiences*

The importance of using best management practices (BMPs) is explained, as well as the effectiveness and efficiency of using berms to prevent soil and water erosion.

**(175) PECOS RIVER ECOSYSTEM PROJECT 2002**

(Texas Cooperative Extension, Texas Department of Agriculture, Upper Pecos SWCD)

Length: 15:04

*Appropriate for 8th Grade to Adult*



The Pecos River Ecosystem Project to eradicate Salt Cedar from the banks of the Pecos River is described. The danger of Salt Cedar trees include taking in much of the available water, causing the Pecos to go dry in areas, as well as causing an increased salinity in the river. Methods used to eradicate the Salt Cedar are described, as well as the success of the program.

**(176) COTTON: FROM FIELD TO FABRIC**

Length: 9:25

*Appropriate for 6th Grade to Adult*

This video describes the importance of cotton in our everyday lives. The cotton belt is identified, and best management practices for cotton crops are described, and their importance is noted. Growing seasons, harvesting machinery, and uses of cotton and cottonseed are described in detail.

**(177) NONPOINT SOURCE POLLUTION AND THE SOLDIER**

(Texas Army National Guard and the Texas State Soil and Water Conservation Board)

Length: 9:02

*Appropriate for 6th Grade to Adult*



The video targets the importance of conservation by military personnel, and the steps that are required by the National Guard to ensure that conservation occurs in the training environment. The video focuses on erosion, debris, and chemical runoff as the three main contributors to NPS pollution on training grounds.

**(178) POINTLESS POLLUTION: AMERICA'S WATER CRISIS**

Length: 10:40

*Appropriate for 4th Grade to Adult*

This video highlights the Colorado River and Lake Travis areas, and focuses on nonpoint source pollution and the effect it has on our drinking water. Programs such as the Riverwatch Network and Hazardous Household Waste Collection Days are highlighted.

**(179) FACES OF THE FUTURE**

Length: 5 minutes

*Appropriate for Kindergarten to Adult*

Kids do, in fact, say the darndest things. But sometimes, what they say can really make us stop and think about their future and the Earth they will someday inherit. This video features entertaining responses from first graders on questions about conservation. An excellent way to get your audience involved and started on the right note for any event.

**(180) ALL THINGS ARE CONNECTED**

Length: 12:36 minutes

*Appropriate for Grade 3 to Adult*

This video is an adaptation of the legendary 1854 speech by Chief Seattle of the Suquamish tribe. A video full of beautiful nature scenes, the eloquent speech talks about people's relationship to the natural world and Native American land ethics.

**(181) PRODUCTION AGRICULTURE: FEEDING PEOPLE WHILE PROTECTING THE ENVIRONMENT**

Length: 10 minutes

*Appropriate for Grade 3 to Adult*

This video coincides with the 2003 Soil Stewardship theme "Food for the Future". It explains how everyone can do their own part to ensure that there is enough food for future generations.

**(182) CAREERS: AGRICULTURAL PRODUCERS**

Length: 31 minutes

*Appropriate for Grade 7 to Adult*



Students may be surprised to learn about some of the numerous jobs listed under the general heading of "agricultural producer". The video outlines employment opportunities, necessary skills/degrees required, and average salaries for several general careers. Interviews with a vegetable producer, cotton producers, livestock producers, and a spur maker spark interest as they highlight what drew them into their specific careers.

**(183) MY FATHER'S GARDEN**

(1995)

Length: 56 minutes

*Appropriate for Grade 7 to Adult*

This documentary tells about the use and misuse of technology on the American farm. In less than fifty years, the face of agriculture has been utterly transformed by synthetic chemicals which have had a serious impact on the environment and on the health of farm families. This film tells the story of two farmers, different in all details, yet united by their common goal of producing healthy food.

**(184) ON NATURE'S TERMS**

(2001)

Length: 25 minutes

*Appropriate for Grade 7 to Adult*

This film advocates the protection of predators and ecosystems, using dramatic footage and inspirational stories to show how ordinary citizens in both rural and urban America are doing their part to coexist in harmony with predators. The film chronicles how age old myths (some of which still exist) have devastated predator populations and brought many near to extinction as settlers made their way west.

**(185) ENVIRONMENTAL MANAGEMENT GUIDE FOR FEEDLOTS AND DAIRIES**

Length: 20 minutes

*Appropriate for High School to Adult*



Narrated by cowboy poet Baxter Black, this video is designed to help cattle feeders and dairymen better manage their environmental liabilities and keep pace with ever-changing livestock regulations. This video focuses on environmental rules and other issues that affect Concentrated Animal Feeding Operations (CAFOs) in an easy to understand format.

**(186) AFTER THE STORM**

Length: 22 minutes

*Appropriate for High School to Adult*

All across America, people live, work and play in watersheds, without knowing it. As this video shows, protecting the nation's water resources will take the awareness and effort of individual citizens. Three case studies focus on the interconnections between water supply, water quality, and the economic vitality and quality of life in our community.

**(187) SOIL SURVEYS - WHAT'S IN IT FOR ME?**

Length: 10 minutes

*Appropriate for High School to Adult*

This video examines the nine different types of soils found in Texas. It shows the importance of soil surveys and how they can benefit in determining the soil type in your area.

**(188) THE CHEESEBURGER**

Length: 15 minutes

*Appropriate for Middle School to Adult*

When it comes to America's favorite sandwich, there is more than meets the eye. Join us as we visit farms, fields and markets to trace the origins of the key ingredients in a cheeseburger.

**(189) FIELD TRIP: DAIRY FARM**

Length: 28 minutes

*Appropriate for High School to Adult*



This is not your usual "hot we get our milk and cheese" field trip. Shot on location at a model dairy farm, the program focuses on dairy cattle management and milk production.

**(190) DISEASE: MAD COW & FOOT & MOUTH**

Length: 27 minutes

*Appropriate for High School to Adult*

Top authorities across the US explain the nature of Foot & Mouth Disease & the mysterious agent carrying Mad Cow. Topics include the potential for human fatality, signs & symptoms, security measures preventing these diseases and other topics.

**(191) DESTROYING THE MYTH**

Length: 10 minutes

*Appropriate for High School to Adult*

This video describes the role that trapping plays in wildlife management with humane techniques and practices.

**(192) BALANCING NATURE: TRAPPING IN TODAY'S WORLD**

Length: 28 minutes

*Appropriate for High School to Adult*

This video describes the role that trapping plays in wildlife management with humane techniques and practices.



**(193) WATER: FOR THE LIFE OF TEXAS**

Length: 23 minutes

*Appropriate for Middle School to Adult*

This video examines Texas' water planning process and the long-lasting impacts the state's water management decisions have on our economy.

**(195) FANTASTIC JOURNEY TO THE FARM**

Length: 35 minutes

*Appropriate for K-4th Grade*



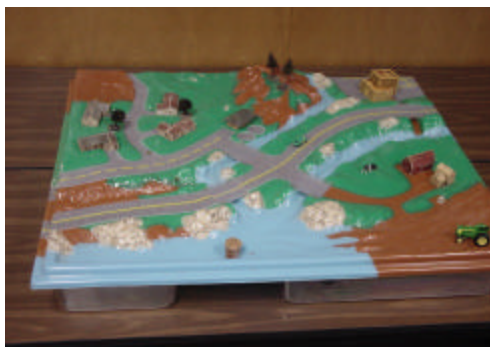
In this video, you'll ride tractors and combines with farmers as they plow, plant and harvest. You'll feed a baby calf, see a modern dairy farm and gather warm eggs from the hen house.

## MODELS ALSO AVAILABLE

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**GROUNDWATER FLOW MODEL**—Shows a cross section of soil layers with a lake, a lagoon, and several wells represented. Uses a vacuum pump and injection dyes to demonstrate the flow of groundwater through soil and show how pollutants can travel in groundwater. Accompanied by an instructional video with tips on the setup, presentation and clean-up.

**NPS (WATERSHED FLOW) MODEL**—A hands-on model that allows students to understand how water sources can become polluted from non-point source. The plastic structure has industrial, undeveloped, agricultural, residential and roadway components, complete with individual houses, trees, cars, tractors, and cows. When “rain” falls on the model, runoff carries “pollution” into the city lake.



THE MODELS ARE AVAILABLE FOR LOAN AT NO CHARGE.  
THE BORROWER IS RESPONSIBLE FOR ALL SHIPPING FEES.

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# Notes

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