

The
• Florida
Future
Farmer

VOLUME XI

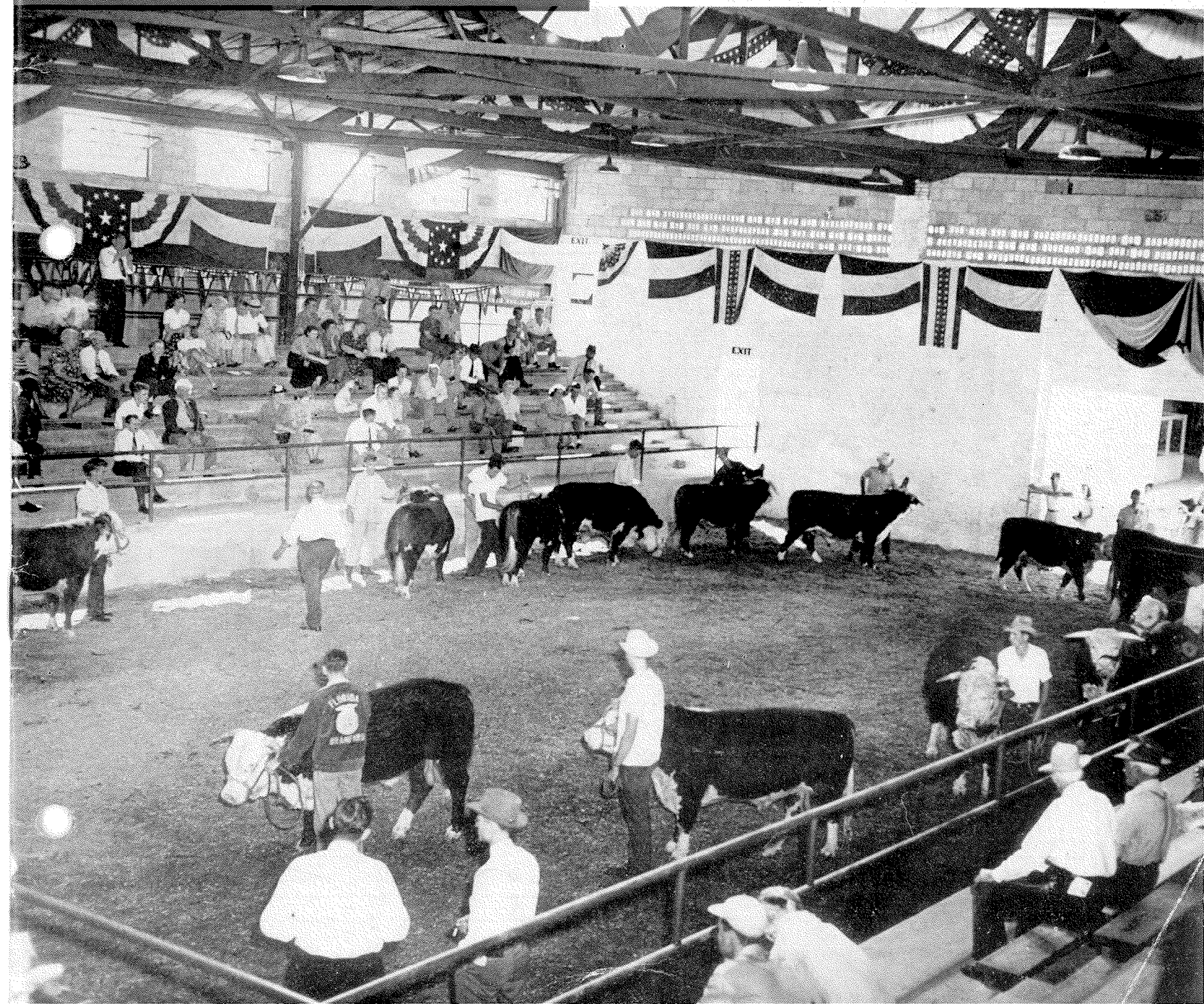
• NUMBER 2

APRIL, 1950

Fat Stock Show Reports

Judging Contests

Report on FFA Day at
Florida State Fair



TO FLORIDA'S FUTURE FARMERS

One of my most cherished possessions is the certificate of Honorary Degree of State Farmer awarded me in February, 1950, by the Future Farmers of America.

One of my most determined purposes in offering for reelection is to continue pursuing those policies which have benefitted and will benefit the agriculture of Florida and the nation—the price support program, the acreage quotas, the credit and marketing facilities.

Another is to work for better farm life—for better rural housing and health, just as I helped bring about rural electrification and the new rural telephone program.

Always sincerely,

Claude Pepper

Re-elect A REAL Democrat
CLAUDE PEPPER

He Gets Things Done For Florida!

(Political advt. paid by friends of Claude Pepper)



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SENIOR SENATOR

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AMONG the hundreds of uses for concrete around the farm or suburban home, none better protects the health of your family than the concrete septic tank.

A septic tank makes it possible to enjoy the benefits of running water and modern plumbing in safety . . . disposes of all household and human wastes . . . prevents the contamination of drinking and cooking water by germs that may cause typhoid, dysentery and other ills.

A septic tank is only one of many permanent improvements which can be made with concrete. Check the list below and paste coupon on a post card. We will send you helpful literature.

Paste this coupon on a postal card—

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By Way of Editorial Comment:

Transitions in Agriculture

H. G. CLAYTON, Director
Agricultural Extension Service, University of Florida

WHEN AMERICA was first settled the primary occupation of the colonists was agriculture to produce food, feed and fiber to feed and clothe the population. Great forests had to be cleared and the land cultivated by hard labor. There was a plentiful supply of game and fish to supplement the food produced on farms.

As they became established, farmers began to grow export crops such as cotton and tobacco to exchange for money on the world markets. There was a long period when cities and towns were developing in which the people did not realize that farmers needed research and opportunities for the study of agricultural subjects. The efforts of the early colleges were principally to train men for the professions of law, medicine and clergy and for business, and the development of colleges which women could enter was very slow.

It was a long struggle on the part of leaders in agriculture to secure passage of national laws in 1862 which provided for agricultural experiment stations to do research work and colleges to teach agricultural subjects. Since the passage of those laws, there has been a great expansion in agricultural education and research. The rather slow and tedious beginning extended over a long period, but there has been a very marked and rapid development in this field during the past quarter of a century.

H. G. CLAYTON

In the early days about 80 percent of the people lived on farms and 20 percent lived in the cities and towns. Today, the situation is reversed and only about 20 percent of the people live on farms. Through education, research, mechanization, and technological developments, one-fifth of the people now produce more food than enough to feed themselves and those not living on farms. The welfare of the nation remains dependent, however, on the farm production without which all else would soon come to a stop. The farms have always furnished a high percentage of the people in the towns.

To the youth of today the advantages and opportunities developed over this long period in our nation's history are available and accessible. There is also a responsibility which must be assumed. Farm people own most of the land and therefore have a fundamental interest in our nation's (Continued on page 13)

The Cover Judging of the FFA chapter Hereford bulls in the Mayo arena of the new Lykes Livestock Building at the Florida State Fair in Tampa is pictured for the April cover. These bulls were given the Florida Association in November of 1948 to improve stock in local communities through better breeding.

THE FLORIDA FUTURE FARMER

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KEEP FLORIDA GREEN

We commend to FFA members the reforestation and fire prevention program of the State of Florida

**BANK OF
NEWBERRY**
NEWBERRY, FLORIDA

MEMBER F. D. I. C.

1950 FFA Day at Tampa Is Most Successful in Florida State Fair History

FROM AS FAR WEST AS Walnut Hill and as far south as Homestead, Future Farmers came to the Florida State Fair in Tampa to participate in Future Farmer Day.

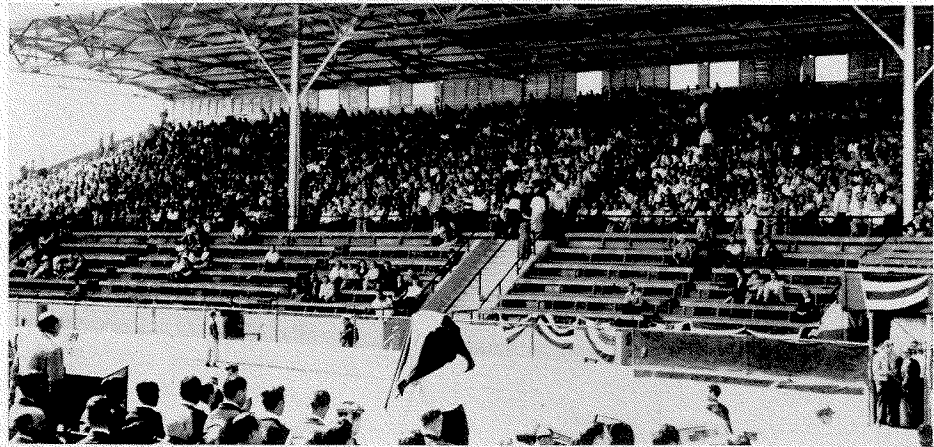
"... FFA Day at the State Fair in Tampa was the most successful in the history of the occasion. The State Officers, Chapter Advisers, and FFA members should be given the major credit for the success of this occasion, for it was through their cooperation and efforts that all events were carried out on schedule in a successful manner," said Mr. H. E. Wood, State Adviser.

Number of entries in the livestock competition exceeded all previous records with a marked improvement in quality. Entries, most of them purebred registered animals, totaled sixty-eight.

Judging teams from nearly every chapter (a total of 128 out of 133 chapters) in the State competed in the Livestock Judging Contest held in the morning. 61 teams from North Florida chapters competed in the Hay, Grain and Forage Exhibits Judging Contest; 63 teams from South Florida chapters participated in a Fruits and Vegetables Exhibits Judging Contest. Each team was composed of three members.

Approximately 5,000 Future Farmers participated in activities in this, their gala day at the Fair.

Seated on the platform for the ceremonies were two past National FFA Presidents from Florida, Lester Poucher of Largo and Doyle Conner of Starke. In



Some of the platform guests (foreground) and a section of the grandstand where several hundred of the approximately 5,000 Future Farmers in Florida are seated for ceremonies in connection with Future Farmer Day at the Florida State Fair in Tampa.

addition to these, there were five Honorary American Farmers, a number of Honorary State Farmers, and loyal friends of the FFA, such as C. L. Lacy, Mr. Wilbanks, W. J. Barritt, Vernon Graves, E. L. Chastain, Buster Hancock, and Dr. H. L. Kildee of Iowa State College.

The popular State Champion FFA String Band from Wimauma appeared, an innovation in the program well received by other Future Farmers and their friends.

As the climax to the keen competition for purebred heifers, the Southeastern Brahman Breeders Association, the Florida Hereford Breeders Association, and the Sears Roebuck Foundation made the awards of these coveted prizes during the afternoon ceremonies. The Leon Chapter, Tallahassee, won the Brahman heifer awarded to the chapter doing the best job with a Sears Roebuck Brahman bull. Another Brahman heifer went to the Sarasota chapter for doing the best job with Brahman cattle, regardless of source of breeding stock. L. S. Harris, President of the Southeastern Brahman Breeders Association, made the awards to the representatives of the two winning chapters. Hereford heifers were awarded to the Turkey Creek and DeLand Chapters by T. Noble Brown, President of the Florida Hereford Breeders Association.

According to custom for FFA Day, the Honorable Nathan Mayo, Commissioner of Agriculture, awarded ribbons to the



Doyle E. Conner of Starke, past national president of FFA, presents a special plaque to Hon. Doyle E. Carlton former governor of Florida, "for his interest in, and loyalty to Future Farmers." Presentation was made during FFA Day at the State Fair in Tampa.

Grand Champion winners in FFA Livestock Show. (A story about the Livestock show appears elsewhere in this issue.)

L. C. Vaughn, State President, presided over the grandstand ceremonies and State Superintendent of Public Instruction, Honorable Thos. D. Bailey, made the address.

Honorary State Farmer keys were presented to four outstanding friends of the Florida Association. An interesting highlight in the program was the presentation of FFA award plaque to Doyle E. Carlton by his namesake, Doyle Conner, Past National President.

Proud participants in the Future Farmer activities took home many rosettes, ribbons, cash and registered livestock awards. Many of them took home greater experience in judging and selecting livestock and a deeper appreciation for higher quality in livestock and crops. All went home tired after a strenuous day of touring exhibits and participating in Future Farmer events, but they carried pleasant memories of the day with them.

Leaders Get Honorary Degrees

DURING THE ANNUAL FFA DAY, February 4, 1950, at the Florida State Fair in Tampa, L. C. Vaughn, State President of the Florida Association, FFA, conferred the Honorary State Farmer Degree on Senator Claude Pepper; J. Crockett Farnell, Superintendent of Public Instruction of Hillsborough County; Milton Plumb, Tampa Tribune Reporter; and Lewis Wood, Vice-President of the Southern Agriculturist Magazine,



Honorary State Farmer degrees were awarded at Tampa during FFA day February 4. L. C. Vaughn, state FFA president (left) makes the presentation to Milton Plumb, Tampa Tribune; Crockett Farnell, superintendent of public instruction, Hillsboro County; Senator Claude Pepper; Lewis Wood, vice president of Southern Agriculturist. Vice Presidents of the Florida Association, FFA, are standing in the background during the ceremony.

Nashville, Tennessee.

Lawson P. Kiser, President of the Florida Aberdeen-Angus Association, and Al Cody, Cody Publications, Inc., Kissimmee, received the Honorary State Farmer Degree at the annual Southeastern banquet, Ocala, March 2.

The Executive Committee voted to confer this degree on these men because of their interest and cooperation in the Future Farmer Program in Florida.

Other Honorary State Farmer Degree members present at the FFA Day Program in Tampa were: Honorable Thomas D. Bailey, Honorable Nathan Mayo, Honorable Doyle E. Carlton, Carl Brorlein, J. C. Huskisson, J. F. Bazemore, H. F. Hinton, A. D. Davis, T. Noble Brown, A. R. Howard, J. E. Gorman, Fred Conner. Also present were R. N. Hoskins, M. E. Coleman, John E. Baldwin, H. L. Fagan and J. R. Davidson, who hold both Honorary State and American Farmer Degrees.

FFA Livestock Show At State Fair

FUTURE FARMERS are justly proud of the improvement in quality and the increase in the number of entries in the FFA Division of the Livestock Show at the Florida State Fair in Tampa during January 30 to February 11, held in the new Lykes Livestock Pavilion.

Exhibiting in the Mayo Arena for the first time, in dairy competition, a pair of Guernseys won the championships. Fair Fields Serena L., shown by Arlen Wetherington of Turkey Creek, was declared Champion female, and from Live Oak, the Suwannee FFA Chapter's Quail Roost Duncan's Crusader, exhibited by Donald Turman, was Champion bull.

Archie Kelly, Jr., of the Bell FFA Chapter, made a special exhibit of his Hereford bull and two of the bulls young heifers. He won the first Florida Cattleman Breeder's award given in 1947, which helped him to enlarge his program and become better established in farming.

Dean H. H. Kildee, of Iowa State College at Ames, Iowa, internationally

famous Livestock Judge, placed the animals of all breeds, assisted by L. H.

Lewis of the Florida State Marketing Bureau in judging the Brahmans.

Two Herefords were Grand Champions in all-breed FFA beef competition, with the Quincy FFA Chapter showing Mill Iron C. 782, champion bull, and Max Carr of Sarasota showing Mabel Wayside, champion female. Jerry Owens handled the Quincy Champion during the Show.

Mr. Nathan Mayo, Commissioner of Agriculture, presented rosettes during the FFA Day ceremonies to Arlen Wetherington, Donald Turman, Max Carr, and Jerry Owens for showing the Champions.

In Brahman Competition, Cadanza 9th, shown by Eugene Griffin of Bartow,

"I've been proud to vote assistance to Florida Farmers and against the bureaucrats who cut down liberties of all individuals including farmers."

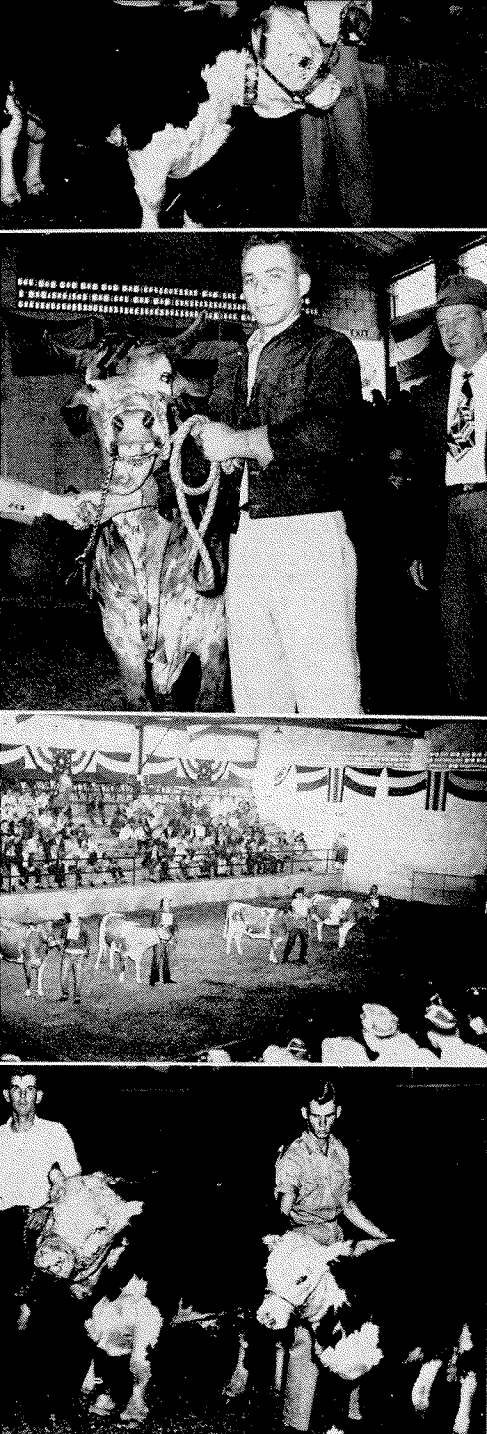
... GEORGE SMATHERS

George Smathers fights for a strong America and realizes that prosperous, well-equipped farms are vitally necessary for our country's strength. That's why he pledges to Florida farmers, "If you are receiving benefits now, have no fear of losing them with me as your Senator."

Make yours a Double-Duty Vote...**FOR FLORIDA - FOR AMERICA**

Elect GEORGE SMATHERS
Your U. S. Senator

SUBJECT TO MAY DEMOCRATIC PRIMARY PAID FOR BY FRIENDS OF GEORGE SMATHERS



Random shots at the Tampa FFA Cattle Show • Jerry Owens of Quincy (top) exhibited the champion Hereford bull in the FFA division and Sears Hereford bull competition; with his father (left) T. L. Barrineau of Tallahassee, district FFA supervisor, and W. C. Greenway of Atlanta, Sears public relations department, Jerry poses his bull • Lawrence Carlton receives congratulations of R. Stuart of Tampa, Sears store manager (left) as H. E. Wood, state adviser, smiles his approval • FFA members of 128 teams watch the judging of Guernsey heifers • Bottom picture shows Archie Kelly Jr., of Bell chapter (center) with his herd sire, with Mr. Joe Ellis (left) and Donald Turman of Suwannee chapter with two of the bull's daughters, at Tampa, during the Florida State Cattle Show.

was top bull and *Velvet*, shown by Jack Sloan of Groveland was best female.

Mr. W. C. Greenway, of Atlanta, representing Sears Roebuck, was present for the special contest held for FFA Chapters who received the Hereford and Brahman bulls through the Sears Roebuck Foundation. Quincy won the Hereford championship, and Plant City the Brahman Championship.

The results of the competition where judging was handled on the Danish System were as follows:

HEREFORDS—Blue Division—Quincy (Champion), Walnut Hill Turkey Creek, DeLand, Lake City, Live Oak; **Red Division**—Plant City, Greensboro, Fort Pierce, Jennings; **White Division**—Poplar Springs, Paxton, Greenville, Tavares, Vero Beach, Branford, Vernon.

BRAHMANS — Blue Division—Plant City (Champion), Crystal River, Umatilla; **Red Division**—Leon High (Tallahassee), Hastings; **White Division**—Chipley, Edison (Miami), Callahan, Kathleen.

Mr. R. Stuart, Manager of Sears Roebuck Store in Tampa, made the presentation of ribbons for the placing in the Danish System.

The Sears Foundation provided \$500.00 to the chapters involved for transportation which was distributed according to distance traveled.

Below is a list of entries and awards won in the FFA Division:

Quincy FFA, \$57.50; Walnut Hill FFA, \$57.50; Turkey Creek FFA \$55.00; DeLand FFA, \$55.00; Crystal River FFA, \$55.00; Bill Sheely FFA, Lake City, \$55.00; J. F. Williams Memorial FFA, Live Oak, \$55.00; Umatilla FFA \$55.00; Hastings FFA, \$50.00; Ft. Pierce FFA, \$50.00; Leon FFA, Tallahassee, \$50.00; Greensboro FFA, \$50.00; Jennings FFA, \$50.00; Chipley FFA, \$45.00; Poplar Springs FFA, \$45.00; Vernon FFA, \$45.00; Paxton FFA, \$45.00; Callahan FFA, \$45.00; Miami-Edison FFA, \$45.00; Tavares FFA, \$45.00; Vero Beach FFA, \$45.00; Greenville FFA, \$45.00; Branford FFA, \$45.00; Kathleen FFA, \$45.00; Suwannee FFA, Live Oak, \$42.50; Frank Toney, Ft. Meade, \$42.50; Dick Kelly, Largo, \$42.50; Eugene Pratt (2 animals) Brandon, \$82.50; George Evans, Ft. Meade, \$40.00; Jack Henderson, Ft. Meade, \$42.50; Joe Hindery, DeLand, \$40.00; C. B. Hatch, Eustis, \$42.50; Andrew Jackson, Sebring (2 animals), \$85.00; James Hargrave, Lake Placid, \$42.50; Archie Kelly, Bell (3 animals), \$107.50; Arlen Wetherington, Turkey Creek, \$42.50; Van O'Neal, Turkey Creek, \$40.00; Norman Urquhart, Plant City, \$40.00; Fred Pippin, Plant City, \$42.50; Edwin Alderman, Plant City, \$40.00; Jack Sloan, Groveland, (3 animals), \$120.00; John Watkins, Groveland, \$40.00; Perry Smith,

Hastings, \$40.00; Max Carr, Sarasota, (2 animals), \$82.50; Ray Higgins, Kathleen, \$42.50; Sarasota FFA, \$40.00; Plant City FFA (3 animals), \$147.50; Kenneth Wetherington, Bartow, \$42.50; Luther Feagen, Bartow, \$42.50; Otto Hines, Bartow, \$40.00; Glenn Carpenter, Bartow, \$42.50; Bill Bearrentine, Bartow, \$40.00; Joseph Cockran, Bartow, \$42.50; Lloyd Harris, Bartow, \$40.00; Billy Stuart, Bartow, (2 animals) \$82.50; Eugene Griffin, Bartow, (3 animals), \$122.50.

In addition to this \$3,012.50 in awards, several hundred dollars was won in open class competition with adult entries by the Future Farmer Chapters and members.

Bartow Wins State Fair Judging

THE BARTOW F. F. A. CHAPTER was rated first in the Livestock Judging Contest at the Florida State Fair on February 4, 1950, with a team score of 1150.5. Tavares Chapter team of Bill Nutt, Donald Loper, and Herbert Hawthorne, was second with a score of 1158.1; Lafayette (Mayo) was third with a score of 1152.6; and Quincy was fourth with a score of 1150.3.

The Alachua F. F. A. Chapter won the Hay, Grain and Forage Exhibit Judging Contest with a score of 275. Billy Pruitt, Lamar Dupree and Lamar Malphrus were the members of the Alachua team, with M. W. Hoover, adviser. Lafayette (Mayo), Lake Butler, and Bethlehem were the second, third and fourth winners, respectively.

In the Fruits and Vegetables Exhibit Judging Contest, Reddick Chapter team of Tommy High, Wilson Smith and Albert Estes with G. L. Holder, adviser, won with a score of 269. In the next top three places were Zephyrhills, DeLand and Belle Glade, respectively.

Next fall, the Bartow team Atlee Davis, Billy Martin and Lloyd Harris with G. C. Howell as adviser will represent the Florida F. F. A. Association in the National Livestock Judging Contest at the American Royal in Kansas City.

Mr. O. R. Hamrick, adviser of the Tavares team, will take them to Waterloo, Iowa to compete in the National Dairy Judging Contest.

The State Dept. of Agriculture donated \$500.00 in awards to F. F. A. Chapter teams participating in the judging contests outlined above. This amount was divided among 85 winning teams. An additional \$700.00 will be provided by the State Dept. of Agriculture for the two teams making out-of-state trips.

ATTEND the annual convention of Florida Association, F.F.A.

Collegiate Chapter Sponsors FFA Egg, Chick Show

THE POULTRY SCIENCE CLUB at the University of Florida sponsored the Baby Chick and Egg Show that was held on March 3 and 4. The Collegiate Chapter sponsored the collection of eggs for the F.F.A. part of the Show and from teachers of veteran-on-the-farm training classes. The F.F.A. part of the Egg Show had a total of 62 dozen. Chapters contributing eggs were: Alachua, Branford, Callahan, Dade City, Ft. White, Groveland, Hawthorne, High Springs, Kathleen, Lake City, Newberry, Plant City, Reddick, St. Augustine, Turkey Creek, Waldo, Wauchula, Wimauma, Zephyrhills, and Benjamin Franklin Jr. High, Tampa. Groveland F.F.A. Chapter won first prize in the F.F.A. division.

The Collegiate Chapter F.F.A. prepared an exhibit for the Agricultural College Weekend Fair. The scope of our National F.F.A. Organization was shown on a map of the U. S. indicating the number of chapters and the total membership of each state. On each side of the map pictures were displayed from those furnished by the Plant City Chapter. Various activities of the F.F.A. Day in Tampa, conferences, public speaking contests, and activities of the State F.F.A. Convention were displayed.

The Pahokee Chapter sent a very attractive display of fresh vegetables. They also sent an exhibit of ramie, showing the different steps in the processing of the plant after it has been harvested to the final fibre stage.

On the ends of each wing of the display were individual exhibits of farm mechanics work contributed by the Newberry and Plant City Chapters.

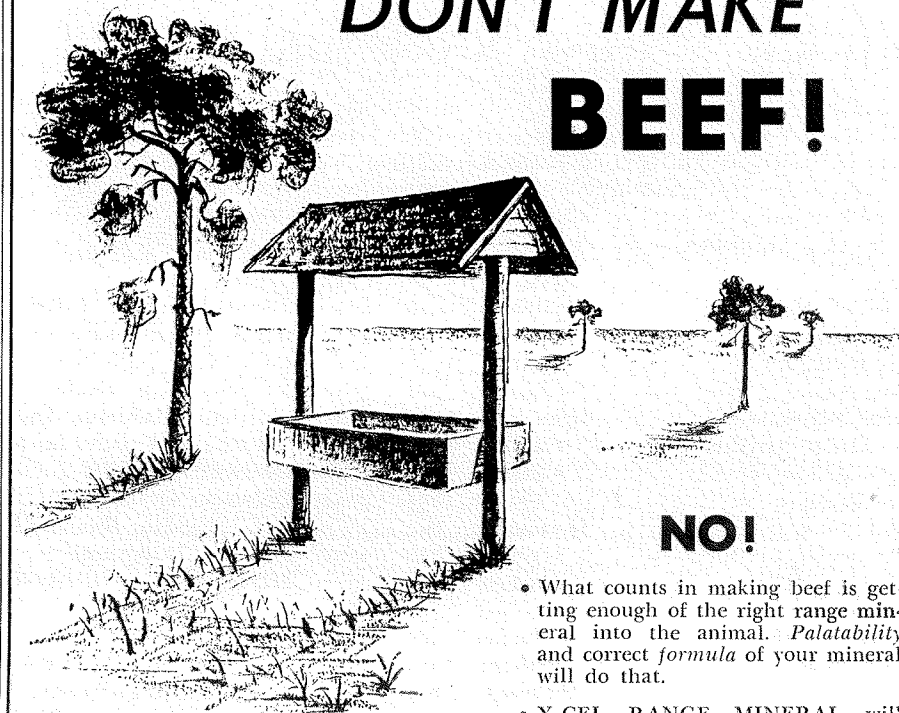
The exhibit was designed to show a few of the aims and objectives of vocational agriculture in Florida and how the program was being conducted in the local chapters.

The Collegiate Chapter also had a concession booth where various types of refreshments were available to those who visited the Fair. From this concession booth a profit of \$119.00 was made, which will be used to defray the expenses of a demonstration F.F.A. Banquet for those taking Practice Teaching. Prior to the Fair, President Don Padgett appointed committees to assume various responsibilities in connection with planning and putting on this exhibit. The members of the Collegiate Chapter took turns in keeping the concession booth open during the two days in which it operated.



Winners in the 1950 Baby Chick-Egg show are (from left) Seymour Wright, Oak Crest Poultry Farm, Jacksonville, 1st place White Leghorn chicks; B. J. Snyder, Hilliard, 1st place White eggs; Fred Ward, veteran on-farm training program leader at Summerfield, winner of best entry in white eggs, and (right) Dean Reitz.

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• And the X-CEL Range Mineral formula is correct—and Florida range tested—for better beef production.

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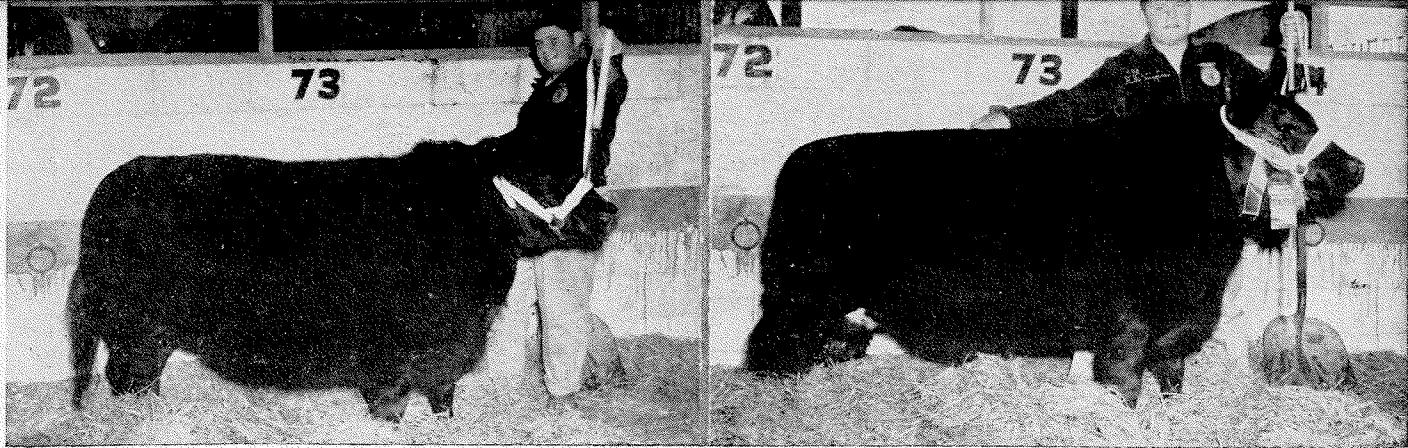
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H. F. Wiggins, Jr., (left) exhibits the FFA champion at the Tenth Annual Southeastern Fat Stock Show in Ocala, and (right) his reserve champion. Wiggins, a member of the Williams Memorial FFA chapter at Live Oak, exhibited Aberdeen-Angus cattle. (Florida Cattleman photos)

Live Oak Angus Win Tops in FFA Division in Ocala; Quincy Grand Champion Sells at Record \$1.10 Figure

THE GRAND CHAMPION brought a new high price of \$1.10 per pound February 1, at Quincy, where the Sixth Annual Fat Cattle Show resulted in two Gadsden County bred and raised steers winning grand and reserve championships.

10th Southeastern Show and Sale

H. F. WIGGINS, JR., member of the Williams Memorial FFA Chapter, in Live Oak, exhibited two Angus steers, which were judged the Champion and Reserve Champion of the FFA Division in the 10th Southeastern Show and Sale at Ocala, March 1, 2, & 3. He also won the Showmanship Contest, and the Mayo Scholarship.

FFA members exhibiting animals with the weight, price per CWT and the buyers are as follows:

Name	Chapter	Wt.	Selling Price per cwt.	Buyer
H. F. Wiggins, Jr.	Williams	926	\$55.00	Herman Sausage, Tampa
H. F. Wiggins, Jr.	Williams	975	43.00	Piggly Wiggly, Live Oak
John Richard	Alachua	1038	52.00	Lions Club, Alachua
Bobby White	Williston	922	37.00	Margaret Ann, Ocala
Achrol Whitehurst	Hernando	737	41.00	Morrison's Cafeteria, Tam.
Ben Arnold Griffin	Chipley	1125	31.00	Swift & Co. W. Palm Beach
Ralph Cellon, Jr.	Alachua	723	41.00	Lovetts, Gainesville
Leroy Baldwin	Ocala	1033	40.50	Dolomite, Ocala
David Koon	Hernando	897	45.00	J. C. Emerson, Brooksville
Ben Arnold Griffin	Chipley	830	37.00	Lovetts, Tallahassee
Kenneth Cellon	Alachua	728	43.00	Margaret Ann, Gainesville
Raymond Dean	Greensboro	757	36.00	H. S. Camp & Sons, Ocala
Lawrence Croft	Williams	902	38.50	Mack Co, Ocala
Edwin Dean	Greensboro	830	37.00	J. C. Emerson, Brooksville
Miles Mixon	Williston	611	49.00	Margaret Ann, Miami
James Carter	Ft. White	747	33.00	Morrison's, Daytona Beach
Joe Mixon	Williston	664	39.00	Williston Livestock Mkt.
Forest Perryman	Ocala	786	43.00	Commercial Bank, Ocala
James Carter	Ft. White	708	35.00	Lovetts, Jacksonville
Tom Rowand	Williams	892	36.00	Piggly Wiggly, Lake City

In the Showmanship Contest, H. F. emerged as the top Showman for the second year winning a silver trophy awarded by the Florida State Veterinary Medicine Association. Other F.F.A. winners in the contest were Ralph Cellon, of Alachua; Arnold Griffin, Chipley; David Koon, Brooksville; Forest Perryman, Ocala.

The best Herdsman award of a leather halter was given H. F. for keeping his animals the best groomed and the animals stalls the cleanest in the FFA Division during the entire show.

The Mayo Scholarship given each year to an outstanding FFA member at the Southeastern was awarded to H. F. for his Supervised Farming Program at home and his success at the Southeastern Show.

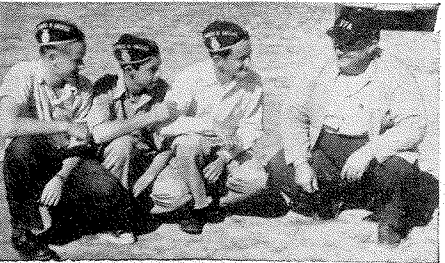
Mr. J. E. Gorman, Managing Director of the Florida Chain Stores Council, distributed checks totalling \$209.10 to the exhibitors that had the best "gain in weight" of the animals shown.

Grand Champion was a 1025-pound Hereford shown by Pat Thomas of Quincy and bought by Joe Walthall, Spearman Brewing Company representative in Tallahassee for \$1.10 per pound to gross the 16-year-old FFA member \$1,130.80. C. W. Thomas, Jr., of Quincy bred the steer and sold him to young Thomas.

Reserve Champion—an Aberdeen-Angus shown by FFA member Don Porter of Quincy and bred by his father, Dr. H. V. Porter—weighed 1023 pounds and brought 75 cents per pound from the Florida Packing Company of Quincy, grossing the youngster \$767.25.

Florida Chain Store Council continued its program of paying bonuses amounting to five cents per pound for each pound over one pound per day gained by steers after August 1, 1949. Porter received a check from Managing Director, Jim Gorman, of Jacksonville, for \$11.05 representing a gain of 221 pounds more than one pound per day during that period on his Hereford steer.

Grand Champion pen of three was shown by FFA member Shelby Smith of Quincy and purchased by John H. Swisher and Son of Quincy at \$29.25 per hundred weight to gross \$811.69 on 2775



Junior judging contest winners at Quincy were Campbellton Future Farmers Dickey Roenisch, Willie Paul Bruner, and Doyle Reeves, shown with Instructor G. Whitfield.

pounds. The animals were Herefords.

FFA members with winning cattle in order by classes were as follows:

FFA Heavyweights (over 900 pounds)—Thomas (grand champion); Porter (reserve champion); Elton White, Greensboro; Pat Woodward, Quincy;

FFA Middleweights (750 to 900 pounds)—Shelby Smith, Quincy; Spence McCall, Greensboro; Edwin Dean, Greensboro; Emmett Clark, Greensboro; Bobby Powell, Quincy; William Whiddon, Greensboro;

FFA Lightweights (under 750 pounds)—George Johnson, Quincy; Raymond Dean, Quincy; Wayne Hanna, Quincy; LeRoy Baldwin, Ocala; Bob Butler, Quincy; Wright Crosby, Greensboro;

FFA Pens of Three—Smith (Grand champion); Bentley, Quincy; Troy Jowers, Havana; Buddy Ford, Quincy; Billy Poston, Quincy; Scott Clark, Greensboro;

In the FFA judging contest, Campbellton Chapter was the winner; Marianna, Ocala, Cottdale, Poplar Springs, Greensboro, Graceville, Altha, Madison, Monticello Chapters followed in that order.

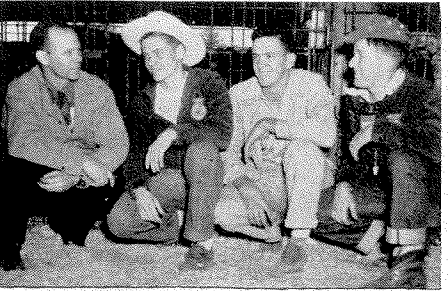
Edwin Duce of Greenwood Chapter was high individual with a score of 283 out of 300 points.

In Showmanship, Pat Thomas topped the FFA competition, followed by Raymond Dean, Greensboro; Jerry Owens, George Johnson, and Wayne Hanna, Quincy.

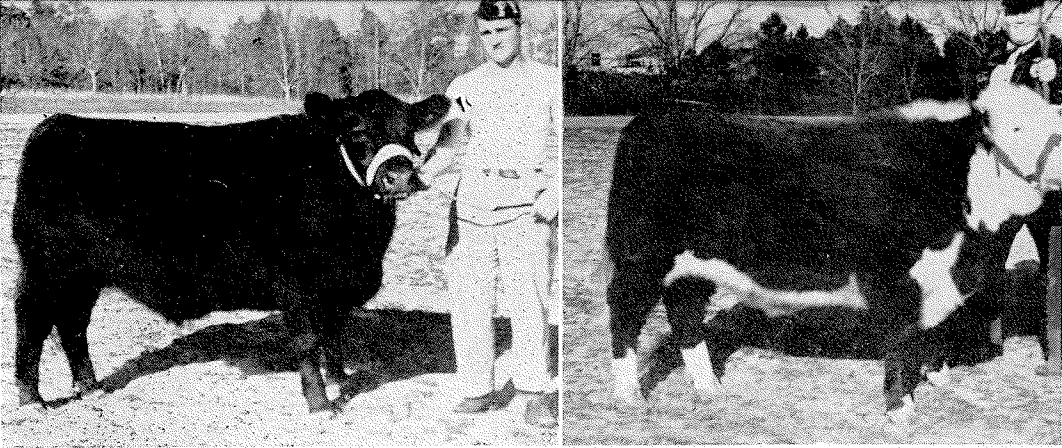
Five Year Lease

THE CITY COMMISSION of Lake City has granted Columbia High's Agricultural Department a five year lease on acreage at the old Naval Air Station for use of the FFA boys. The Commission acted upon a request for the grant by Byron P. Hileman, Supervising Principal of Lake City Schools.

MEMBERS OF THE Altha F.F.A. Chapter have been busy re-sodding the barren parts of the Altha High School Campus with carpet grass.



Judging contest winners at the Southeastern in Ocala were Larry Fagan, Harold Swain and Jimmy Dreggors of the DeLand chapter, with H. L. Fagan, instructor at extreme left.



Pat Thomas (right) poses his grand champion at the Sixth Annual Fat Cattle Show in Quincy, and Don Porter (left) shows his reserve. Both are members of the Quincy FFA chapter.



Group of bulls at Heart Bar Ranch.

If there were no demand for range bulls, there would be no purebred Brahman business in Florida.

That's why we're glad that Heart Bar bulls are in use on many of Florida's commercial herds. We're pleased that many commercial cattlemen come back to us year after year because our bulls, with their easy-fleshing "Emperor" and "Manso" breeding, mean more beef.

We invite everyone interested in top-quality Brahmans to visit our ranch and see our herd.

Heart Bar Ranch

HENRY O. PARTIN & SONS

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KISSIMMEE

FLORIDA

Florida Future Farmer Chapters Observe Future Farmer Week in February

FUTURE FARMER CHAPTERS all around Florida participated in the observance of National Future Farmer Week, February 18-25.

According to reports coming in from fifty-eight chapters, various means of calling attention to the organization and its benefits were used.

Local and state newspapers published news stories on FFA Week and feature articles about local activities. Most of the news stories gave information about Future Farmer history and statistics about investments, income, and people involved in Future Farmer projects in Florida. A

few gave details on statistics of this nature about the local chapters' accomplishments. A few papers carried editorials about the Future Farmers of America. School newspapers called attention to the significance of Future Farmer Week and local school chapter activities.

The Greensboro Chapter published a special edition mimeographed newspaper in observance of Future Farmer Week. This was an attractive six page edition playing up the history, activities, accomplishments, and plans of the Greensboro Chapter, Gadsden county, and the State organization. The paper was done in

good newspaper style and format; the stories were well written and appropriate. The mimeographing was clear and legible and the make-up very attractive.

More than half of the chapters in the state reporting FFA Week activities reported participation in chapel programs. Many chapters adopted the suggested radio program for chapel exercises.

The DeLand Chapter reports a round table discussion about the history of the Future Farmer organization and the local chapter's program in which three chapter members, H. L. Fagan, the adviser, and a master of ceremonies participated.

Governor Fuller Warren presents the proclamation designating February 18-25 as Florida Future Farmer week to State President, L. V. Vaughn of Gonzales, as State Superintendent Thos. D Bailey (right) looks on.

things they have. It is evidence also of the readiness with which these boys will accept responsibility as well as a free gift.

Of equal import is the evidence, as seen in the work of F. F. A., that farm boys of today are not so ready as were those of a generation ago to bid good-bye to the old home acres at the first opportunity and break away to the towns.

Thanks to the growing understanding both of the possibilities of modern agriculture and of the opportunities they offer to intelligent and energetic youth, more of their number are staying at home and working resultfully for better things for themselves and for the country at large.

Hail to Our Future Farmers

(From Plant City Courier)

THE 300,000 HIGH SCHOOL STUDENTS studying agriculture over the nation might well become inspired by the activities of the eight chapters of Future Farmers in Hillsborough county, mostly in the eastern end of the county.

What our boys have done in pursuing vocational training in farming has been pretty well demonstrated at our own Junior Agricultural Fair in December and their fine showing at the Florida State Fair in Tampa recently.

Listen, if you will, to the cash register record of these boys who attend high schools at Plant City, Turkey Creek, Pinecrest, Brandon and Wimauma and the negro high schools at Plant City and Tampa.

In 1949, they raised \$96,685 worth of farm products in their supervised projects at home and at school. They reported \$76,460 in net profits. The produce ranged from beans to fishing worms—34 varieties in all.

Strawberries led the list with gross sales of \$18,000. Green pepper was next with \$14,734. One enterprising lad cleared \$310 from the sale of fishing worms.

Hillsborough Future Farmers have received state and national recognition, and *The Courier* salutes them and their splendid teachers and advisors for worthwhile work well done.

This program was given twice—once for senior high school students and once for junior high school students, by two different groups of boys.

Radio programs were broadcast by a number of chapters, many of them using the radio script especially prepared by the state department through the cooperation of the Forestry Service for this week, emphasizing forestry projects of the state and local organizations. The DeLand, Suwannee, Greensboro, Apopka, Hillard, Tavares, Marianna, Lake Butler, Tate, Redland, Ocala, Stuart, Ft. Lauderdale, Vero Beach, Bill Sheelly, Lake City, Vernon, and Macclenny chapters made radio broadcasts; the White Springs Chapter broadcast over a Valdosta, (Ga.) station about their chapter accomplishments; the Quincy Chapter combined music by FFA members and running comments on chapter accomplishments and facts about the Future Farmer organizations. The Ocala Chapter had a program broadcast over WTMC each day during Future Farmer Week. In addition to using the Forestry program, this chapter worked up programs on outstanding individual FFA

members' projects and chapter accomplishments.

Many local radio stations used "plugs" about the organization during Future Farmer Week.

Several chapters had programs for the FFA also, and a number had chapter programs in observance of National Future Farmer Week. Outstanding members or officers of local chapters appeared before civic groups as Rotary, Kiwanis, Lions, and JayCees and spoke of FFA accomplishments and needs.

The Suwannee chapter observed Future Farmer week with a dedication program. (This story is told in detail below.)

Several chapters placed exhibits in local stores and community fairs calling attention to Future Farmer activities and accomplishments.

The Lakeview Chapter, Winter Garden, visited another chapter (the Seminole Chapter at Sanford) in observance of the week's activities.

Two chapters, High Springs and Macclenny, threw the spotlight on FFA Week by staging their annual banquets during this week.

Live Oak Kiwanians Cooperate with FFA in Conservation Project

LIVE OAK KIWANIANS and the Suwannee Chapter of the Future Farmers of America joined hands in a land-use and conservation effort Thursday, February 16, when 80 acres of land was presented to the chapter by the Kiwanis Club for use in promoting "pine tree and cattle prosperity in Suwannee County."

At noon, Sam Gibbs, the Kiwanian who conceived the idea of the demonstration plot, presented Charles Collins, president of the FFA Chapter, the lease on the 80 acres. State Representative Randall Slaughter delivered the main address at the dedication program. He was previously made an honorary FFA member because of his work with the Suwannee Chapter.

Slaughter said, "The future of this county lies in pine trees and cattle prosperity."

He urged other civic clubs to sponsor more such farm projects for youths.

Gibbs, a Live Oak Kiwanis member and a lieutenant governor in that Kiwanis District, said, "I feel that this type of practical demonstration program will help further the interests of farming in Suwannee County and all of Florida."

Harry Wood, state supervisor of vocational agriculture, called the project, "the best demonstration of cooperation between a farm club, a civic club and business men, that I have ever seen put on in Florida."

Before and after the dedication ceremony, 40 acres of the plot were fenced and planted in pasture grasses by the FFA members and Live Oak business men who furnished equipment and crews

Random shots at Live Oak • 80 acres of land was deeded to the Suwannee FFA chapter by the Kiwanis club of Live Oak for the planting of trees and pastures in a program for "pine tree cattle property." • Second panel shows Charles Collins, Suwannee chapter president, signing contract for the land with Tilly Leigh (left), president of the club, as Sam Gibbs, Kiwanis division lieutenant governor • Fred Green, president of the Suwannee River Valley Development Association, points to features of a disc harrow used in the ground breaking ceremony at Live Oak February 16. • Bottom picture shows Mr. H. E. Wood, state supervisor of vocational agriculture showing a group of boys the auger post-hole digger which sets two posts a minute.

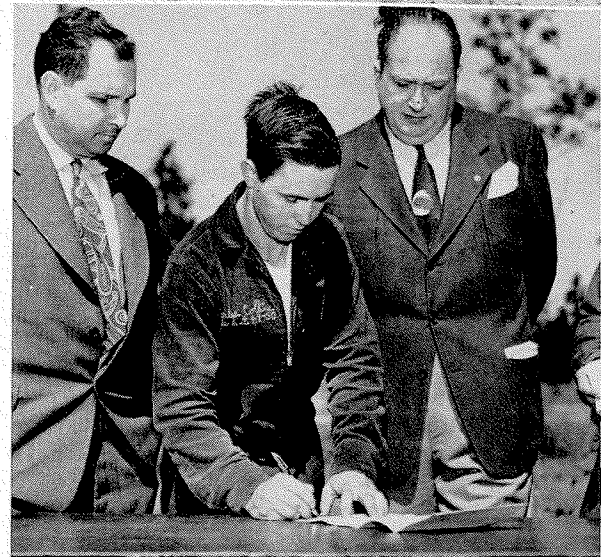
Farm Gift is Tribute to Youth

(From Florida Times Union)

ONE OF THE FINEST of recent testimonials of faith in Florida youth is the action of a service club in presenting the Suwannee River Future Farmers of America with title to an 80 acre tract of fertile land, to plant, tend and cultivate perpetually as their own.

And the boys, true to the spirit of F. F. A. youth everywhere, respond that their new 80 acres will be put into immediate and profitable use. Forty acres of the tract will be devoted to demonstrations to show what grasses will grow best in the North Florida district. The other 40 will be planted in pine seedlings.

This latest of F. F. A. gifts is evidence of the continually increasing appreciation by adult groups and community leaders of what the members of this earnestly active youth organization are capable of doing with the



to help the club. A planting machine set out 2,000 slash pines on the other 40 acres, and 5,000 pines had already been set out.

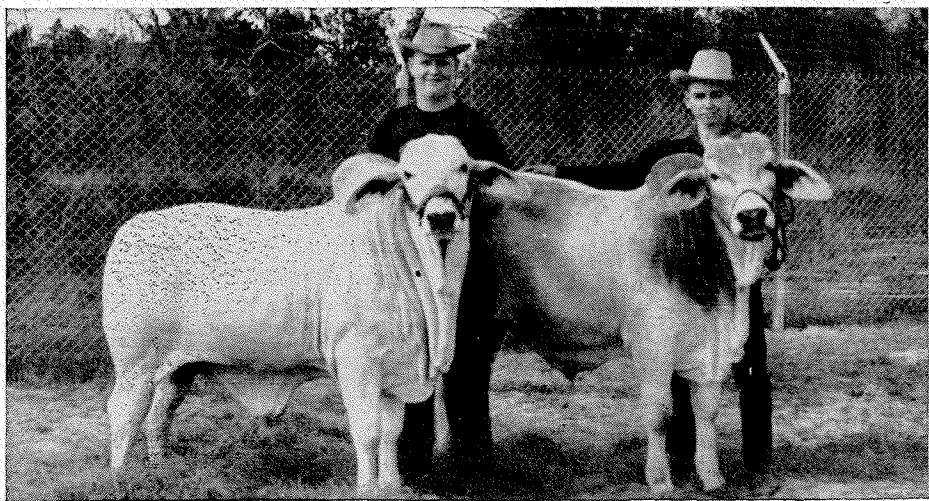
Many firms from the surrounding area furnished equipment for plowing the land, putting up the fence, planting the pines and cutting a fire line around the area planted in pines.

The Kiwanis Club purchased the land with \$1,000 in war bonds purchased during the war. The Kiwanians will pay all expenses of working and planting the property and the Suwannee Chapter will pay back the money with proceeds from the sale of timber and cattle.

Rees Mills, vocational agriculture teacher at Live Oak High School, said that each FFA member would spend about a day and a half each month working on the plot. Credit will be given in their agriculture courses for this work.

Mills said that "eventually seven types of grasses will be planted on the pasture area. Scientific records will be kept on each cow grazed on this land to see which type of pasture grass is most beneficial to the Suwannee County cattle industry."

"The trees will be grown in accordance with proven forestry practices. They will



These Brahman were champions in the junior Brahman show held at Ocala. Upper panel shows Bobby Griffin left, of Bartow with Cadanza 9th, champion bull, and Edwin Priest of Anthony with Dandelion's Destino reserve champion bull. (Florida Cattleman photo).

be kept free of wildfire, and we will call on Wyman Garland, our farm forester, for advice in making timber sales and selective cuttings," the chapter advisor said.

B. F. Leigh, president of the Live Oak Kiwanis Club, presided during the program. Senator G. Warren Sanchez acted as master of ceremonies. Lake City and

Jasper Kiwanis Clubs and the Live Oak Rotary Club were special guests. Representatives of the Florida Forest Service and other state agencies were also present.

After the dedication ceremonies, the FFA members went back to work transforming the land into something of value for Suwannee countians in future years.

Florida JayCees Set Up Farm Program Designed to Fit Requirements of Respective Communities in State

THE AGRICULTURAL PROGRAM of each Junior Chamber of Commerce in Florida* must be chosen to fit the needs of the community concerned. From the vast store of ideas already tried by other organizations, every group should be able to draw a few which are adaptable to their situation. Three or four ideas, pursued diligently will develop into an agricultural program of which any Junior Chamber of Commerce might be proud. A worthwhile program will carry through the entire year, rather than reaching a high spot and then remaining dormant. Plans should be so made that agricultural events should follow in logical sequence, recognizing the seasons through the year. The State agricultural committee has listed below several projects or enterprises that have been successful and responsive. The local agriculture committeemen may have several projects to add to this list. Community needs should be diagnosed by the committee and a program put into operation. Once an agricultural program is started, there will be no difficulty in finding desirable projects. However, only after the Jay-Cee membership has been acquainted

*This is published to suggest to chapter advisors how they can cooperate with local JayCees.

Projects:

1. **Pig Chain**—The Junior Chamber of Commerce buys a pure-bred gilt and presents it to a young FFA or 4-H club member with the understanding that he will give two pigs from the gilt's first litter back to the club. The club then presents these two gilts to young farmers and so on, continuously. Before you know it, the community has fifty or sixty pure-bred hogs of excellent breeding stock . . . and, too, these young farmers take great pride in showing these animals at fairs, livestock shows, etc. Contact your County Agent and your teacher of Vocational Agriculture.
2. **Sponsor Livestock Show or Fair**—Livestock shows can create much interest among both city and rural people. It provides excellent opportunity for the livestock breeder, Future Farmers and club boys and girls to ex-

hibit their skills and arts of breeding, selecting, feeding, fitting and showing their animals. It creates a friendly and competitive spirit among participants and promotes the use of improved livestock practices. Since many counties are already holding livestock shows, it might be to the advantage of the JayCee Clubs to contact local fair committees for advice. A number of the JayCee Clubs in Florida cooperate with other agricultural groups in sponsoring livestock shows.

3. **Dairy**—June is the dairy month. The dairy program should consist of a dairy cattle show with other added features. Proper handling of milk, proper feeding practices judging animals, selection of better sires and dams are a few things that may be included. For publicity and drawing attracting, you might have one of the following projects in connection with the dairy show

1. Healthiest baby contest.
2. Milking Contest (between prominent civic leaders).
3. Dairy Queen.

4. Award top producing cows in your area.
5. Arrange meeting with Dairy Farmers.
4. **Pasture Tours**—One of the best means for promoting pasture development. The South is steadily growing into a major livestock producing area, and Florida is leading the way. You will find hundreds of farmers in your county interested in pasture development. Contact County Agent, Vocational Agriculture Teachers, Veteran Teachers and SCS officials. They will appreciate your cooperation and interest.
5. Invite FFA parliamentary procedure team to your club to demonstrate parliamentary procedure. These Future Farmers of America will surprise you.
6. Invite the champion 4-H Club boy and girl of your county to your club and honor them. Present prizes or medals.
7. Sponsor outstanding Farm Boy and Girl contest in your county. A lot of prestige may be gained by local JayCee Clubs as a result of such action. Basis of selection should include farm work, character personality, school grades, etc. Contact Superintendent of Schools, Vocational Agriculture Teachers and County Club Agent.
8. Be sure to invite the winner of the FFA public speaking contest to your club.
9. Sponsor one 4-H Club and one FFA member to summer camp this year. These two organizations conduct outstanding training camps for rural boys and girls each summer. Years of work and planning have produced outstanding accomplishments by young farmers as a result of the training they received while attending these camps. Expenses for each person runs anywhere from \$10.00 \$25.

The State Agricultural Committee welcomes your inquiries and will attempt to provide you with complete information on any project you undertake. Each club should carry out items 5, 6, 8 and 9. This can easily be done. All clubs should select at least one of the other projects listed and begin work at once.

Let's make 1950 the biggest year in JayCee history!!

Guyton M. Williams, Chairman, State Agriculture Committee.

THE JENNINGS CHAPTER sponsored the Hamilton County Agricultural Fair, Friday, December 9.

Transitions in Agriculture

(Continued from page 3)
security and welfare—greater than possibly any other group.

To meet these challenges the young people of today—who will take over in the future—need vision, training, and the urge to improve themselves and to help others.

Our country needs well trained men who will work hard who will be fair and honest in their dealings with other men who respect God, and men who want to keep our nation great and who will strive to keep it great.

Never should we forget that our greatest single material resource is our land. Always should we be mindful it must be handled so it may be kept productive

if our nation is to remain great. In the life of a nation, land is pertinent, while a man occupies land for only a short span. A deed only gives him possession for a time, and then the land passes to others. The farmer is the guardian of this resource.

Farming is a way of life as well as a way to earn a livelihood. The opportunities for success are as great as in most other fields and the hazards no greater.

Farm people must continue to provide leadership in local, state and national affairs, and to provide this leadership our farm youth should have full opportunity to develop and to be in a position to think soundly, act efficiently, and capably assume the responsibilities that will come to them in solving local, state, national, and international problems.

Anything we can do to assist you with your livestock program?

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Veterans Join Conservation Plan

MORE VETERANS are becoming conservation farmers through the cooperation of on-the-farm training and the U. S. Soil Conservation Service. Les Jacobsen, planning technician for the Soil Conservation Service at Sanford, reports that John Pierson, veterans vocational agriculture teacher and Kenneth Eaddy, vocational agriculture teacher, were instrumental in helping to start conservation farming.

O. B. Griggs, J. B. Brown, A. B. Tedford, Roger A. Jeminez and Guryne McCrum are the newest "conservation farmers" only a few years removed from muddy foxholes and beach landing crafts to start cooperating with Florida's 45 local Soil Conservation districts.

Most of them own vegetable producing farms and plan to plant hairy indigo for soil conservation measures this summer. Also included in their plans are retilling, installation of new tile and leveling their lands.

Griggs recently won third place in a contest sponsored by the Orlando Daily newspaper to select the outstanding Central Florida farmers who work on a live-at-home program.

Finishing Touches Yet to Come At Farmstead of Lake Island

"I'M A LITTLE BEHIND in my fishing" was the laconic remark of James Watson on a chilly November evening last fall as he stood by the fireplace of his new Tusconaga Island home and welcomed his friends to his hearth at a housewarming party.

James Watson was born on this same island in Lake County about three miles southeast of Center Hill and graduated from Groveland High School. After serving six years in the Navy as Chief Photo-mate he came home to his wife on March 1, 1946 and began farming in Sumter County. For the past two years he has been a member of the On-the-Farm Training Program in the Webster High School class. He is president of the Young Farmers Association of Webster.

After the spring crop was over, James began felling tall straight pines for his home and hauling them to a nearby sawmill. When the time came to saw the logs, the sawyer of the local mill was called away, so James learned to block logs on the carriage to be cut into lumber, and hauled it to his new building site where it was stacked to air dry.

On a hill beneath large oak and hickory trees he cleared the building site for his future home. This was done in July; in August he began to lay the foundation. His instructor and fellow trainees of the Wayne Valentine veterans' class came out one day to help him lay out and erect the framework. Three months later they were back with their wives for an old-fashioned house warming.

Finishing touches will be added later

when the farm work is not so pressing. In the meantime, Mr. and Mrs. Watson and their two young sons are enjoying the pleasures of their new home.

This is not a success story. It is just an account of what, in one instance, was accomplished at a minimum of cost with the aid of neighbors and fellow trainees when planning is coupled with hard work. Hard work is a pleasure when we are accomplishing things together. Maybe his fellow workers will help James Watson "catch up with his fishing."

Griffin Shows Top Brahman at Ocala

BOBBY GRIFFIN of Bartow exhibited the champion Brahman bull, *Cadanza 9th*, while Edwin Priest of Anthony, with *Dandelion's Destino*, won the reserve championship in the Brahman Show in Ocala, January 17-20.

The Umatilla FFA team, composed of Bud Walker, Jack Nelson, and John Westervelt, won the judging contest. Other winning teams, following Umatilla in order were: Bartow, Ocala, Reddick, Webster, Hastings, Brooksville, Plant City, DeLand and St. Augustine.

The winning high individuals in the judging contest were, Walker of Umatilla, Jimmy Dreggors of DeLand, Don Lovering of Sebring, Paul Singer of Brooksville, Atlee Davis of Bartow, Eugene Williamson of Ocala, Cedric Smith of Reddick, Billy Masters of Bartow, James Williams of Wauchula, Billie Mil- lar of Lake Placid, in that order.

70 Bushels of Corn is Yield of Holmes Veteran

SEVENTY BUSHELS of corn per acre, on twelve-bushel-per-acre land, improvement of swine through better breeding and better management and efficient use of labor and land through mechanization are a few of the many accomplishments of S. L. Forehand, Veteran farmer in the Institutional On-the-Farm Training Program, under the supervision of Foy Campbell, Veteran teacher Bethlehem area, Holmes County, Florida.

This trainee is learning to produce high yields of corn through increased humus and organic matter of the soil, intensified use of commercial fertilizer, and timeliness and improved methods of cultivation. He and several other trainees in this center had test plots of corn last year. All yields were good and these trainees are anxious to compete another year and many are confident of 75 to 100 bushel per acre plots. The seventy bushels per acre was an accurate measure of the corn produced on this trainee's test plot. These good corn yields continued over this entire corn acreage. According to field estimates of this trainee and his veterans instructor, Foy Campbell, his crop average, on a conservative basis tripled the state average. These yields are being made by realizing the value of barnyard manures and their wise application, through the use of high analysis fertilizers, properly applied, timeliness of cultivation and the use of hybrid seed corn.

In this area of open range, uncontrolled breeding, and high swine mortality, S. L. has brought his sows and their litters out of the "swamps" built lanes, pens and pastures so he can closely supervise his herd improvement. Last year, he saw how it is possible to raise nearly 100% of pigs farrowed instead of the usual possible 40 to 50%, by careful supervision and management. He has recently secured three registered bred Duroc gilts from the A. P. I. herd at Auburn, Ala. He is fully aware of the increased gains due to feeding protein supplement and minerals. For more efficient use of these feeds, he has built self-feeders. These feeders are mounted on slides which facilitate moving them with his tractor from one plot to another.

Last year this young farmer bought 160 acres of woods land, 35 acres of which he had cleared with a bull dozer and fenced. He used his tractor in getting this land in condition to plant watermelons and potatoes. He averaged ap-

proximately \$100.00 per acre off the watermelons and the potatoes were used for fall hogging. The acreage planted to watermelons had an excellent stand of grain sorghum on it that fit in well with the potatoes as a feed crop. For maximum efficiency of this feedstuff, he ran steers and hogs together on this land.

In an additional effort to improve this livestock system this trainee planted three acres of Crimson and White Dutch Clover last fall, using Crimson on the higher land and White Dutch on the lower ground. He plans to follow the Crimson with a seasonal grazing crop and seed a recommended grass with the clover this fall. He cleared ten more acres of new ground this past winter, had it stumped and now has it broken and prepared for watermelons. When the watermelons are marketed he is going to begin his preparation of this land for seeding to clover and grass this fall. He has a seed patch of Pangola grass that he believes may fit into his pasture system here.

In addition to improving his livestock practices, this veteran and his family have added to the farm home such conveniences as running water, hot water and a completely modernized kitchen.

When asked what benefits he has derived from the Veteran's Institutional On-The-Farm training program he replies, "With the knowledge I have gained through this program I have been able to bring about improvements and have added farm practices that I otherwise would not have accomplished. I am seeing the results of feeding livestock balanced rations, planting year-round grazing, using certified and hybrid seeds, planting cover crops and of replacing grade livestock with registered breeding stock."

Flame Hoe at Paxton

WHAT IS BELIEVED to be the only flame hoe in the State of Florida is owned by James W. Cook, a trainee in Paxton.

Cook has a thirty acre cotton allotment. With his labor saving device he can hoe his cotton for thirty cents an acre, whereas the cost would be about four dollars an acre if he had to depend on labor.

After two years of experience with this hoe, he has found it leaves him more time to grow feed for his cattle and hogs.

TRAINEES IN THE CLASS of Rankin Peaden at Escambia Farms School have free service of a pure bred Brahman bull owned by Quinton G. Steele, a veteran trainee of the class. The bull was obtained from Mr. Flint who recently moved his pure bred herd there from Texas.

Again and Again



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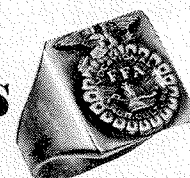
This combination is why NACO customers buy—again and again!




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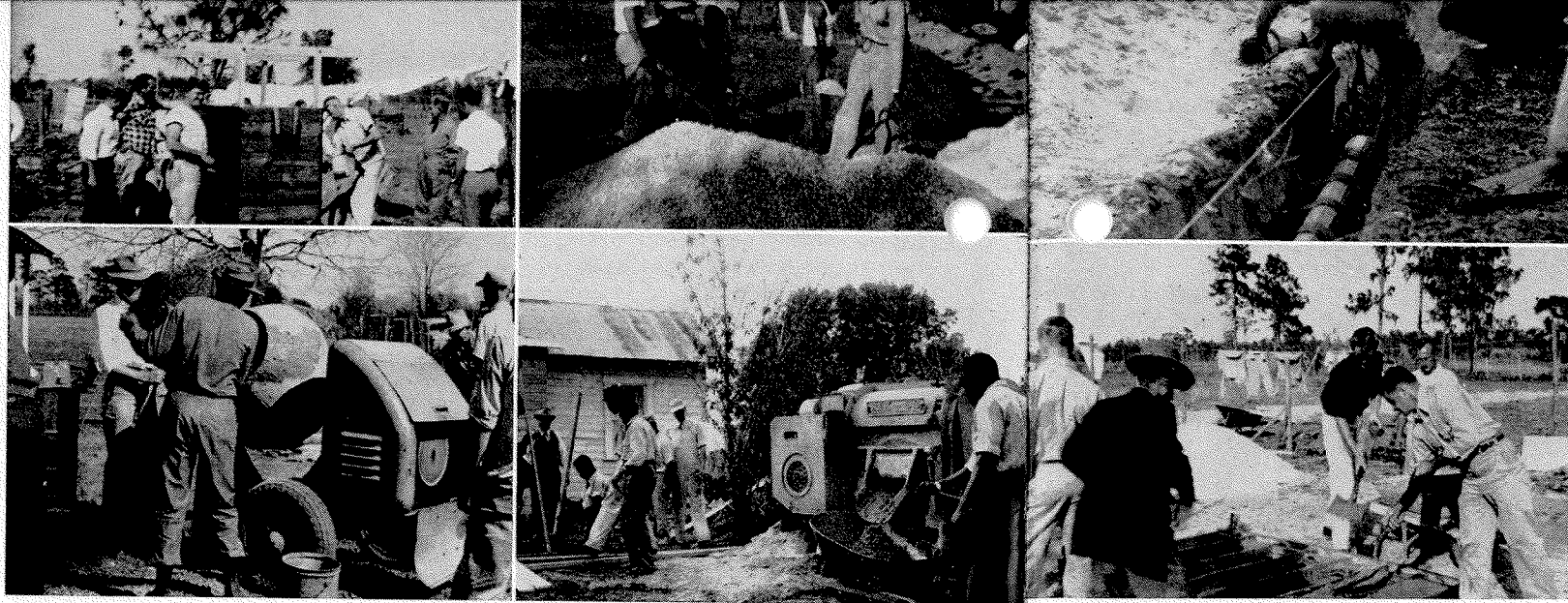
Make Your Own Septic Tank Installation

"SAVE TIME, TROUBLE AND MONEY and make your home life more pleasant by installing a bathroom and sewage disposal system." It was in this spirit that eleven septic tank demonstrations were held in Florida by the Veterans On-the-Farm Training Program under the supervision of G C. Norman, Veterans Supervisor of Vocational Agriculture. These demonstrations were held in cooperation with the Florida State Board of Health. The demonstrations took place as follows: Wauchula, February 20; Plant City, February 21; Groveland, February 22; Summerfield, February 23; Alachua, February 24; Ocala (Negro), February 25; Madison, March 2; Blountstown March 3; Monticello (Negro), March 4; Bonifay, March 6; and Walnut Hill, March 7.

The purposes of the demonstrations were to promote the installation of sewage disposal systems and to familiarize the veterans on-the-farm teachers and the vocational agriculture teachers with this project. It is the general opinion of many that the cost for such an installation as this would be so great that it would be beyond the means of the average farmer, but results show that by doing his own labor a farmer can install the sewage line, septic tank and drain field for less than seventy dollars. Local prices would be the determining factor in the cost of such an installation as proved by the fact that one demonstration was completed at a cost of only \$45.32 to the home owner.

Cost of Materials Used in Septic Tank Demonstrations in Florida

Location and Date	Home Owner	Soil condition	Outside Form Used	Dist. Box Yes No		Cement Sacks Cost		Sand Cu. Yds. Cost		Gravel Cu. Yds. Cost		Drain Tile Feet Cost		Filler Cu. Yds. Cost		Sewer Pipe Feet Cost		Joints & Tees No. Cost		Steel Feet Cost		Misc. Costs		Total Costs
Wauchula Feb. 20	Clarence Howze P. O. Box 30 Zolfo Springs	Dry and Sandy	No	No		19	\$21.85	1 1/2	\$6.00	2	\$12.00	75	\$11.25	2	\$12.00	6	\$2.00	2	\$2.00	90	\$7.20	\$2.25		\$76.55
Plant City Feb. 21	Clyde Coleman Rt. 4, Box 341 Lakeland	Dry and Sandy	1 side	No		18	22.50	2	N. C.	2	12.00	75	11.25	2 1/2	3.37	16	12.00	2	3.00	100	6.00	3.00		73.12
Groveland Feb. 22	W. W. Woods Box 217 Groveland	Dry Sandy Damp	Yes	No		14	15.12	2	4.00	2	9.00	75	7.50	4	N. C.	6	2.00	2	2.80	100	3.15	1.75		45.32
Summerfield Feb. 23	Joe Lucius Rt. 1, Box 87 Summerfield	Damp and Sandy	Yes	No		15 1/2	12.60	2	5.95	2 1/2	13.65	72	10.32	2 1/2	13.65	10	5.60	2	2.60	90	3.90	2.00		70.27
Alachua Feb. 24	S. M. Hamkins Rt. 1, Box 182 Alachua	Damp sand and clay	No	No		15 1/2	19.37	1 1/2	7.50	2	10.00	75	9.75	4	N. C.	25	16.00	2	4.00	100	7.00			73.62
Ocala (N) Feb. 25	Malachia Roberts Rt. 1, Box 77 Reddick	Dry sand and clay	No	No		12	15.00	1 1/2	6.75	2	16.80	65	9.75	4	N. C.	10	6.00	2	2.50	90	6.00	5.25		68.05
Madison Mar. 2	Phillip Smith Route 2 Madison	Damp sand and clay	1 side	yes	4.00	13	14.30	1 1/2	N. C.	2	12.00	80	8.80	4	N. C.	12	10.80	2	3.00	100	3.20			56.10
Blountstown Mar. 3	Agricultural Building	Mucky Clay	No	Yes	Cast	19	23.75	2 1/4	9.00	3	13.50	120	18.00	4	4.00	25	18.75	2	2.50	100	3.20	2.25		94.95
Monticello (N) Mar. 4	Thomas O. Bond Box 301 Monticello	Damp sand and clay	No	No		13	14.95	1 1/2	6.00	2	12.00	75	10.64	3	N. C.	6	5.40	2	4.50	62	3.91			57.40
Bonifay and Bethlechem Mar. 6	Cody Faircloth Rt. 3 Bonifay	Damp Clay	No	No		10	9.50	2	4.00	2	10.00	75	10.50	2	10.00	10	5.00	2	2.50	80	2.40			53.90
Walnut Hill Mar. 7	J. C. McElhany Rt. 1, Box 263 Atmore, Ala.	Damp Clay	No	Yes	Cast	14	14.70	2	N. C.	2	5.00	100	12.00	4	N. C.	10	9.00	2	5.00	90	N. C.	2.00		47.70



Upper left panel shows Charles F. Zinner and Elton L. Hinton, vocational agriculture teachers, and Eugene M. Fortner and Francis R. Edwards, veterans teachers, observing as Hugh Roberts, Farm Regional Engineer of the Portland Cement Association (paint bucket) demonstrates the oiling of the septic tank form before placing it in the ground at the Plant City demonstration. Upper right picture shows George R. Hornsby, Hubert H. Creel and D. E. Timmons, Jr., veterans teachers, mixing concrete with the aid of fellow teachers, at the Wauchula demonstration. Lower left panel shows teachers at the Walnut Hill demonstration learning the importance of careful measurement in mixing concrete and in lower right, Veterans Supervisor G. C. Norman and Roberts supervise mixing, casting and tamping of concrete at the Ocala demonstration.

As preparatory work for the demonstrations reusable forms were constructed in the vocational agriculture departments under the supervision of W H. Parady, Shop Specialist where the demonstrations were to be held. These were constructed at an average cost of thirty dollars and will remain the property of the vocational agriculture department. The forms are available to anyone in the community, free of charge, provided they are properly cared for and returned promptly. It is anticipated that other depart-

ments will construct similar forms for community use

After the site had been selected for each demonstration, the local veterans teacher contacted the County Sanitation Officer and with the help of the veteran trainee concerned, the location of the septic tank and disposal field was laid out. All excavations were made prior to the day of the demonstration by the trainees under the supervision of the local veterans teacher. A final check was given the layout by J. W. Wakefield, Sanitary

W. J. Krol, veteran teacher, is shown observing a fellow teacher laying drain tile for the drain field at the Groveland demonstration, and in lower panel, Dan Allen veteran teacher (right front with shovel) works on cover slabs assisted by fellow teachers at the Plant City demonstration.

Engineer, Bureau of Sanitary Engineering, State Board of Health, to see that all was in readiness for the demonstration. At Groveland, because of the looseness of the sandy soil, it was found necessary to construct an outside form. At other locations, as shown on the chart, outside forms were constructed at the time of the demonstration.

During the morning of each demonstration the group assembled in the local agricultural building. After introductions were over, Dr. K. E. Miller, assistant to the State Health Officer, outlined the role that the State Health Department plays in health and sanitation problems. Dr. Miller was followed by either Claudius J. Walker or Fred A. Safay, Sanitation Consultants, Field Technical Staff, State Board of Health, who explained the value of a sanitary sewage disposal system and the preparatory work necessary for such a project. The remainder of the morning sessions was taken up by Hugh R. Roberts, Farm Regional Engineer, Portland Cement Association, who explained the project in detail with the aid of film strips and the movie "Mr. Farmer Builds a Septic Tank."

After lunch the group assembled at the veteran trainee's home where the sewage disposal system was to be installed. It was here that Mr. Roberts explained the proper usage of tools needed for concrete work and demonstrated the methods of testing the materials to be used in the concrete. The group was then divided into four work groups and a rotation plan was used whereby each

person had an opportunity to participate in all phases of the installation. Mr. Roberts was in charge of the group at the mixer, Mr. Norman at the septic tank form, Mr. Parady at the cover slab form and either Mr. Walker or Mr. Safay at the drain field. The demonstrations were so planned and executed that all four phases were completed at approximately the same time. This eliminated any wasted time and proved to be one of the deciding factors in making the demonstrations so successful.

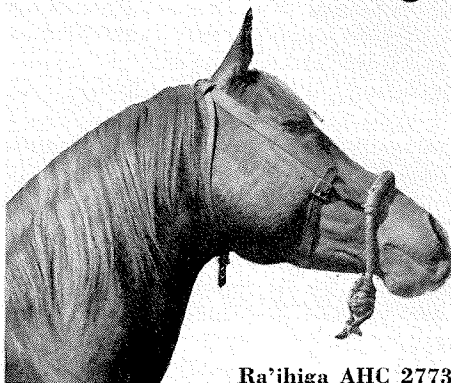
Should it be necessary to analyze the needs for a sewage disposal system? It may be of interest to know that in 1933 only 3% of the farms in the Southeastern States had bathrooms. Today, in 1950, more than 15% have bathrooms. Before a bathroom can be installed and for a sewage disposal system to work properly, there must be an adequate supply of water available under pressure and with the expansion of rural electrification this is becoming more and more possible. It is a proven fact that people are healthier and cleaner when running water and indoor toilets are available. Baths are no longer a drudgery with hot running water in the house.

A septic tank does not purify the waste but furnishes a means for it to be broken down into liquids, gasses, sludge and scum. The sludge settles to the bottom of the tank and the scum forms at the surface. The liquid flows out into the distribution box and thence into the drain field where it is absorbed into the earth and purified. This not only disposes of the waste but renders it harmless. In communities where there are no sanitary waste disposal systems there can be found a prominence of hookworm and dysentery. The State Health Department, in its work in the prevention of communicable diseases, strongly emphasizes the need for sanitary sewage disposal systems in small towns and rural communities.

Any type of septic tank installed should be approved by the county health department. All counties in Florida have local health departments except St. Johns, Hernando, Lee and Collier. Anyone in these counties desiring information concerning the installation of a sewage disposal system may write the State Board of Health, Jacksonville, Florida. Sanitation officers throughout the state have pledged their support and assistance to anyone desiring to install a sewage disposal system.

It has been determined in most localities that the most inexpensive way of installing a septic tank is to use the reusable forms provided they can be obtained without cost. With the reusable forms, the tank is cast in place and these forms, if properly cared for, can be used as

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OCALA, FLORIDA

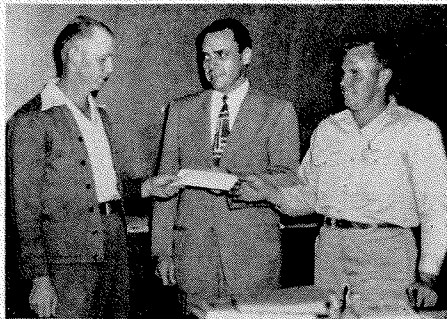
many as twenty-five times before any major repairs are necessary.

In selecting the materials for the concrete, the aggregate (sand and rock or gravel) should be carefully tested before being used. In one locality in Florida it was found that a local contractor was selling builders sand that contained many times the maximum allowable amount of tannic acid. Concrete made from sand with a high content of tannic acid will easily break and crumble and prove unsatisfactory for use.

One thought that should be kept in mind in mixing concrete for a septic tank is that the concrete should be watertight. To be watertight, concrete at mixing should not contain more than six gallons of total water to a sack of cement and then properly cured by being kept wet for seven days. If the sand is of average dampness five gallons of water should be added but only four gallons are needed if the sand is very wet. Once the cement-water ratio has been determined it should not be varied. The workability of the concrete is determined by the amount of sand and gravel that is added to the mixture. A trial mixture of one part cement, two-and-one-quarter parts sand and three parts gravel should be tried first to determine the mix. The 540 gallon tank, which is adequate for approximately 90% of our farm families, requires about 2.6 cubic yards of concrete. This includes six inch thick walls and a four inch thick bottom and top. The approximate amount of materials required with a 1:2-1/4:3 mixture are seventeen sacks Portland cement, one and one-half cubic yards well graded sand and two cubic yards graded gravel (maximum size one-and-one-half inches). About 10% should be added to these quantities for waste.

As shown on the chart, only ten and twelve sacks of cement were used at Bethlehem and Ocala, respectively. This was due to the coarse sand and well graded gravel that was used. Fine sand and gravel result in a less economic mixture, so again emphasis is placed on the importance of carefully selecting the aggregate to be used in the concrete.

Because of sandy soil being prevalent in Florida a distribution box would be needed in only a few areas, predominately in West Florida. The distribution box distributes liquids from the septic tank into the disposal lines. In Florida, for health reasons, a single drain line should not be more than 75 feet in length, but in sandy soil and with the 540 gallon tank, 75 feet of drain tile is usually of sufficient length to dispose of the waste properly. Should more than 75 feet of drain tile be necessary, a distribution box would then be required. A distribution box can be cast in place or bought pre-



Mr. and Mrs. John F. Lee (top) of Turkey Creek, are shown as they were photographed in a Tampa hospital. Lower picture shows Burch Cornelius, Pasco county polio fund chairman, receiving a donation of \$245 from George Riegler, representing veteran classes of W. L. Sparkman and R. D. Gill. The two classes raised the money for a cooperative drive.

cast for a reasonable sum.

The drain field consists of joints of drain tile laid end to end with one-fourth to one-half inch openings left in the joints. The slope should be two to four inches per one hundred feet with four to six inches of some type filler (crushed rock oyster shell, etc.) under and around the tile line. About two inches of this filler should be placed over the line and then a cover of paper or straw should be placed to prevent the earth from clogging the bed. Open joints of the line are covered with a piece of waterproof paper to prevent the filler from falling into the drain line.

If a septic tank is of sufficient size and properly installed, it should not need cleaning until after being used from five to seven years or longer. It should be inspected after the first five years and then periodically every year thereafter until cleaned out. A septic tank can be cleaned by either pumping or bailing out the sludge. When the sludge is removed from the tank it should be buried.

Turkey Creek is Hot on March of Dimes Campaign

VETERAN CLASSES have given outstanding community service in many instances since the On-the-Farm Training Program began. An example at hand is the pace set by veteran classes in the recent "March of Dimes."

One of the most ardent workers in the March of Dimes Campaign was John Foy Lee of Turkey Creek, whose wife had just taken leave of absence last October from her job as English teacher in the Turkey Creek School to have a baby, when she was stricken with polio and was left in a paralyzed condition. Their baby boy, George Everett, was born November 12 while Mrs. Lee was in an iron lung in the polio ward of Tampa Hospital.

The hospital rules permit no children in the polio ward; when the baby was eleven days old, Mrs. Lee was given one prolonged look—a look that must suffice for no one knows how long—before her youngster went home with his father.

Lee's neighbors have done a great deal toward the day when his wife will join her family again. Members of his On-the-Farm Training class built a 12x20 foot room on their house for Mrs. Lee's use and have raised a substantial sum of cash to help the family.

Lee was so grateful for what has been done for his wife that he offered to do anything to help. V. M. Newton, Jr., Chairman of the Hillsborough County March of Dimes, named him head of the Dover-Turkey Creek area drive to help promote benefit shows and entertainment.

According to a report from Sam O'Quinn, instructor of Lee's On-the-Farm Training Class, \$2,028 was raised in the drive.

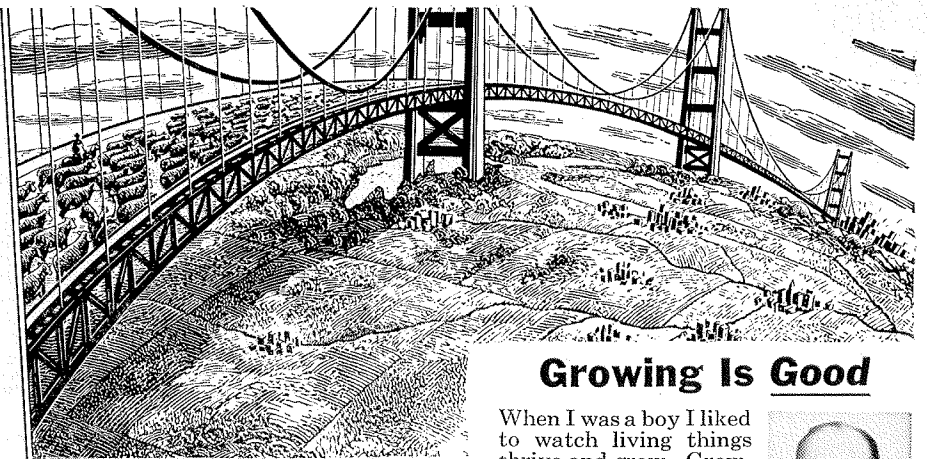
This same class of veterans previously had raised nearly \$400 to help another member, Wallace Beaty, just before his little two year old son Butch died of leukemia.

Hall of Fame Honor

SANDY JOHNSON, former State FFA President, was elected to the "Hall of Fame" at the University of Florida. Only a few selected Seniors are honored this way.

FOR THE PAST FEW WEEKS, the Leesburg F.F.A. Chapter has been getting land ready for planting corn. They recently planted 200 pounds of Irish potatoes.

The bridge that runs from Wyoming to Boston



A Route to Better Beef Cattle

by C. D. Lowe
U. S. Department
of Agriculture



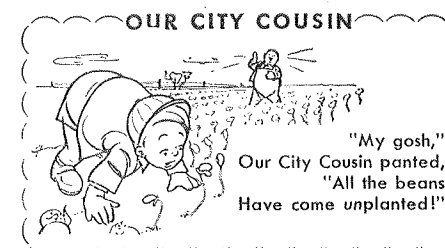
C. D. Lowe

It's a long way from Medicine Bow to Boston . . . from the western cattle and sheep range country, from the feed lots and hog farms of the Corn Belt, to the hungry cities of the east. Between where the meat animals are raised and where the meat is eaten there's an average gap of a thousand miles.

Bridging that gap is a service performed by the meat packing companies of the United States. They buy the livestock on the farms and ranches, and in the scores of markets. They process it into meat. Then they deliver that meat to 300,000 retail stores in every city and town across the nation.

It's truly a nation-wide job. And just as truly it's a necessary and important one. For without this "bridge" that runs from Wyoming to Boston—without the meat packers' "pipe lines" which link supply to demand—livestock producers would have to limit their herds and flocks to the numbers that their small local markets could consume. And the supply of meat available for consumers to eat would be limited by the small numbers of livestock produced near the cities where they lived.

We of Swift are proud of our company's part in starting, organizing and carrying on the nation-wide distribution of meat. Gustavus Swift pioneered in the development of the refrigerator cars which made the whole thing possible. Today thousands of refrigerated freight cars and trucks supply the Swift network of refrigerated branch houses and plant sales routes which crisscross the nation. It is an important factor in one of the world's most efficient low-cost food distributing systems . . . Yes, we are a part of that great "bridge" which serves and benefits producers and consumers alike. And we are mighty proud of it!



The route to better beef cattle lies in a breeding program based on the use of sires selected largely on performance in converting grass, grain and other feeds into beef with the greatest efficiency. Recent studies have shown that gains made by young bulls in the 5 or 6 months after weaning are closely related to the performance of their own calves.

The above statements are strongly supported by the results of comprehensive tests conducted by federal and state experiment stations, in cooperation with private breeders. These tests reveal that the ability for rapid growth and efficient use of feeds is inherited; that a herd may be built up into "better doing" animals by following proper breeding practices.

Controlled experiments with the progeny of various bulls show that the ability to gain fast varies considerably in individual animals. Over an extended period the rate of gain varied a pound or more per day; feed requirements per 100 pounds of gain often vary from 15 to 20 per cent.

Another important finding was that there was no relation between the physical make-up of an animal and its ability to gain and use feed efficiently. In other words, bulls with the best "eye appeal" could not be counted on to sire "better doing" calves than their less attractive competitors.

It used to be that bulls were tested by the performance of their calves. The newer tests based on the gains made by the young bulls definitely shorten the time required to appraise a prospective herd sire.

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Many interesting facts about dairy animals are told in Booklet F of our Elementary Science Series—"The Story of Dairy Animals." Illustrated, simply told, interesting to children or grown-ups. Write for your FREE copy today. Tell your teacher. We'll send free copies for every kid in the class. Address Agricultural Research Dept., Swift & Company, Chicago 9, Illinois.

Growing Is Good

When I was a boy I liked to watch living things thrive and grow. Growing was good. That's the way I still feel. And that's the way Americans have always felt. As a nation we have grown from thirteen states to forty-eight—across the entire continent. We have grown in size and numbers, in strength and power. It's an American trait to be proud of growth.

Yes, whether it's the nation or livestock, men or businesses, I believe growing is good. Many companies have grown in size to meet their responsibilities. They served better.

Why has Swift & Company grown? Most important is that people liked what we could do for them. Retail meat dealers learned that we provided the products and services they needed. Everything we sell must win the favor of the public. We were pleased to find housewives asking food stores for more of our meats, and asking for them oftener. We had to grow to keep up with the expanding demand for our services and products.

A lot of livestock and other products are needed to meet this demand. To get them we must buy in many markets. We're dealing with big areas and long distances and with food stores in every corner of the nation.

Meat packers of all sizes are needed to handle the nation's huge volume of livestock, and to process and distribute the meat. Some of these began business many years ago and have grown to serve producers and consumers across the nation. Swift & Company is one of these which grew up because there was a big job to do.

F.M. Simpson. Agricultural Research Department

Martha Logan's Recipe for BARBECUED FRANKS

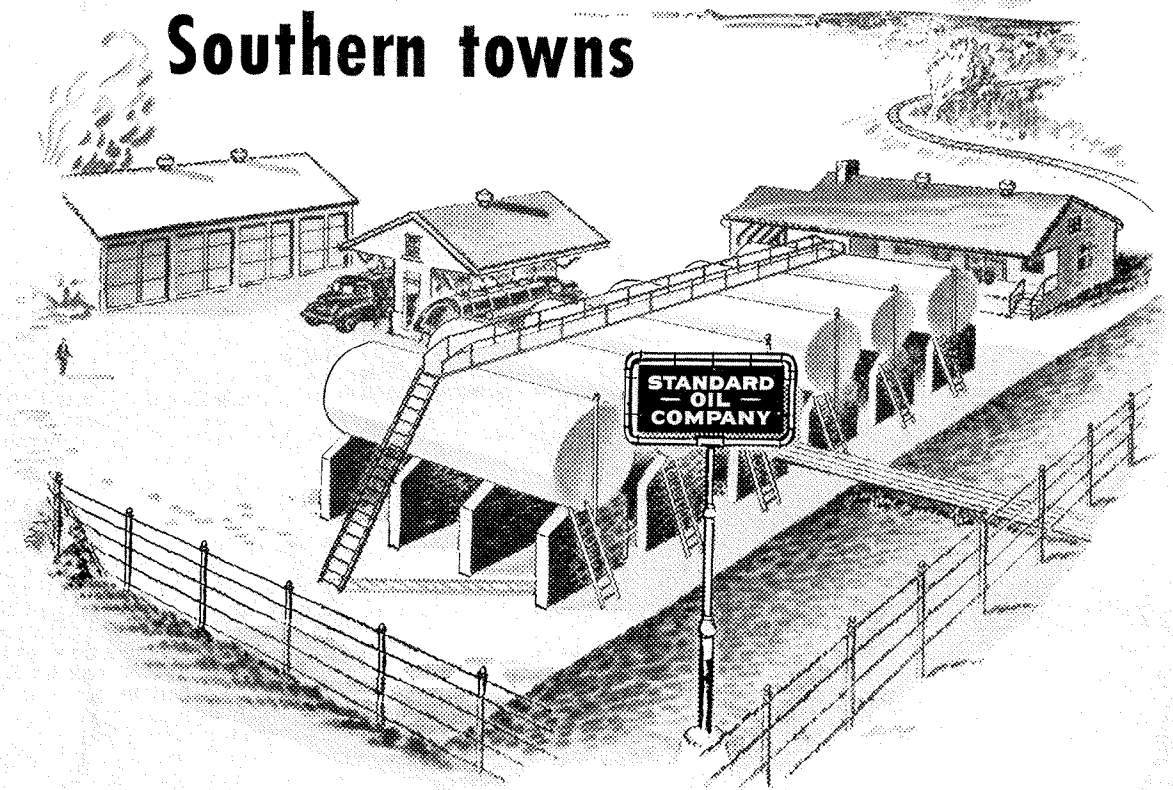
Prepare a thick barbecue sauce. Add one cup sauce for each one pound of franks and heat 5 to 8 minutes.
Thick Barbecue Sauce: 1 tsp. chili powder
2 small onions, sliced thin 3/4 cup water
2 tbsp. vinegar 3/4 cup catsup
2 tbsp. Worcestershire 1 tsp. salt
Mix all ingredients in a heavy skillet. Cover and simmer about 45 minutes. Yield, 2 cups sauce.

Swift & Company

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To insure a steady supply of Standard Oil products at all times, this Company maintains 535 bulk sales and distributing plants, conveniently located in the states of Alabama, Florida, Georgia, Kentucky and Mississippi. From these plants delivery trucks radiate throughout the surrounding areas.

This Company, and its local representatives in charge of these plants, are an integral part of these communities—interested in and contributing to their welfare and growth.

The majority of these Standard Oil representatives have had long experience in serving their communities, many of them for more than 25 years. Some occupy the same positions formerly held by their fathers—a continuity of dependable Standard Oil products and service down through the years.

STANDARD OIL COMPANY
(KENTUCKY)

