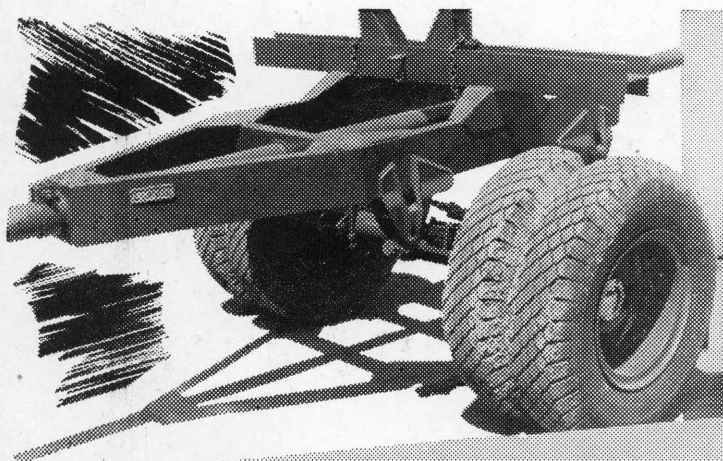
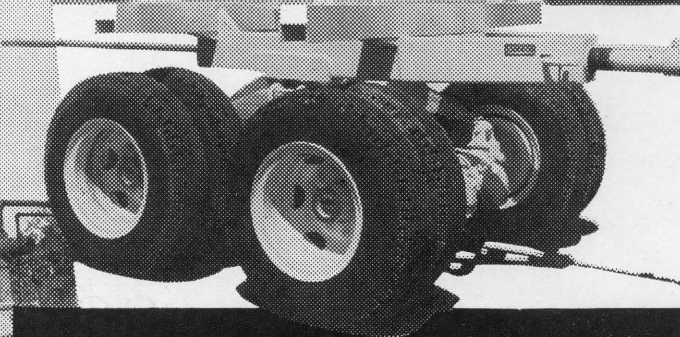


Texas
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FOREST FESTIVAL



SEPTEMBER 22-27, 1952
LUFKIN



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1952

Texas Forest Festival Catalog and Information

An Official Publication of the Angelina
County Chamber of Commerce, Lufkin, Texas

HERMAN BROWN

Editor

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Publicity Committee

MRS. ERNEST LYNCH

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CONTENTS

	Page
Agriculture Experiment Station Is Field Laboratory In East Texas	18
Angelina County Broiler Industry	16
Art Show	5
Beef Cattle Show	10
Club Steer Show	7
Dairy Show	9
Festival Committees	3- 5
Forestry Exhibits	13-14
4-H and F. H. A. Girls	12
Home Demonstration	12
Livestock Show, General Rules	6
Lumbermen's Day Contests	19
Officers, Directors Angelina County Chamber of Commerce	2
Program of Events	20-21
Pasture Development In Angelina County, By Chester Davis, County Agent	32
Special Swine Show	8
Swine Show	8
Tree Improvement Research, By Dr. Bruce Zobel, Texas Forest Service	27
Welcome Neighbor, National Forest Service Article, By Carl G. Krueger	35

COVER PICTURE

The scene for the front cover is at the main entrance to the Texas Forest Festival. The log truck is from the forests of the Angelina County Lumber Company at Keltys, Texas.

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ART SHOW

ARTHUR BRESIE, Chairman

General Rules

Pictures in oil, water color, pastel and other mediums will be eligible for premiums.

Competition in this department is open to citizens of Angelina County and adjoining counties.

No premiums will be awarded where the exhibit is unworthy.

All art entries must be brought to General Exhibits Building Forest Festival Grounds, Lufkin, Saturday, September 20, between the hours of 8:00 a. m., and 12:00 noon.

All art work must be framed. All frames must be wired for hanging.

The Chairman reserves the right to limit the number of exhibits to be displayed by any one individual.

All exhibits must remain in place until 9:30 p. m., Saturday, September 27. Many festival visitors visit the fair for the first time Saturday night, and it is desirable to leave the exhibits intact as long as possible.

Open Classification

Awards: First, second, and third place ribbons in each open class.

Class 1: Oil, any subject matter.

Class 2: Water color, any subject matter.

Class 3: Other media, charcoal, pastel, tepera, pencil or ink sketches, etc.

Prizes: Best in show, any class: (both divisions):
First \$75.00; Second \$50.00; Third \$25.00.

Junior Division

Students—8-12 years.

Class 1—Any Media, any subject matter.

Students—13-16 years.

Class 2—Any media, any subject matter.

Prizes: First \$1.00; Second \$.50; Third—Ribbon.

NOTE: Art Exhibits should be picked up at 9:30 p. m., Saturday, Septmber 27. However, if this is not possible, owners may secure same on Sunday, September 28 between 10:00 a. m., and 12:00 noon.

LIVESTOCK SHOW

O. L. HUBBARD, General Chairman

General Rules

1. All entries and awards in this department shall be subject to the General Rules and Regulations published in this premium list.

2. In cases where there is only one exhibitor and no competition the judges shall make awards, giving first, second or third in accordance with the standards of quality that should apply.

3. The eligibility and fitness of all animals entered for competition and show purposes will be passed upon by a specially appointed committee, to be known as the "Sifting Committee"; and such animals as in their judgment are not qualified or properly fitted to be shown will be removed.

4. All applications for entry must be made on an official entry blank, and filed in the Chamber of Commerce Office not later than September 17, 1952.

5. Rules of the Livestock Sanitary Commission of Texas governing livestock for Exhibit purposes shall apply to all livestock exhibits at the show.

6. Certificate that all dairy animals to be shown have been tested for Bangs within 30 days from show date is required, or have attached to the entry blank a vaccination certificate.

7. Each entry must be made on a separate entry blank.

8. In breeding classes, all female animals 42 months of age or more must have produced a calf to maturity within the past eighteen months to be eligible to show. Any bull over thirty-six months old that has not dropped to his service a living calf during the twelve months preceding the opening day of the Festival, shall be deemed barren and as such shall be excluded from competition.

9. Each exhibitor will be held responsible for feed and the feeding of his livestock during the week of the Festival.

10. Each exhibitor must be present to show his animal at the time specified for the judging. If he is not present the animal will not be judged and no premium will be given.

11. No exhibitor may interfere with the judges nor dispute the judges decisions. If he does he will be barred from competing for prizes, and be required to remove his exhibit from the grounds at once.

Every animal entered for competition or occupying space or stalls on the grounds shall be under the control of the director in charge.

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CLUB STEER SHOW

4-H and FFA Boys

HERMAN BATE, Chairman

J. F. Burris, Earl Medford, Allen Sturroch, Hayne E. Daniel

The Junior Beef Show will be held Monday through Saturday, September 22-27. All entries must be received on Festival Grounds not later than 1:00 p.m. Monday, September 22.

The Junior Beef Show is for Angelina County Boys only.

Auction Sale will be held at 2:00 p.m. Saturday, September 27. Calves will be bought at auction. Price will be determined on grade and quality of calf. Boy does not have to sell calf at auction but must decide by Wednesday, September 24 whether or not he will put calf in sale ring.

Winners in each weight division will compete for the Grand Champion Award.

Each boy exhibiting will receive \$40 prize money. Steers must grade "Good" or better to be eligible.

Classes and Awards

700 Lbs. and Under		701 Lbs. and Over	
First	Ribbon	First	Ribbon
Second	Ribbon	Second	Ribbon
Third	Ribbon	Third	Ribbon

Six winners will compete for Grand Champion as follows:

Grand Champion	\$60 extra and Rosette
Reserve Champion	\$40 extra Reserve Rosette

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SWINE SHOW

J. C. THOMPSON, Chairman; BILLY JO IRWIN

BREEDS: Poland China—Duroc—OIC

Judging will be held for the Swine Show at 9:00 a. m., Wednesday, September 26.
Class No.

BOARS

1. Boar under 9 months
2. Boar 6 to 12 months
3. Boar 12 months and over

GILTS

4. Gilt under 6 months
5. Gilt 6 to 12 months
6. Gilt 12 months and over
7. Registered Sow and Litter (All Breeds)

AWARDS

First	\$10.00	Third	4.00
Second	7.00	Fourth	2.00

Special Swine Show

Note: The Angelina County Registered Swine Breeders Association though not now active is providing funds as scheduled below for a special swine division. Whether or not this type of division will be continued will be dependent on the cooperation of Breeders in exhibiting under the rules and conditions as herein published.

MARKET BARROW CLASS

B. J. TOMPLAITT, Zavalla, Chairman

RULES

1. An exhibitor may enter as many singles or pen of 3 Barrows as he desires. However, Barrows entered as singles cannot be entered in pen of 3 Barrows class and Barrows entered in pen of 3 Barrows class cannot be entered in single Barrow competition.

2. Exhibitors entering Barrow competition must agree to sell to highest bidders all hogs entered in Barrow competition, with the Market Barrow Exhibit Committee to retain 5% of sale price for the purpose of perpetuating this Market Barrow Show as an annual event.

3. Sick or diseased swine will not be accepted for exhibit.

4. Entries may be of any recognized breed or cross breed swine.

5. Weights of Barrows must be in the range of 190 to 220 pounds on the hoof.

6. The Committee reserves the right to limit pen space in the event exhibitors are too numerous for each exhibitor to show several groups of animals.

7. Barrows required to be brought in by Monday, September 22. Judging and sale will be held on Wednesday, September 24.

PRIZES

Single Barrow Class		Pen of Three Barrows	
1st	\$25.00	1st	\$25.00
2nd	15.00	2nd	15.00
3rd	10.00	3rd	10.00
4th	Ribbon	4th	Ribbon

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DAIRY SHOW

CHESTER DAVIS, Chairman
EULEN BERRY
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Junior Division

Junior Dairy Show animals must be in the barns by 1:00 p. m., September 22. The Junior Dairy Show will be held September 24-27.

Judging date will be Wednesday, 10:00 a. m., September 24.

Junior Dairy Show will be judged on the classification system, scored against 100 points as a perfect animal. Animals will be judged and classified as follows:

CLASS

A+	Purple Ribbon—Animals classed "excellent" and scoring 90 points or above	\$15.00
A	Blue Ribbon—Animals classed "very good" and scoring 85 to 90 points	12.00
B	Red Ribbon—Animals classed "good plus" and scoring 80 to 85 points	9.00
C	White Ribbon—Animals classed "good" and scoring 75 to 80 points	6.00
D	Pink Ribbon—Animals classed "fair" and scoring 70 to 75 points	3.00
E	No Ribbon—Animals classed "poor". Best Female—Purple Rosette. Best Bull—Purple Rosette.	

Animals to remain in barns until 8:00 p. m., Saturday, September 27.

Females		Males	
Class No.		Class No.	
1.	6 mo. to 1 yr. of age	5.	6 mo. to 1 yr. of age
2.	1 yr. to 2 yr. of age	6.	1 yr. to 2 yr. of age
3.	2 yr. to 3 yr. of age	7.	2 yr. to 3 yr. of age
4.	3 yr. and over	8.	3 yr. and over

Senior Division

BREEDS: Jerseys—Guernseys

Open or Senior Dairy Show dates, Sept. 22-29. Cattle to be in barns by 1:00 p. m., Sept. 22.

Judging will be 10:00 a. m. Tuesday, Sept. 23. Animals to remain in barns until 8:00 p. m. Sept. 27.

General Rules applying to Dairying Animals will be enforced.

FEMALES		MALES	
Class No.			
1.—	6 mo.-1 yr. of age	5.—	6 mo.-1 yr. of age.
2.—	1 yr.-2 yr. of age	6.—	1 yr.-2 yr. of age
3.—	2 yr.-3 yr. of age	7.—	2 yr.-3 yr. of age.
4.—	3 yr.- and over.	8.—	3 yr.- and over.

AWARDS

First	\$15.00	Third	\$9.00
Second	12.00	Fourth	6.00

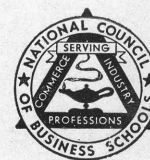
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BEEF CATTLE SHOW

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BREEDS: Hereford—Brahman—Black Angus—Cross Breeds

Cross breed must be acceptable to committee in charge.

The Beef Cattle Show will be held Monday through Saturday, September 22-27, 1952.

Beef Show entries must be received at the Festival grounds not later than 1:00 p. m., September 22. Animals should be left in the livestock barns until 8:00 p. m. Saturday, September 27.

Judging will start at 7 p. m., Wednesday, September 24.

Class No.

FEMALES	MALES
1. 6 mo. — 1 yr. of age	5. 6 mo. — 1 yr. of age
2. 1 yr. — 2 yr. of age	6. 1 yr. — 2 yr. of age
3. 2 yr. — 3 yr. of age	7. 2 yr. — 3 yr. of age
4. 3 yr. -- and over	8. 3 yr.— and over

AWARDS

First	\$15.00	Third	7.50
Second	10.00	Fourth	5.00

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GIRLS 4-H and FHA



GIRLS 4-H AND FHA EXHIBITS

Mrs. Frances McKinzie, Chairman FHA Group

Girls 4-H and FHA will enter exhibits showing projects of their clubs. They will not compete for prizes, but an award of \$25.00 will be made to each club entering an exhibit.

An educational exhibit will be set up by the 4-H Club Girls under the supervision of the County Home Demonstration Agent.

HOME DEMONSTRATION EXHIBITS

Mrs. A. J. Jones, Exhibit Chairman

The Home Demonstration Club Women's Exhibits will be educational, based on subjects dealing with proper methods and practices as related to the improvement of the living room, clothing, and sewing techniques that have been studied in club work during the past year.

The fifteen Home Demonstration Clubs of the County will prepare eight exhibits in accordance with the above statement.

Country Store

The Home Demonstration women will again sponsor the club's "Country Store", where clothing, canned foods, pickles, preserves, and other items will be offered for sale.

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FORESTRY EXHIBITS

JOHNNYE U. FOSTER, Chairman

—Participation by FFA Boys and 4-H Club Boys—

Awards For Exhibits

All awards will be made by the Texas Forest Festival, in cooperation with the sponsors. The schedule of awards offered for the exhibits are as follows:

First Prize	\$85.00
Second Prize	75.00
Third Prize	60.00
\$50.00 cash to each exhibit meeting score requirement rule.	

Object of Forestry Exhibits

1. To encourage the youth of the timbered section of Texas to understand and participate in the practices that make thrifty forests.

2. To allow the timberland owners and general public to view the exhibits so as to understand the needs for proper forestry practices.

3. To provide a show window for proper forestry practices.

The recognition of timber as a cash crop is essential to a well planned land usage program. An estimated total of 4,000 FFA and 4-H boys will lend their talents, suggestions and thoughts to the forestry exhibit subjects. To encourage these practices, these exhibits are sponsored by the following:

Texas Forest Festival, Texas Forest Service, Texas Forestry Association, Texas Lumber Manufacturers Association and Affiliated Industries.

RULES OF FORESTRY

Who Will Exhibit

The forestry exhibits will be prepared by the 4-H Clubs of the Texas Extension Service and the Future Farmers of America Chapters of the Vocational Agricultural Education. Free passes to the Festival grounds will be available to the exhibit participants and the judges.

Exhibit Spaces

Each exhibit booth will be 7'8" wide and 7' deep, and will have a backboard 5' high.

Each booth will be bare of decorations and the exhibit and dressings will be left to the initiative of the exhibitor.

Booth spaces will be numbered. Assignment of booth spaces will be determined by drawing numbers.

The Forestry Exhibits Committee will furnish uniform name signs to be placed on the exhibits. Each booth will be decorated without using the Chapter or groups name. Name cards will be placed on the exhibits after judgments have been made.

Exhibit Subjects

Any subject dealing with any proper forestry practice may be selected by the exhibitor. Any phase of forest

(Continued On Next Page)

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FORESTRY EXHIBITS

(Continued From Preceding Page)

fire protection, forest management, forest tree planting, forest wood utilization or other forestry practices may be exhibited.

An effort should be made to show how Texas Forests are contributing to the defense of the country.

The assignment of exhibit subjects will be handled by the District Agents in cooperation with the County Agents for the 4-H Club groups, and by the Vocational Agriculture Supervisor, in cooperation with teachers for the various FFA chapters.

It is suggested that the District Agent or FFA Supervisor be supplied with the theme of each exhibit by September 12 in order that they may help to avoid duplication of exhibit themes.

It is probable that each Service will develop theme exhibits on the basis of their respective operational basis.

JUDGING FOR EXHIBITS

Exhibits must be completed and in place not later than midnight on September 21, and shall remain in place until the end of the Texas Forest Festival September 27, 1952.

Judging will be conducted at 9:00 a. m., Monday morning, September 22, and the first, second, and third place winning booths will be designated by appropriate ribbons.

Judges will be selected by the Texas Forest Festival. The decision of the judges, in which every fairness and consideration will be shown, shall be final.

Basis of Score

The exhibits will be judged on the basis of the following points of scoring. Awards will be made on the basis of total points scored:

1. PRESENTATION AND SOLUTION OF PROBLEM.
 - A. Clearly presenting the problem affecting forestry practices 200 Pts.
 - B. Demonstration showing the solution to the problem presented 200 Pts.
 - C. Effectiveness of exhibit to stimulate action for solution of improper forestry practices 200 Pts.
 2. EXHIBIT APPEAL
 - A. Decorations in harmony and exhibits in proportion 100 Pts.
 - B. Neatness, attractiveness, brevity of cards, signs and placards 100 Pts.
 - C. Over-All good arrangements, neatness and appeal of entire exhibit booth 200 Pts.
- Total Possible Score 1000 Pts.

Score Requirements

In order for an exhibit to be eligible for the minimum cash payment of \$50.00, the exhibit booth must have received in the judging, a score of at least 600 points.

It is not necessary that signs be made by a professional sign painter. Signs made or lettered by boys which are neat, uniform and well arranged will be given the same consideration in the judging as a professionally made sign.

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WELCOME TO

TEXAS FOREST FESTIVAL

Lufkin . . . September 22 - September 27



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"THE BANK OF PERSONAL SERVICE"

Angelina County Broiler Industry Worth \$2,000,000 Annually

Angelina County is producing upward to two million broilers a year, information from the county agent's office reveals. In June, County Agent Chester Davis made a survey of the broiler production in the county. He reports that four major commercial producers have 123 broiler producing houses within the county with a 3,000 production capacity each.

This means that through these companies in combination with the broiler house owners with whom they work flows about a million and a half broiler chicks.

This represents an annual income of nearly \$2,000,000. About \$500,000 is invested in broiler houses alone.

Lufkin Farm Supply has some 80 houses; Boesch Farm Products has about 30 houses; Mr. Barge at Zavalla has 9 houses and the Lone Star of Nacogdoches has 4 houses in Angelina County.

In addition to these Mr. Davis estimates that there are from sixty to seventy-five independent houses of the 500 chick capacity and taking about 400 as an average this means that an additional 100,000 broilers are produced.

The Lufkin Farm Supply alone puts out from 16,000 to 20,000 baby chicks a week.

The Boesch Farm Products also has ten laying flocks with an average of 400 hens and twenty pullet flocks with a 500 average.

The County Agent's department feels that there are approximately 75 commercial laying houses in the county for hatching eggs. This is of course not counting the hundreds of farm home laying flocks from which does flow broilers, hatching eggs and eggs for the meal tables of the city dwellers.

Shelby County, with some 850 broiler houses and Nacogdoches County with over 300 houses are ahead of Angelina County. The progress made by Angelina County during the past two years has been one of steady growth. This has been despite the fact that the market has at times been low. However, all the broiler raisers are enthusiastic about their production houses.

The Texas Forest Festival, in cooperation with one of the feed companies, has a broiler demonstration house located on the Festival grounds where annually some 40,000 people may view the set up.

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Both Day
and
Evening

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Sept. 26

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TEXAS FOREST FESTIVAL

Lufkin . . . September 22 - September 27



TEXAS LONG LEAF
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New Willard, Texas

Agricultural Experiment Station Is Field Laboratory For East Texas Area

A visit out on Highway 94 west of Lufkin to the local Texas Agricultural Experiment Station which is a part of the Texas A. & M. College System opens the eyes to many people as to the tremendous amount of experimental work being done for better pasture lands in East Texas. Within the A. & M. System it is considered a field laboratory. The station was established during the depression at the request of local citizens who were interested in searching out what could be done toward converting worn-out fields and cut-over timber lands into profitable pastures. These people realized that those land owners who had worn-out field and/or clean cut timberland could hardly afford to wait for timber to reclaim the land and grow to saw timber. They could see that in row crop farming the trend was toward large-scale mechanized operations to which most of their field land was not adapted. Therefore, these citizens in seeking a better means of utilizing such lands, thought of livestock farming and deemed it wise to ask the State to establish through its A. & M. College System, a field station to investigate the possibilities.

Therefore, officials advise that the Agricultural Experiment Station at Lufkin began its work on worn-out land in the Jack Creek bottom in 1934. After three or four years of operation the Station was able to announce that

(Continued On Page 23)

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CORRIGAN, TEXAS

LUMBERMEN'S DAY

J. Shirley Daniel, Chairman

RULES FOR CONTESTS

7:00 P. M., MONDAY, SEPTEMBER 22, 1952

GRANDSTAND

1. Contestants must be representatives of lumber mills or industries.
2. Contest points will be as follows:
First 30 Pts. — Second 20 Pts. — Third 10 Pts.
3. The company whose teams have the highest over-all score in all events will be awarded a trophy.
4. Any company whose teams win the trophy three times in succession will retain permanent possession.
Note — Southern Pine, at Diboll has won the trophy three times. New trophy will be started.
5. Contestants are required to wear colorful shirts, bright solids or plaids.

CONTEST NO. 1—PULPWOOD LOADING

Two Man Team. Each team will load two cards of pulpwood. Pulpwood must be stacked ready to scale. Truck to be spotted ready to load before start of contest. Men must be in truck cab when starting signal sounded. After loading, team must re-enter truck cab. Loading time stops when cab doors are closed. (1st 6 teams to register with L. S. Milwee at Southland Paper Mill will be entered). 1st Prize \$30.00 — 2nd Prize \$20.00 — 3rd Prize \$10.00.

CONTEST NO. 2—POLE PEELING

One Man Team. All poles to be class 7-25. Poles to be stripped of all outer bark. Limit 6 entries. 1st Prize \$15.00 — 2nd Prize \$10.00 — 3rd Prize \$5.00.

CONTEST NO. 3—LOG ROLLING

Two man team using cant hooks, to roll 16' logs 16" in diameter. Distance 50 feet. Log must be rolled between two stakes set 20 feet apart on finish line, team rolling log across finish line between stakes in shortest time is winner. Prizes — 1st Prize \$15.00 — 2nd Prize \$10.00 — 3rd Prize \$5.00.

CONTEST NO. 4—LOG LOADING WITH TEAMS

Two Men To A Crew. 15 logs to be loaded, 16' logs 12" between the bark at small end. If logs are not proper size team will not be allowed to participate. Should a team have but one or two logs not acceptable by the judges the team will be allowed to borrow a log or two from some other team. One pair of mules or horses for haul. Company to furnish teams and other necessary equipment. Logs to be furnished by Company the contestants are representing or by arrangements with neighboring mill. 1st \$30.00, 2nd \$20.00, 3rd \$10.00.

CONTEST NO. 5—POWER SAWING CONTEST

One Man. Logs to be approximately 18" in diameter. Saws, 5 horse power limit, one-man Bar type, any make. Two cuts, 3 inch block from each end of log. Contestants to draw for sawing positions on log. Contestants will not be allowed to wear any type of advertising to advertise any make or brand of saw. Contestants must be

employed by forest product industries. 1st Prize \$15.00 — 2nd Prize \$10.00 — 3rd Prize \$5.00.

CONTEST NO. 6—LOG TRUCK DRIVING

(With Pole Trailer)

One Man. Center to center on truck bolsters, 12 feet. Time and accuracy event, over course lay-out. Driving instructions on course to be issued at grounds. Limit one contestant from each company. 1st Prize \$15.00 — 2nd Prize \$10.00 — 3rd Prize \$5.00.

CONTEST NO. 7—PULPWOOD SAWING (Bow Saws)

One Man. Logs approximately 8" diameter to be cut in blocks 3" long. Contestants will furnish saws. 1st Prize \$15.00 — 2nd Prize \$10.00 — 3rd Prize \$5.00.

CONTEST NO. 8—CROSSCUT SAWING

Two Man Team. Logs approximately 18" in diameter to be cut in blocks 3" long. Two cuts to be made. One from each end of log. Contestants to draw for sawing positions. Contestants will furnish saws. 1st Prize \$30.00 — 2nd Prize \$20.00 — 3rd Prize \$10.00.

CONTEST NO. 9—LOG CHOPPING

One Man. Logs approximately 10" in diameter. Two foot lengths to be cut. Contestants will furnish their own axes. 1st Prize \$15.00 — 2nd Prize \$10.00 — 3rd Prize \$5.00.

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TEXAS FORE

Program of Events

Monday, September 22

LUMBERMEN'S DAY

- 9:00 A.M.—Judging Forestry Exhibits.
- 1:00 P.M.—Festival Opens—All Exhibits.
Commercial, Livestock, Agriculture, Women's,
Forestry, 4-H and FHA and Art.
- 3:00 P.M.—Forest Festival Parade (Downtown).
- 6:00 P.M.—Barbecue for Visiting Bands.
- 6:00 P.M.—Bewley Mill's Chuckwagon Gang.
- 7:00 P.M.—Lumbermen's Day Contests—Grandstand.
10 Big Events—A fast moving 2 hour show.
- 7:00 P.M.—Carnival Shows and Rides.



Tuesday, September 23

CHILDREN'S DAY—White Children Admitted Free At Gate. Special Rides for School Children 1:00 P. M. to 6:00 P. M.

- 10:00 A. M.—Festival Exhibits Open.
- 10:00 A. M.—Judging Dairy Show.
- 1:00 P. M.—Special Carnival Ride Prices for Kids.
- 8:00 P. M.—Coronation of Festival Queen—Grandstand
Supporting Variety and Musical Show.
- 10:00 P. M. to Midnight—Alamo Exposition Shows.



Wednesday, September 24

- 9:00 A. M.—Judging Swine Show.
- 1:00 P. M.—Festival Exhibits Open.
- 7:00 P. M.—Judging Livestock.
- 8:00 P. M.—Grandstand Show—Free Musical and Entertainment Show.
- 10:00 P. M. to Midnight—Alamo Exposition Shows.



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QUEEN SYL

FEST FESTIVAL



September 22-27, 1952



E STRICKLAND
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Thursday, September 25

- 1:00 P. M.—Festival Exhibits Open.
- 8:00 P. M.—Grandstand Show.
- 10:00 P. M.—to Midnight—Alamo Exposition Shows.



Friday, September 26

NEGRO DAY—Negro School Children Admitted Free at Gate.
Special Prices on Carnival Rides for Children to 6:00 P. M.

- 1:00 P. M.—Festival Exhibits Open.
- 3:00 P. M.—Downtown Negro Parade.
- 4:30 P. M.—Coronation Negro Queen.
- 8:00 P. M.—Grandstand Show.
- 10:00 P. M.—to Midnight—Alamo Exposition Shows.

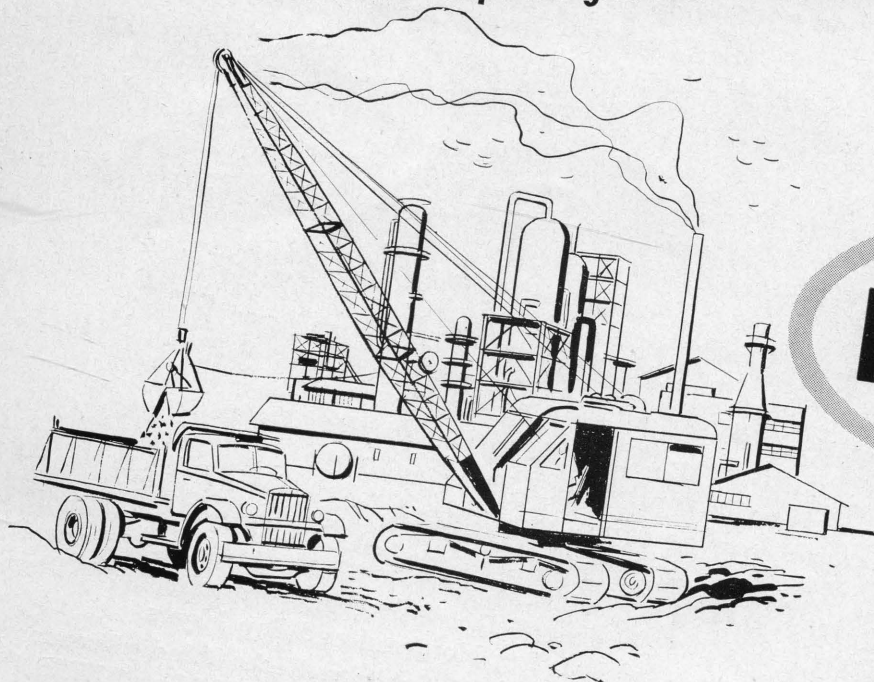


Saturday, September 27

- 9:00 A. M.—Festival Opens.
- 11:00 A. M.—All Exhibits and Displays Open.
- 1:00 P. M.—Carnival Shows and Rides.
- 2:00 P. M.—Club Calf Auction Sale.
- 8:00 P. M.—Grandstand Show—Saturday Night Shindig,
Featuring "Little Willie", Jeannie McDonald,
Men of The West Band, Bob Shelton, Wilbur
Ard, Peg Moreland and Pop Myers.
- 10:00 P. M.—Grandstand—Saturday Night Shindig Broadcast
Show over WFAA, KPRC, WOAI and KTRE.
- 10:00 P. M.—to Midnight—Alamo Exposition Shows.

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HUMBLE

HUMBLE OIL & REFINING COMPANY

Texas Forest Festival

AGRICULTURAL EXPERIMENT—

(Continued From Page 18)

through the use of certain plants and fertilizer it had built a pasture good enough that one and one-half acres would furnish grazing and hay sufficient to maintain a good-sized beef cow the year round. The only additional feed required was 200 pounds of protein supplement during the winter.

In 1941 an acreage of timbered upland was cut-over to simulate an operation where all merchantable timber was removed and studies were started to determine how good a pasture could be established on this type of land. Most of the work had to be postponed until 1946 because of the war, but it has progressed far enough to show that just as good pastures can be established on cut-over timber upland as on worn out field land. In addition, since the cut-over area was located on upland, comparisons have been made between creek bottom and upland and it appears the upland may make the best pasturage because of its ability to better withstand both dry and wet weather. To maintain such pasturage, the upland may require more fertilizer than the bottom land.

A tour over the Station property and pastures and a view of the fine cattle grazing thereon plus a talk with Station Manager Crouch readily convinces a visitor that the Station has done an excellent job on a cross breeding program with Brahman and Hereford cattle. This type of breeding and grazing experimentation began in 1940. It has demonstrated year after year that calves from cross cows when bred back to Hereford bulls will out weigh straight Hereford calves by 100 to 150 pounds at weaning time.

The Station makes considerable effort to get the results of its research out to the public through the medium of written reports in newspapers and magazines and information provided by direct mail. The Station may be visited by anyone interested in the Experiment Station work and its research for pasture improvement. This is evidenced by the fact that some 2,000 to 2,500 visitors annually visit the Station.

In this connection, the big day of the year is the Field Day held annually during the month of May which is sponsored jointly by the Angelina County Chamber of Commerce and the Station. For several years the attendance on this day has ranged from 700 to 800 people. The Angelina County Chamber of Commerce through its Agriculture Committee furnishes free barbecue for the Field Day visitors. It is a popular program as the members

(Continued On Page 24)

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LAKESIDE FARM

EULEN V. BERRY
Box 237

AGRICULTURAL EXPERIMENT—

(Continued From Page 23)

themselves prepare the food, do the serving and help on numerous organized committees which handles the crowd on the annual inspection tours. Usually the committee arranges for A. & M. College specialists and officials to speak on the Field Day program. The cattlemen and others of East Texas interested in Pasture improvement have come to look forward to this Field Day as a time to get first hand information about pasture and beef cattle improvement.

The plants, all growing together, were Dallis, carpet and Bermuda grasses with white and hop clovers and common lespedeza; and the fertilizer was phosphate at the rate of 100 to 200 pounds per acre of phosphoric acid. This information, coupled with the lifting of the quarantine for fever ticks and with the growing demand for more beef throughout the nation started a trend in the region toward more and better beef cattle that is still going forward. It is well known fact that there are many more head of cattle in East Texas today than there were 15 or 20 years ago, and it is nearly as well known that the quality of these cattle has improved greatly during this period. Whereas in some sections of the State the quality of beef cattle appears to have decreased, even the week-end cowman can see that it has risen here. Because all this progress in East Texas cattle could not have been made without a corresponding improvement in pastures Lufkin's Experiment Station should be given some of the credit.

After it was learned that good pastures could be established on worn-out field creek-bottom land E. K. (Dusty) Crouch, present Station Manager tells us the next steps were:

(1) To see what was required in fertilization and management to maintain the pasturage and,

(2) To see if such pastures could be established on cut-over timber land.

Although there are still many questions about the best way to maintain the pastures, it is becoming clear that potash and lime can become a limiting factor once the phosphate requirements are met under such high yielding conditions. At any rate, the pastures established in 1934 have been maintained for 18 years at the original carrying capacity, but the quality has varied because of changes within the plant combination which in turn was probably due to decreases in soil fertility before fertilizers were reapplied.

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EAST TEXAS NEWS

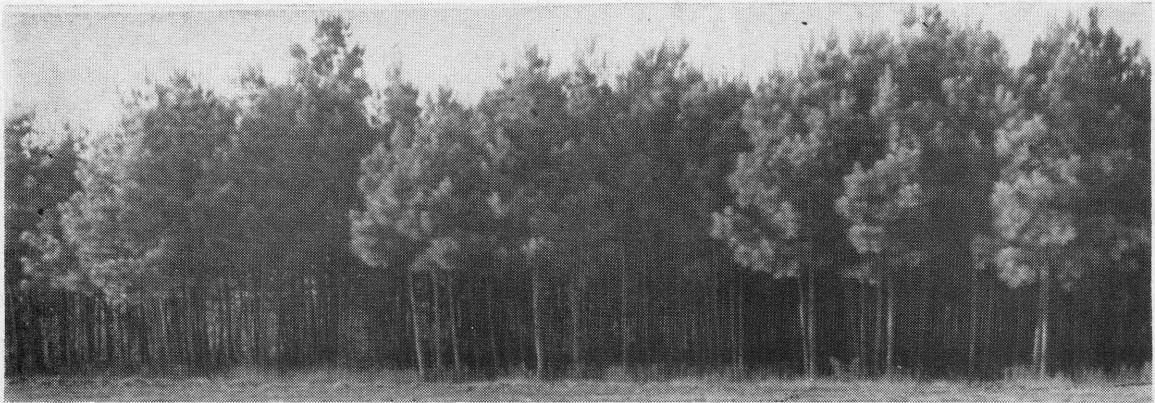
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NATURAL REPRODUCTION



Southland
Salutes

The 1952 Texas Forest Festival

SEPTEMBER 22-27

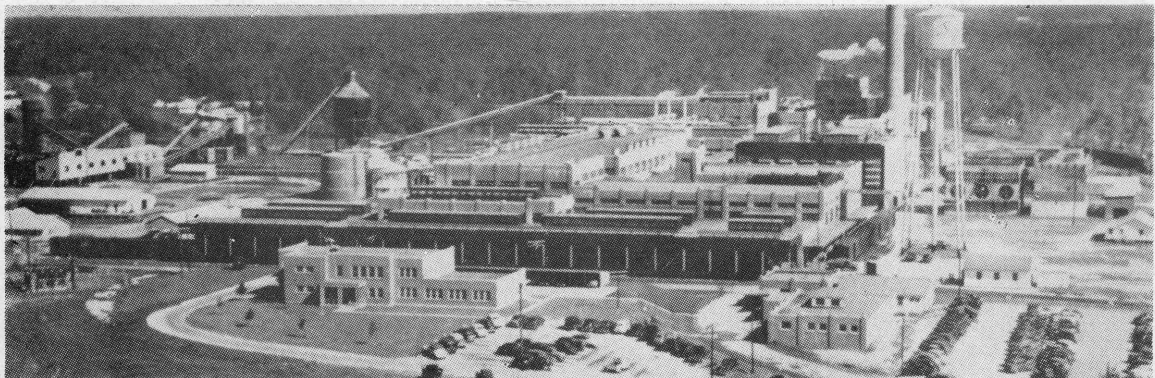
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LUFKIN, TEXAS

Tree Improvement Research In Texas

By **BRUCE ZOBEL**
Texas Forest Service

During recent years there has developed a great deal of interest in the contribution that forest genetics can make in producing better forest products at a faster rate. The need for forest genetic research on a large scale was first recognized by European foresters, mainly in the Scandanavian Countries, about a decade ago. An understanding of this need has since spread so that interest in tree improvement has become worldwide. It has been only within the last couple of years that foresters in the United States, especially those in the Southern Pine Region, have put into operation programs involving tree improvement. In his new field, the forest geneticist finds himself in a situation similar to that faced by the crop geneticist (cotton, corn, etc.) 15 or 20 years ago. He can profit a great deal by the achievements and errors of the crop geneticist, but in many ways the problems involved in forest genetics are unique and as such must be attacked from the beginning.

The geneticist working with forest trees has two main methods of approach; i.e., he can work through the medium of selections or hybridization. Selection involves locating in the forest trees of a specific desired type and then by vegetative propagation and controlled breeding, isolating a strain whose individuals have the characters found in the desired type. Selection can give rather rapid improvement but its final contribution is limited to what has been produced in nature. It cannot create trees with new characters. Hybridization consists of crossing various species and strains of trees, but must of necessity yield less rapid improvement in favor of a greater long-new gain. By hybridizing between properly chosen parents, there can be created a complete new tree type whose characters may be a combination of those of the parents. Through this method a tree can be bred for a specific set of environmental conditions. A well coordinated tree improvement program automatically combines both selection and hybridization.

The Texas Forest Service has in operation a tree improvement program involving a number of projects whose object is the betterment of the pines in Texas for specified uses. Space will not permit a complete discussion of all the going projects, but the following examples will give some idea of the type research undertaken.

One project involves the isolation of strains of pine suitable for growing in the dry, extreme invirment

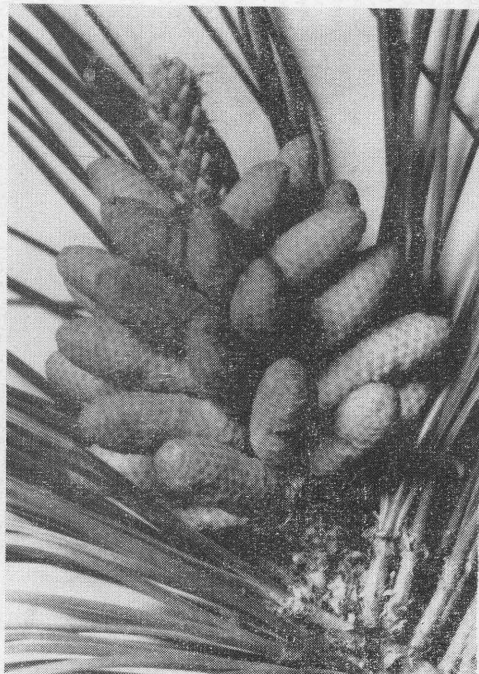
(Continued On Page 28)

Lufkin, September 22 - 27, 1952

Shop At
PENNEY'S
Lufkin's Largest
Department Store



Seen above is Dr. Bruce Zobel, Silviculturist, Texas Forest Service, bagging young female cones in top of a pine tree. When ready, these cones will be hand pollinated to produce hybrid seed.



Pictured above are male and female flowers of a pine tree. The male flowers are about ready to release pollen. The female flowers are at about the proper stage for pollination to take place. Fertilized female cones produce mature seed in two years.

TREE IMPROVEMENT RESEARCH—

(Continued From Page 27)

found in the Post Oak Belt to the west of the Pine-Hardwood Region. This is attacked first from the standpoint of selection, to determine if hardy strains of loblolly pine can be found that are already naturally suited for growth in the Post Oak Region. An ideal starting point for such selection are the "Lost Pines", which grow well 40 to 100 miles west of the pine belt under 10 to 20 inches less rainfall than is common to East Texas. Selection is also being made from the few isolated individuals scattered throughout the Post Oak Region.

The second approach to this problem is to produce and test various pine hybrids that might prove to be suitable. For example, one hybrid that has potentialities is the slash-shortleaf cross. If this hybrid should inherit hardiness (both ice and site), rust resistance and good limb form from the shortleaf parent and if it should inherit vigorous initial growth and tip moth resistance from the slash parent, it would appear to be quite ideal. At the present time, however, geneticists cannot predict with certainty just which characters will dominate in such a hybrid, but in the future, such predictions should become possible, simplifying the geneticists task.

In addition to the selection and hybridization approach, various pine species not native to the south, are being tested in the Post Oak Region. These normally grow in other regions or countries under conditions similar to those of the Post Oak Belt, and one or several might prove to be suitable here.

Another project involves the selection of what are called "superior" trees from among our native species.

(Continued On Page 30)

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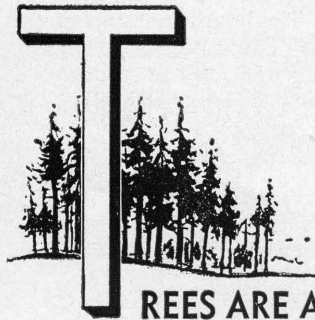
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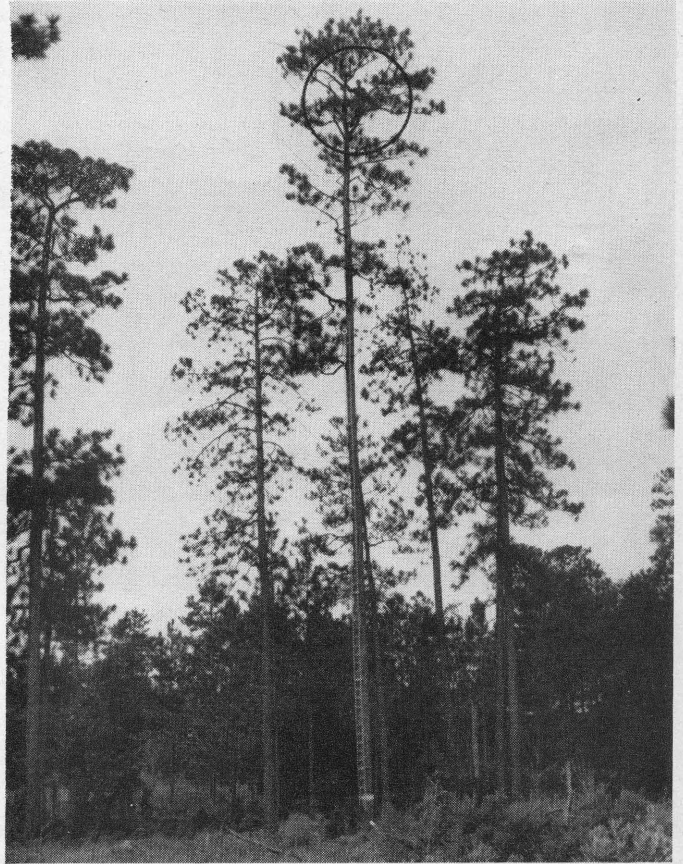


TREE IMPROVEMENT RESEARCH— (Continued From Page 28)

Criteria were set up as to what the ideal tree should look like, and then trees most resembling this ideal were located in the forest. For this project trees with outstanding height and diameter growth rate, short limbs of small diameter, good pruning ability, good competitors, and good bole form were selected and are being tested under controlled conditions. Those that prove to be genetically superior will then be used as a starting point for building up a strain of pine possessing the desired characters.

Other projects undertaken involve tests of geographic seed source, tests of outstanding nursery seedlings, research on the inheritance of wood density, and on the flowering habits of the southern pines.

It should be emphasized that forest genetics is not a Utopia by which all the ills of forestry are made well. The geneticist is not attempting to produce a super race of trees superior for all uses under all situations. But what the geneticist can do is to take one of the tools of the silviculturist, the tree, and change it to best suit his purposes. Many of the silvicultural variables such as site, soil, moisture, and general weather conditions are beyond the forester's control. Other silviculture variables are more subject to control by the forester. In this group belongs spacing, pruning, fire, species, and tree type to be grown. Tree species and type are important silvicultural variables that, with the aid of genetic principles, can be very strictly controlled. Therefore, the objective of a program of forest tree improvement such as that of the Texas Forest Service is to supply the silviculturist with this improved "tool". By its use, it is to produce a tree suitable for a special need and thus to more rapidly produce a better product.



Example of superior longleaf pine tree selected by Texas Forest Service. Note length of clear bole and small limbs. Man pictured is 100 feet from the ground. Seed from this tree has been planted at the Indian Mound Nursery, Alto, for research purposes.

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2. Almost 1,000 forest products industries and allied wood using industries and their 50,000 employees.
3. All of the industrial, construction, agricultural, transportation and utility interests who use wood.
4. Many Texas merchants, doctors, bankers, communities, schools, and counties where timber is of major importance.
5. The Texas public from a home-grown and manufactured supply of wood products and chemurgic by-products.
6. The State of Texas.

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FURNITURE

WE BUY, SELL AND TRADE

South Side Courthouse

PASTURE DEVELOPMENT—

(Continued From Page 32)

by the agricultural leaders, farmers began fertilizing, improving and enlarging their pastures. Thus, taking land out of production that produced cotton and other crops.

At first only a few farmers begin pasture fertilization, and the planting of clovers and adopted grasses. In 1935, the A.A.A. begin issuing 20 per cent super phosphate and fertilizers to farmers for soil improvement. It was reported that many farmers would not use the fertilizers on their pastures because they could not see any value of pastures being fertilized.

In 1951, over 50,000 acres in Angelina County was fertilized and seeded with the basic grasses and clovers. Along with the basic grasses, bermuda, dallis, and carpet. Many thousand tons of phosphorus, lime and mixed fertilizers have been applied to pastures soils. Today in Angelina County, pastures are considered as another crop. In fact, more cash income is brought from pastures and livestock than from any other crop in Angelina County, other than timber.

Beef cattle has almost doubled during the last 10 years and cash returns have increased six times the returns as were in 1940.

Dairying has increased 500 per cent in the last six years. All of which goes back to better pastures and better breeding of our livestock.

Sam Whitlow, Texas Editor of the Farmer-Stockman, writing in an article which was reprinted in East Texas

(Continued On Page 38)

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Welcome, Neighbor

By CARL G. KRUEGER

Forest Supervisor, Texas National Forests

Back to the Woods seems to be the recreational motto of ever increasing numbers of Americans, and Texans are no exception to the rule. Not too many years ago, recreation for most people meant some form of urban entertainment. Many more people lived on farms or in very small communities than is now the case. Roads were bad and travel difficult. The woods were everywhere. People seeking recreation oftener went away from the woods rather than toward them. Now, with good roads and autos, many people living in cities, large and small, and rural population declining, the use of wood lands for recreation of various sorts is increasing rapidly.

In line with this changing trend in recreation, the Texas National Forests are playing host to steadily increasing numbers of people. Last year an estimated 200,000 people visited the four Forest Units in Texas. They came to picnic, fish, hunt, or camp, and many thousands more just ride and look. Some fish and then picnic, or the children swim while Dad fishes, or a whole family clan has a reunion. Since this is not a resort area, practically all of these visitors are from East Texas. But whatever they want to do, or wherever they come from, all are welcome.

The Texas National Forests, as all other National Forests, are for use. All of the resources are expected to contribute to the welfare and social benefit of the people

(Continued On Page 37)



Quiet beauty. Ratcliff Lake Recreation Area, Davy
Crockett National Forest.

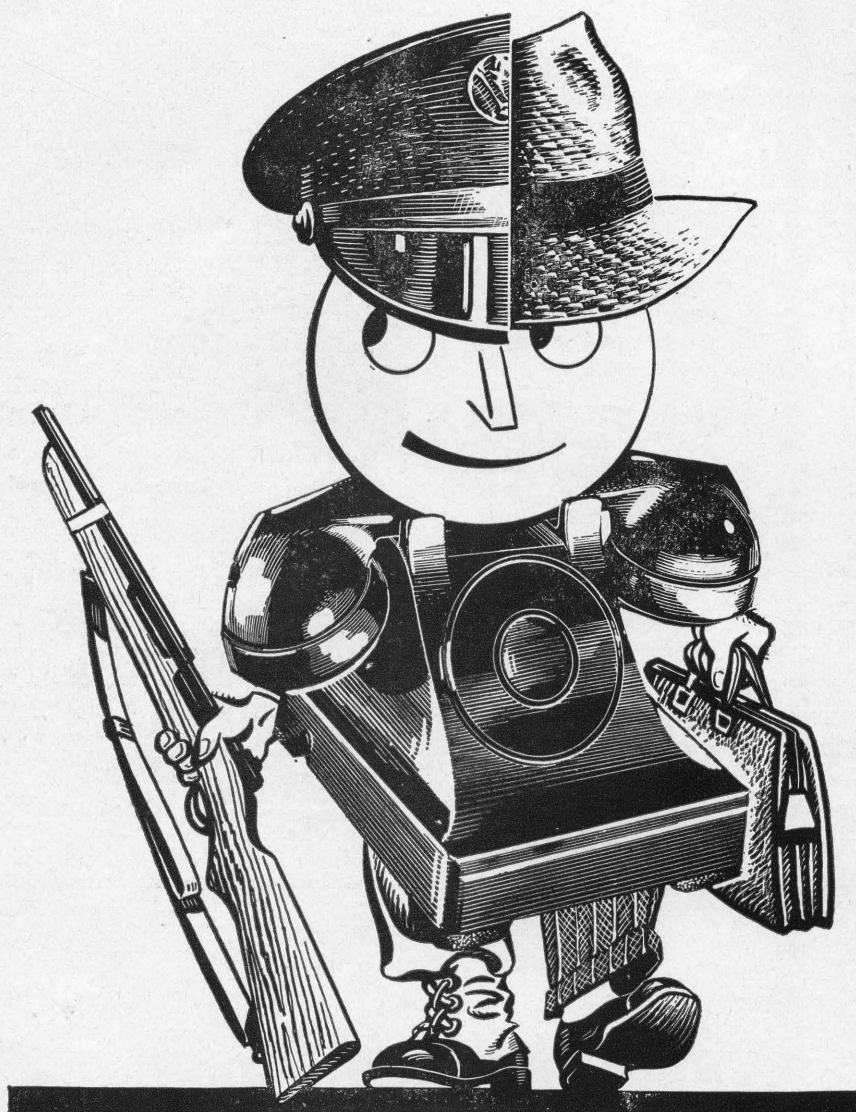
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"WE TRY TO PLEASE"

WELCOME, NEIGHBOR

(Continued From Page 35)

in the area in which they are located. Recreation is a major value of the Forests, and should be enjoyed by the people.

The recreation areas in the Texas National Forests were largely developed in the mid-thirties when the Forests were being established and when CCC and other relief labor was available. Then, and even more so now, the emphasis was on the simple form of recreation, and facilities were planned accordingly. The Forest recreation areas are not supposed to compete with city parks or commercialized entertainment. There are no fancy playgrounds, tennis courts or the like. There are tables, fireplaces, garbage pits, toilet facilities, and usually wells for water. Most of the areas have shelters which can be used by a few people in bad weather, but all of them do not. When possible, lakes were developed for swimming, and bath houses provided for changing clothes. Some of the recreation areas are only for picnicking, others have camping facilities, some are small and lightly used, others are large and are used annually by thousands of people.

There are more or less specialized types of use at certain areas. Boles Field, on the north end of the Sabine National Forest, is used early every November by the East Texas Fox Hunters Association for field trials and judging of dogs. Pens, an amphitheater with seats and judging platform, and a large parking area are available for the hundreds of Fox Hunters who come from many states. The Association assists in maintenance of the facilities. Part of the Ratcliff Lake area in the Davy Crockett National Forest is left undeveloped

for use by Scouts for camping. Also at Ratcliff are plots used by FFA, 4-H, or other groups in studying various aspects of forestry, such as tree marking, estimating or identification. At Double Lake, on the Sam Houston National Forest, is an organization camp operated by a Houston church, and used throughout the summer by church youth groups and others.

Most people who use the recreation areas appreciate the privilege, but some destroy property and beauty, and

(Continued On Page 39)



Fountain and approach to beach. Ratcliff Lake Recreation Area, Davy Crockett National Forest.

Kirby Lumber Corporation

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Houston, Texas

PASTURE DEVELOPMENT—

(Continued From Page 33)

magazine, points up the facts that better pastures are bringing more cattle business to East Texas; that the job facing East Texans is building the fertility of the soil. He quotes Blake Mackan of Ricelands Farms in Jefferson County in Deep Southeast Texas where Angus cattle are produced as saying, "East Texas, from Red River to the Gulf is a coming cattle country. Our biggest job is to fertilize and rotate our pastures, and to follow a systematic practice of putting strength into our soils."

Census figures show that on January 1, 1951, 9,260,000 cattle and calves were on Texas ranches and farms. This is the highest figure since 1902 which compares with 6,281,537 in 1940.

John D. McCall of Dallas estimates that erosion has moved all of the top soil from over 2,200,000 acres of land in Texas. Three million of its acres have lost 80% of the top soil; 60% of the top soil is gone from 20,000,000 acres and 35% from 42,000,000 acres and another 100,000 acres have lost part of the top soil.

Top soil is priceless. Pasture improvement in East Texas is helping to keep the soil and to return the fertility to East Texas soils.

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WELCOME, NEIGHBOR

(Continued From Page 37)

disregard the rights of others. These people cost the Government, which is the people, including themselves, large sums annually as well as spoiling the pleasure of other people. Limited funds make it difficult to maintain the areas in satisfactory condition without repairing senseless vandalism.

Hunting and fishing are forms of recreation enjoyed by many people. The Texas National Forests are available for both of these sports in accordance with State laws, and without any special restrictions. Two Wildlife Management Areas have been established by the Texas Game and Fish Commission and U. S. Forest Service in cooperation. One of these, Moore Plantation, on the Sabine National Forest, was established three years ago. Deer and turkey were planted and are doing well. They can often be seen in driving through the area. The White Rock Creek area on the west side of the Davy Crockett National Forest is new. This area is largely on private land, so is a cooperative venture between the local landowners, State and Federal governments. Some deer have been put in this area, and more will be released next winter. Turkey will also be planted. Both of these areas will be opened to hunting as soon as the game population permits.

Attempts have been made to better the fishing. The four major recreation area lakes at Ratcliff, Red Hills, Boykin Springs and Double Lake have been checked by an aquatic biologist, and treated in accordance with his recommendation.

In the handling of other resources, the values of recreation are not forgotten. Timber marking is modified along main roads in order to maintain a scenic strip. Trees may be cut from a recreation area to eliminate safety hazard, improve a vista, or to remove insect or disease infested trees, but not just to produce timber. Cattle are kept from the recreation areas by fencing. In the conduct of timber stand improvement, flowering trees are left. Den and food trees are left for game. Timber production is the major purpose of the National Forests, but the other minor resources are also considered.

A brief description of the various recreation areas, with facilities available, follows:

Double Lake Recreation Area

Sam Houston National Forest. About 3 miles south of Cold Springs, Texas, on Truck Trail 216. Three hundred and ten-acre area. 30-acre lake. 14 tables. 14 fireplaces. Picnic shelter with tables and fireplaces.

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A family group—Ratcliff Lake Recreation Area, Davy Crockett National Forest.

Bath house, toilets, water developed and piped to fountains for drinking and other uses. This area is suitable for swimming, boating, fishing, picnicking and camping.

Stubblefield Lake

Sam Houston National Forest, about 15 miles northwest of New Waverly on Truck Trail 204A. Small 5-acre lake, 7 fireplaces, 4 picnic tables, latrine, artesian well. This area is a place to more or less "rough it" and is suitable for picnicking, camping and fishing.

Ratcliff Lake Recreation Area

Davy Crockett National Forest, 25 miles west of Lufkin on State Highways No. 105 and No. 7. Four hundred and forty-acre area, 80-acre lake, 33 tables and fireplaces, picnic shelter, large fireplace and table, bath house and toilet facilities, water developed and piped to fountains for drinking and other uses, 1½ miles of fishing trail, and camping area. This area is suitable for picnicking, camping, swimming, fishing, boating, hiking. A Forest Service lookout tower is within a mile of this area. Some of the most beautiful stands of shortleaf and loblolly pine in Texas are to be seen within a 10-mile radius of this area.

Pine Springs Picnic Area

Davy Crockett National Forest, about 10 miles northeast of Crockett on Texas Highway No. 21. Five-acre area, flowing springs, 2 picnic tables, 3 fireplaces and 2 latrines. Area suitable for picnicking.

Boykin Springs Recreation Area

Angelina National Forest about 15 miles southeast of Zavalla on Truck Trail 313B. One hundred thirty-seven acre area; 12-acre lake, 16 tables, 18 fireplaces, picnic shelter with fireplace and tables, bath house and toilets, 2 latrines, and water developed and piped to drinking fountains from large spring. Area suitable for picnicking, camping, swimming, boating and hiking. The approach to this area is through some very beautiful longleaf pine plantations.

Bannister Lake Area

Angelina National Forest about 5 miles northeast of Broadus, Texas, on Farm-to-Market Road No. 10. Four

(Continued On Page 40)

WELCOME, NEIGHBOR

(Continued From Page 39)

and one-half acre lake, 2 tables, 4 fireplaces, latrine and well. Area suitable for picnicking and camping.

Red Hills Lake Recreation Area

Sabine National Forest, about 4 miles north of Milam on Texas Highway No. 87. Five hundred acre area, 17-acre lake, 7 tables, 6 fireplaces, bath house and shelter combined, and toilets. Area suitable for picnicking, camping, swimming, fishing and boating. No water.

Boles Field Fox Hunting Area

Sabine National Forest, about 7 miles east of Shelbyville on Truck Trail 100. Area 87 acres, springs, 8 tables, 6 fireplaces, shelter, latrines, water developed (well), amphitheater and stage, dog kennels and corral for use of Fox Hunters Association. Area suitable for picnicking and camping.

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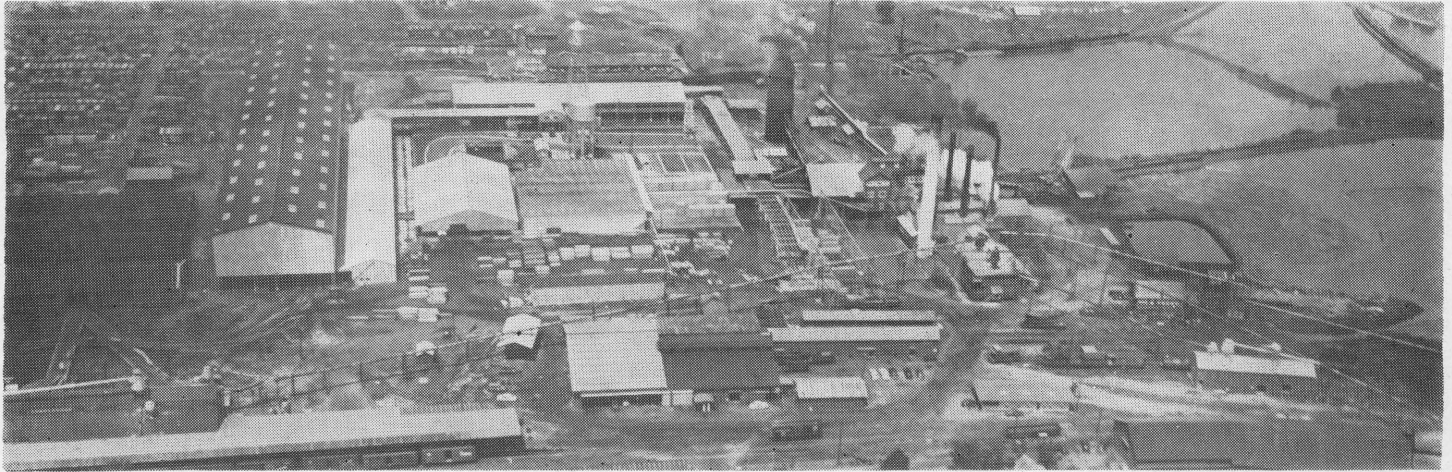
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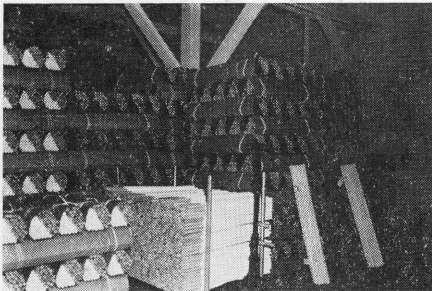
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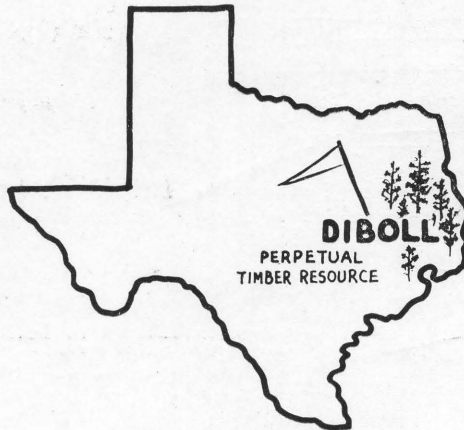


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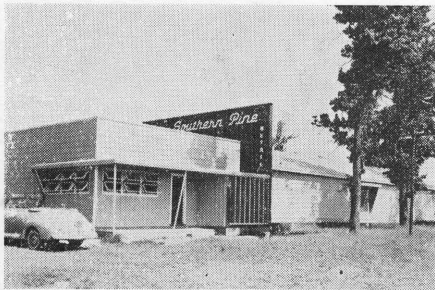
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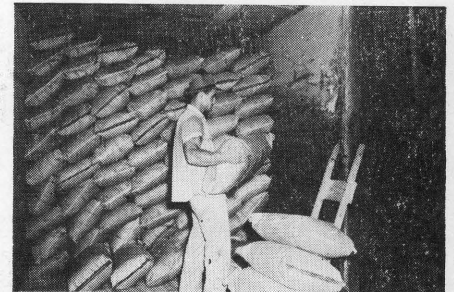


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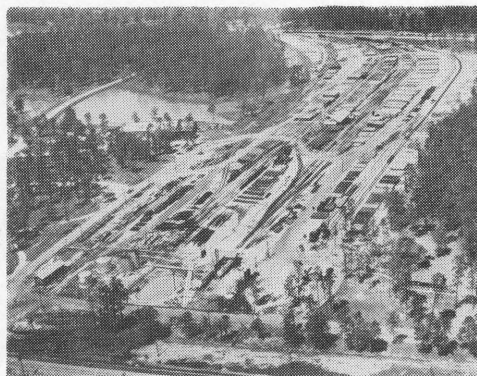
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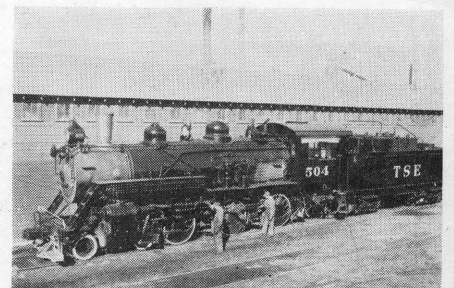
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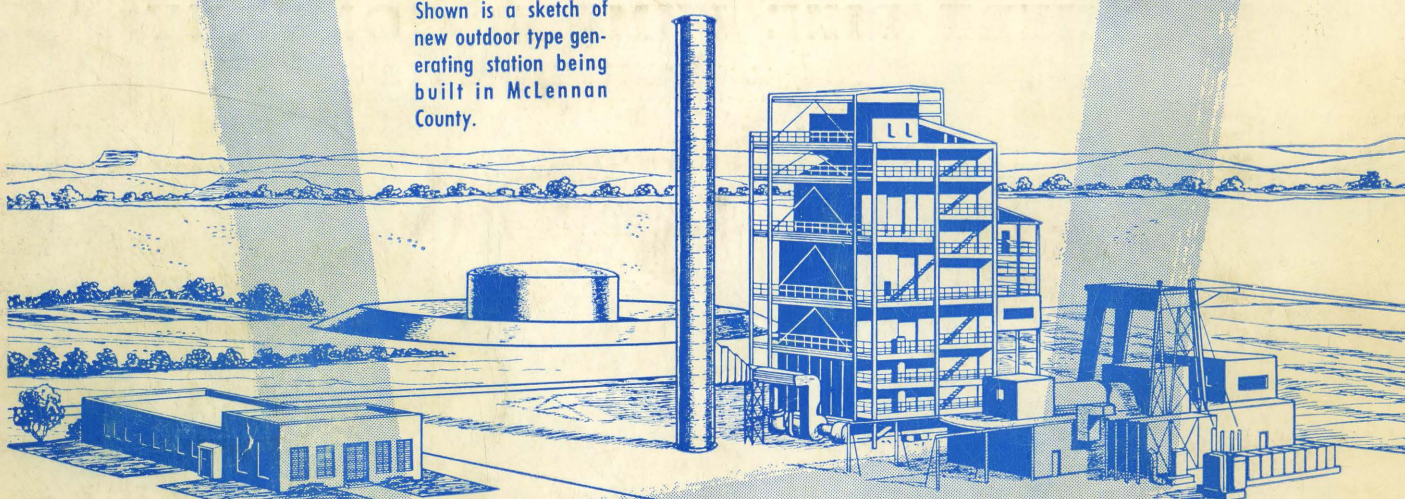
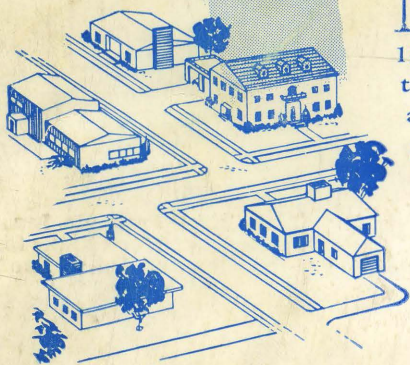


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