



ANNUAL REPORT of the Hoke Soil and Water Conservation District

FISCAL YEAR 1982

The Hoke Soil and Water Conservation District is a Subdivision of State Government. It is responsible for the overall soil and water conservation program in Hoke County and is governed by a board of Supervisors pictured below.

THE DISTRICT BOARD HAS INITIATED AND ENCOURAGED EVENTS AND ACCOMPLISHMENTS LISTED BELOW:

- Submitted 16 articles to *The News-Journal*
- Distributed 1,000 programs and 500 inserts to local churches in observance of Soil Stewardship Week
- Initiated weekly radio program on WSHB
- Published 500 copies of Long Rang Plan for distribution
- Held 9 regular monthly meetings
- Published Fiscal year 1981 Annual Report in *The News-Journal*
- Distributed 330 cartoon booklets to elementary school
- Distributed 3,000 loblolly and 3,000 longleaf pine trees to local landowners
- Sponsored student to attend Resource Conservation Workshop
- Sponsored Poster Contest in grammar and elementary schools
- Installed over 130,000 feet of corrugated plastic drain tile for "subirrigation"
- Handled 13 fish applications and 5 applications for wildlife seed
- Distributed list of materials available from District to local schools
- Assisted grammar school students with nature trail hikes and discussion of outdoor classrooms



D.R. HUFF, JR.
Chairman



BOBBY STROTHER
Vice Chairman



JULIAN BUTLER
Secretary/Treasurer



JIMMY MAXWELL
Member



KENNETH HENDRIX
Member

Soil and Water Resource Report

Accomplishments	Amount
New Conservation District Co-operators	4 @ 527 acres
Individuals and Groups Assisted	211
Technical Services Provided to Landowners	334
Individuals and Groups Applying Practices	91
Government Agencies Assisted	7
Conservation Plans Prepared	2446 acres
Conservation Plans Revised	864 acres
No-till Farming	748 acres
Critical Area Planting	32 acres
Cover Crop	546 acres
Diversion	2900 feet
Ponds Constructed to Specifications	2
Field Border	15,750 feet
Fishpond Management	11
Pasture and Hayland Management	11 acres
Pasture and Hayland Planting	13 acres
Subsurface Drainage	131,276 feet
Surface Drainage	8100 feet
Cropland Benefitted by Applying Practices	3716 acres
Cropland Adequately Treated	1620 acres

ACP Summary

Oct. 1, 1981 - Sept. 30, 1982

PRACTICE	UNITS	ASSISTANCE
SL 1 Permanent Vegetative Cover Establishment	18.0 Acres	\$804.00
SL 5 Diversion	2900 Ft.	\$870.00
SL 8 Cropland Protective Cover	1890 Ft.	\$7563.00
SL 11 Permanent Vegetative Cover on Critical Area	16.3 Acres	\$3541.00
SL 15 No Till Systems	510.0 Acres	\$9100.00

FIP SUMMARY

FP 1 Planting Trees	94 Acres	\$2815
FP 2 Improving A Stand of Forest Trees	15.0	\$92



13 fish applications were taken this year, most of which consisted of bass, bream and catfish. Applications for fish should be made by the end of September to be assured of your fish delivery in the fall.



Note clean alleys between no-till corn rows on John Gillis farm. John plants on top of previous years' soybean row without any cultivation.



Pam Kellerman, daughter of Mr. and Mrs. Roll Kellerman of Lumber Bridge represented Hoke District at the Resource Conservation Workshop held at N.C. State University in Raleigh. Each year one student is selected to attend.



Drastic demonstration of crop damages due to erosion. Note the sparse soybeans on eroded slopes and their succulent growth in the flat bottom area on right on farm just southwest of Raeford.



Laser operated drain tile machine can install 100 ft. of tile per minute. This past March, this machine alone installed 131,276 ft. on Hoke County farms.



This 3000 ft. long diversion prevents crop land erosion on Kenneth Hendrix farm. Brown-top millet (resembles Johnson-grass) was drilled with Bahia-grass to provide wildlife benefit as well as to protect the diversion.



Bahia grass is a hearty erosion control grass on sandy soils. Bahia is preventing silt and gully erosion around John W. King pond near Ashley Heights.



Omer Register has had several years of success with no-till soybeans on his farm near Rockfish. This is an excellent way to conserve moisture, fuel, expenses, as well as soil.



Leslie Adams, daughter of Mr. and Mrs. George Adams of Raeford, and South Hoke Student of Mrs. Darlene Clark, was selected as the 4th grade Poster Contest winner.

Forest Resources

By: Jim Schlenker, Service Forester

Accomplishments	Number
Landowners receiving cost-share assistance for tree planting program	6
Land examined for forest management recommendations	240 acres
Land planted to loblolly or longleaf pine	168 acres
Land burned during winter to prepare for 1003 acres natural reseeding and provide fire protection	
Wildfires	115
Land burned by wildfires	983 acres

Assistance provided without regard to race, sex, age or national origin.

Sponsored By The Following Businesses Who Support Our Conservation District

**SOUTHEAST
PRODUCTION CREDIT
ASSOCIATION**

700 HARRIS AVE.

Raeferd Farm Supply

Jimmy Warner - Owner

**UNITED
CAROLINA
BANK**

RAEFORD, N.C.

Dundarrach Trading Co.

Dundarrach, N.C.

Avery Connell Agency, Inc.

Real Estate - Insurance

**Federal Land Bank
of Lumberton**

700 Harris Ave., Raeford, NC 28376

**PARKER
EQUIPMENT CO.** SALES OFFICE
LAURINBURG, N.C.
919-276-8396

SERVICE CENTER
(BETWEEN LUMBER BRIDGE AND DUNDARRACH)
HWY. 20 WEST PHONE: 919-875-5224
LUMBER BRIDGE, N.C.

The Johnson Co.

Raeford, N.C.