

AUDIO-VIDEO PROGRAM

by

HARDIN SOIL CONSERVATION DISTRICT

VIDEO TAPE PROGRAM

TITLE - " A LOOK AT SOIL CONSERVATION IN HARDIN COUNTY "

PRODUCED - July, 1973 by Hardin Soil Conservation District
Commissioners and Staff

TIME - 27 Minutes

EQUIPMENT - VTR Model $\frac{1}{2}$ " EIAJ-1 Standard, BW

This program explains how a soil conservation district works and some of the district's many activities.

The program starts by introducing the district staff, a view of the soil conservation office in Eldora and information about the Hardin Soil Conservation District. Next, the camera moves to the farm to see soil and water conservation practices on the land. Some of the conservation practices viewed and explained by district commissioners, landowners or operators are conservation tillage methods, parallel terraces, a pond, a tiling machine in action, grassed waterway, strip cropping and an anaerobic lagoon to handle livestock wastes. A soil and water conservation plan for a farm is explained. An urban district commissioner views how the soil conservation district can help cities and towns. The final comments describe what a soil conservation district can do in the future to continue a good soil saving program.

All Iowa counties have a soil conservation district office, five district commissioners and a staff.

AUDIO - VIDEO EQUIPMENT

CAMERA -

1. Records sound electrically on tape - Audio.
2. Records picture electrically on tape - Video.
3. Portable.
4. Operates inside (normal lighting) and outside.
5. Zoom lens.
6. Semi-automatic focus.

PLAYBACK VIDEO TAPE RECORDERS (VTR) -

1. Holds video tape.
2. Connected TV Monitor.
3. Plays video tape.

TELEVISION MONITOR -

1. Connected to Playback VTR.
2. Sound control - Audio.
3. Picture control - Video.

VIDEO TAPE -

A magnetic tape on which electric video and audio impulses are recorded for later playback on a television monitor.

VTR MODEL $\frac{1}{2}$ " EIAJ-1 STANDARD, BW

VTR Model - Video Tape Recorder Model.

$\frac{1}{2}$ " - Tape width in inches.

EIAJ-1 Standard - Standard equipment like 35MM film.

BW - Black and White film.

USE AUDIO - VIDEO EQUIPMENT

TO -

1. Show relationship of one idea to another.
2. Build continuity of thought.
3. Create a dramatic impact.
4. Compress time.

SUGGESTED PROGRAMS -

1. Show district program and activities.
2. Show how a watershed is started and works.
3. Training sessions, one activity, such as terrace construction, etc.
4. Explain a standard soil survey.

HOW DID IT HAPPEN

This video tape program was made to be shown during the three-day Hardin County Fair at the Hardin Soil Conservation District booth. The theme of the fair was "Agriculture - Conservation - Recreation".

The audio-video equipment to make this tape was leased from the Pine Lake Audio-Video Service, Eldora, Iowa.

The camera was completely portable. It operated two hours on rechargeable batteries. A portable camera allows pictures to be taken anywhere. Pictures were taken indoors with normal lighting and outdoors with the same camera at a different iris setting. The camera's zoom lens added variety and helped show detail.

The camera was focused for distance and the iris was set before each scene was taken. The picture you were taking could be seen through the camera before it was taken and while the scene was taken. Both the picture and sound were recorded electrically on tape while the camera was operating. Once a scene was completed, the scene could be viewed and heard by reversing the tape. The picture was seen on a two-inch TV screen in the camera and heard on an ear plug. The scene could then be retaken if you did not like what you heard or saw. The tape was erased electrically as the scene was retaken.

A detailed program schedule was prepared before any scenes were taken. The schedule included the sequence of scenes to tell the story, a script that outlined what was to be said including questions to be asked and a firm time for each scene. The persons that were interviewed were visited several days ahead of shooting and were given a list of questions that they would be asked. The answers were their own.

The outdoor scenes were visited before any scenes were taken to make sure the area would help with the story. The action scenes are the best.

Most public schools, community colleges, and area media centers have audio-video equipment. The camera may not be portable at the public school level, but community colleges that have a football team will have a portable camera. Some community colleges will loan their camera when they are not in use.

The Hardin Soil Conservation District video tape program will be available for use by all classes fifth grade and above including FFA classes, conservation classes, science classes and others. The tape will be available to the Marshalltown Area Media Center. Good quality video tape copies can be made from the original tape.

