

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS  
AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS AND UNITED  
STATES DEPARTMENT OF AGRICULTURE COOPERATING

Extension Service  
County Agent Work

PLAN OF WORK

1951

County Agricultural Agents

District Northern

County Nacogdoches

Charlie Mayes Jr.  
*County Agricultural Agent*

*Assistant County Agricultural Agent*

Send 2 copies of this Plan of Work  
to your District Agent

1951

Plan of Work

District Northern

County Nacogdoches

Agricultural, Economic and Social Situation

Nacogdoches County is situated in the Eastern part of the State, commonly called the East Texas Piney wood area. There are 616,320 acres of land in the county, about 130,724 acres of crop land, 266,304 acres of open pasture and 200,000 acres of timber and waste land.

The county is ideally suited to livestock and truck farming, its small fields and rolling topography make ~~it~~ unsuitable for large scale cotton and grain farming. In the past five years dairying has come into its own, and a large percentage of its income is derived from this source, one of the main reasons being that the land is too poor and hilly to produce good crops and the expense to extensive fertilizing does not pay.

A large percent of the county income is derived from timber though only a very small percentage for the farmer, though it does help a lot in the off season to supplement his income working in the numerous saw mills situated throughout the county.

The large number of tenants in the county operating a unit too small to provide an adequate standard of living is one of the major problems of the county. Truck farming is being looked upon with more interest than previous years. Tomatoes, watermelons and cucumbers provide a large source of the income from the farm this year. The growing of fall crops is gradually coming into being, but it is hard to get the farmer to do just as it is for him to change over to modern equipment and improved methods

of farming. Poultry raising is being viewed with considerable interest and some are being marketed but not enough to make it a major competitor for the source of all farm income.

There are three veteran classes in the county and this will do much in bringing about more modern practices and give way for more demonstrations. The outlook for 1951 is very bright, though the county has a long way to go before reaching economic stability.

1950  
Plan of Work

District Northern  
County Nacogdoches

Swine Production

Problems in swine production

- (a) Selection of breeding stock
- (b) Feeding
- (c) Breeding
- (d) Disease control

Solution to problems in swine production.

Select high quality animals for breeding purpose  
Provide green pastures and self feeders for growing animals  
Recommend and encourage community cooperative breeding circle  
Teach farmers control measures in disease and insect pest

Goals: Conduct four demonstrations with adults and four with 4-H Club boys in swine production in each community organized .

Poultry Production

Problems in poultry production

- (a) Selection of breeding stock
- (b) Breeding
- (c) Feeding
- (d) Housing
- (e) Control of disease and insect pest (Internal and external)

Solution to problems in poultry production.

Select breed adapted for home use  
Select best birds for breeding purpose  
Provide green pasture (sow/oats) and balanced ration for flock  
Build house recommended by Texas A. and M. poultry department  
Use recommended adapted practice in control measures of insect pest and disease.

Goals: Conduct two Result demonstrations with adults and two with 4-H Club boys in each community organized.

1951

District Northern  
County Nacogdoches

Plan of Work

Dairy Cattle- Home Dairying

Problems in Home Dairying.

- (a) Selection of breed of cattle
- (b) Breeding
- (c) Feeding
- (d) Housing
- (e) Control of disease and insect pest. (Internal and external)

Solution to problems in Home Dairying

Select breed of cattle most commonly grown in your county  
Encourage cooperative breeding circle in the county  
Encourage temporary and permanent pasture improvement with home grown feed as far as may be found practical  
Teach farm groups the importance of housing the dairy cow  
Give result demonstrations in disease and insect pest control.

Goals: Conduct two result adult demonstrations in each community organized in each of the activities mentioned above in Home Dairying.

Beef Cattle Production.

Problems in Beef Cattle Production.

- (a) Selection of breed of cattle
- (b) Breeding the beef cattle
- (c) Feeding the beef cattle
- (d) Disease and insect pest control of the beef cattle

Solution to problems in beef cattle production.

Use breed of cattle most commonly grown in your county.  
Select the best animals for breeding purpose  
Provide temporary and permanent pastures with home grown feed.  
Give result demonstrations in disease and insect pest control.

Goals: Conduct result (two) demonstrations in each community organized with adults in beef cattle production.

1951  
Plan of Work

District Northern  
County Nacogdoches

Pasture Improvement

Problem in Pasture Improvement

- (a) Select pasture site
- (b) Select grasses and clovers
- (c) Select fertilizers
- (d) Provide adequate water and shade.

Solutions to problems in pasture improvement.

Select land for pasture well drained and fertile.

Select adapted grasses and clovers for your nature of land.

Use method of liming and use an average of 200 pounds of super phosphate for stimulating the growth of grass and clover.

Provide an adequate supply of water by digging a pond where running water is not available, and ample shade for herd.

Goals: Give two adult result demonstrations in each of the activities mentioned above in beef cattle production in each community organized for adults and 4-H Club boys as far as may be found practical.

Soil Conservation

Problems in soil conservation.

- (a) Land does not yield enough to warrant cultivation
- (b) Poor measures adapted in soil conservation
- (c) Poor knowledge of crop rotation and diversification.
- (d) Lack of terracing equipment.

Solution to problems in soil conservation.

Plant legumes and cover crop on poor land, inoculate seed before planting and fertilize.

Follow measures adapted by Soil Conservation District.

Use recommended procedure of crop rotation and diversification

Cooperate with County Commissioners in securing equipment for constructing terraces.

1951  
Plan of Work

District Northern  
County Nacogdoches

Goals : Give method and result demonstrations in each of the activities mentioned above and cooperate with the Soil Conservation District in the county, following improved practice recommended by the Texas A. and M. System in soil conservation practice.

PLAN OF WORK - 1951

Nacogdoches County

\*RESULT DEMONSTRATIONS PLANNED

	ADULT	4-H CLUB	CHECK IF SPECIALIST HELP NEEDED
Farm Management	2		
Terracing	2		
Contouring			
Drainage			
Sub-Irrigated Gardens			
Gin Work			
Trench Silos			
Dairy	1		
Sheep and Goats	1		
Beef Cattle	3	3	
Swine	4	1	
Poultry	2	3	
Turkey	1	1	
Meat	1	1	
Cotton	2	2	
Corn	3	1	
Grain Sorghum	3		
Small Grain	2		
Alfalfa		1	
Peanuts	1		
Other Legumes	1	1	
Pastures	2		
Irish Potatoes	1		
Sweet Potatoes	1	1	
Horticulture			
Entomology	1		
Forestry			
Wildlife			
Rodent Control			
Agricultural Chemistry			
Soil Improvement	1		
Others (Name)			
TOTALS:	35	18	

\*Your attention is called to the definition of a result demonstration on the back of your ES-21.



PLAN OF WORK - 1951

Nacogdoches County

MEMBERS OF COUNTY AGRICULTURAL COUNCIL WHO ASSISTED IN MAKING THIS PLAN OF WORK

<u>Name</u>	<u>Address</u>	<u>Name</u>	<u>Address</u>
R. D. Russaw	Star Rt.	E. Jones	Redland
Joe Finley	Douglas	E. W. Friley	Redland
Artis Smith	Sand Ridge	J. Sutton	Trawick
Eli Johnson	Appleby	Ed. Coleman	Pine Flat
John Mills	Appleby	Ed Bowen	Nat
B. Flowers	Chereno	F. Scott	Douglas
Ed Wade	Eden	J. C. Johnson	Appleby
J. Y. Roberts	Sowl	A. Whith	Sand Ridge
F. Smith	Meleose	Marcus Watson	Cushing
June Harris	Pine Flat	Albert Davis	Rt. 2

OFFICIALS IN OFFICE JANUARY 1, 1951

	<u>Name</u>	<u>Address</u>
County Judge	A. W. Bell	Nacogdoches, Tex
Commissioner	B. M. Matlock	Nacogdoches, Tex
Commissioner	M. D. Shofner	Douglas, Tex
Commissioner	O. C. Coats	Garrison, Tex
Commissioner	O. Pete Bass	Martinville, Tex
Congressman	Tom Pickett	Palatine, Tex
State Senator	Odis Locke	Huffman, Tex
State Representative	James Morton Jr.	Nacogdoches, Tex
COUNTY TAX VALUATION	14,090,700	COUNTY TAX RATE \$ .70
What are your regular court meeting dates other than second Monday	None	

PORTION OF COUNTY TAX RATE APPLIED TO GENERAL FUND \$ .19