

The
Florida
Future
Farmer

VOLUME XI

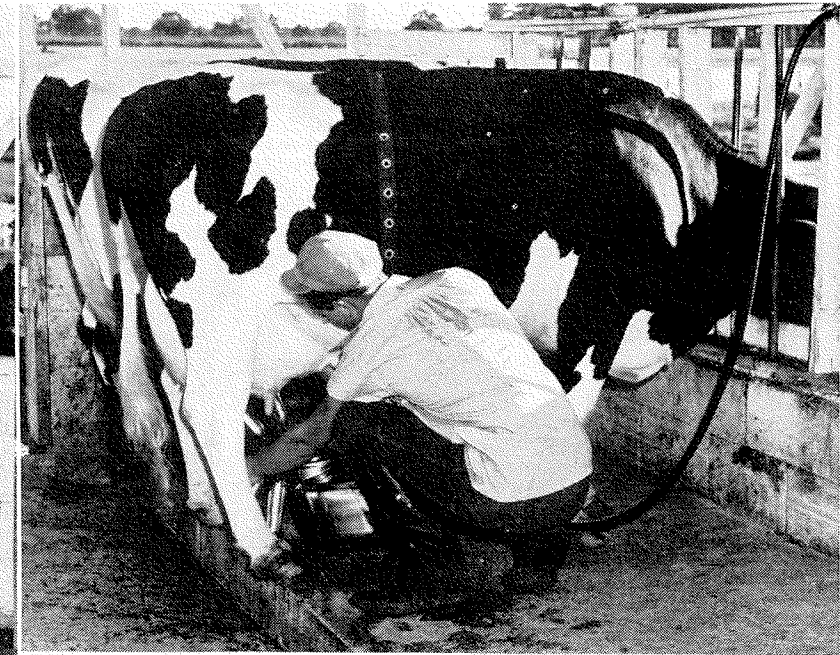
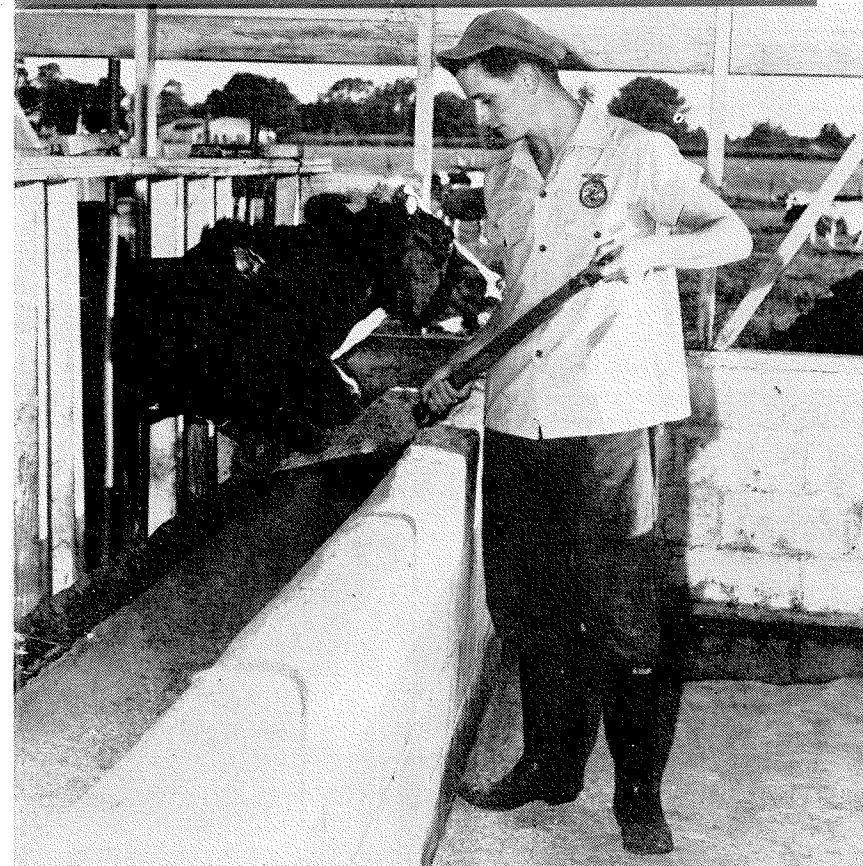
NUMBER 4

OCTOBER, 1950

Forestry Camp Attracts
200 FFA Members

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Are Long on Accomplishments

National FFA Convention
Kansas City, October 9-12





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By Way of Editorial Comment:

Future Farmer Forestry

by ROBERT N. HOSKINS, Industrial Forester, Seaboard Air Line Railroad

IN MARCH OF 1945, the late J. Franklin Williams, Jr., then State Supervisor of Vocational Agriculture for Florida, requested industry to set up a cooperative farm youth forestry program which would recognize achievement on the individual farm boy's property. It was his feeling a greater appreciation and understanding of the necessity for integrating the woodland area into the overall farming program would result by providing an incentive. His thoughts were that such a program should be regionwide and could be made so by inviting out-of-state Future Farmers into Florida. Such



HOSKINS

invitations could be earned by boys who had outstanding forestry projects. All-expense trips and scholarships would be given these boys to attend Florida's forestry training camp held annually at Camp O'Leno. Florida's forestry winners would receive cash awards.

The first year this program was adopted in four states and in 1946 all six southeastern states participated—Virginia, North Carolina, South Carolina, Georgia, Florida and Alabama. Later this program rotated to other states and the Florida winners received trips and scholarships to forestry training camps in these states. This idea of greater participation in forestry has borne much fruit during the past five years.

Following the death of "Florida's friend of the farm boy", H. E. Wood was named successor to Mr. Williams. Mr. Wood was a strong believer in proper land use. He saw the need for greater diversification in forestry—gum farming, thinning, the construction of fire lines (an aid to fire protection), improvement cuttings, and a greater reforestation program. His keen insight into the picture as a whole grasped the truth—that while the conservation movement would expand rapidly on the wings of the do-gooder, when it came to a final analysis of the program facts would rule: facts which spell economic strength through new wealth, new business opportunities, more security, higher standards of living.

As in other states of the South, Florida's farmer occupies an important position in the total forestry program because approximately 60 percent of woodland ownership is in the hands of the farmer. Therefore, it was indeed encouraging to receive the report of the State Supervisor entitled "A Summary of Practical Forestry Activities Carried Out Through the Vocational Agriculture Program." (Continued on page 2)

The Cover

State President and Chilean Nitrate Leadership Award Winner Don Fuqua of Altha is also Star Dairy Farmer of Florida. The cover shows him feeding cows (upper left), adjusting milker (upper right), with top cow (lower left), and loading milk (lower right).

THE FLORIDA FUTURE FARMER

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Littles and Bigs ...We Need Both



America is a big country—3,022,386 square miles. Denmark is a small country—16,571

square miles. In Denmark industry and agriculture operate on a small scale. In America the opposite is true. Mass production, mechanized farming, big food stores, are American phenomena. But their large scale does not mean they are necessarily good or bad.

The bigness of America's operations in agriculture, manufacturing and distribution results from America's bigness. To produce the means of livelihood in a big country with large resources, a large population, and high living standards, bigness in some country and city business activities can't be avoided. So bigness in itself is neither a vice nor a virtue, but a natural economic development.

Littleness is nothing to be ashamed of, either. Admittedly, in some forms of business the small businessman excels and he will continue to prosper in these fields simply because of the service he gives. There is room for Denmark and America in the world, and room for both big and little business in America.

F. M. Simpson,
Ag. Research Dept.

New Pasture Grasses Promising for Florida Conditions

by Thomas H. Bartilson,
Assist. Chief, Animal Husbandry Div. U. S. D. A.,
Beltsville, Maryland



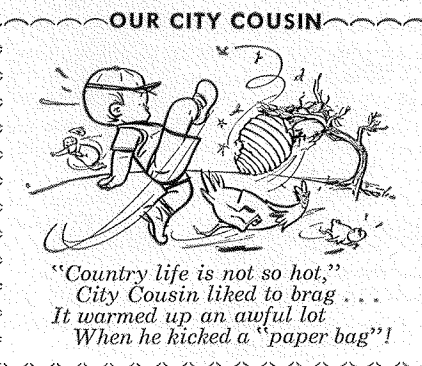
Thomas H. Bartilson

The U. S. Bureau of Plant Industry and the Florida Agricultural Experiment Station have recently developed three promising new pasture grasses for Florida conditions: Pangola grass, Pensacola Bahia, and Argentine Bahia.

In grazing tests at the U. S. Chinesgut Hill Sanctuary at Brooksville, Fla., from May through mid-November, yearling cross-bred steers produced 104 pounds of gain per acre on Pangola grass pastures and 97 pounds per acre on Pensacola Bahia pastures, as compared to 58 pounds on common Bahia pastures. Nursing cows wintered better (and their calves made faster gains) on Pangola with a pellet supplement than those on Cogen grass or on chopped sugar cane with four pounds daily supplement.

Dry cows pastured at the rate of better than two cows per acre on Pensacola Bahia for nearly 3½ months from September 1 made average gains of 77 pounds per head. Two-year-old heifers grazed at the rate of nearly one head to the acre on Pensacola Bahia and Argentine Bahia pasture for 2½ months beginning January 12 gained an average of 94 pounds per head. Both grasses were grazed readily even after they were mature, but the Argentine Bahia proved more palatable. During these tests, the weather was unusually dry, with a moisture deficiency of several inches below normal.

Both Pangola grass and Pensacola Bahia pastures are now being used by Florida cattlemen. Argentine Bahia is still in the experimental stage and no seed has as yet been made available.



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How Four Floridians Earned American Farmer

The American Farmer Degree is the highest award available to a young man enrolled in Future Farmer of America work. These articles tell something of the record of four of the six from Florida who have been nominated for the degree this year.

Bishop

MORDAUNT BISHOP, 19, is the son of Mr. and Mrs. Edward Bishop, Route 1, Aucilla, Florida. He lives on a general livestock farm. He has complete charge of 150 acres of land devoted to corn, peanuts, velvet beans, sweet potatoes, peas, watermelons, pasture for livestock. Among his accomplishments has been the demonstration that a good livestock program plus sweet potatoes and a good feed crop program will enable farmers to obtain a greater income. Mordaunt has netted enough from his farming operations to establish himself in farming.

He was President of the Aucilla FFA Chapter for three years and Reporter for one year. He served as Chapter Delegate to the Florida State Convention for two years.

His leadership record includes serving as a member of the Parliamentary Procedure team for four years, public speaker for two years, livestock judging team for three years, banquet chairman for three years.

Mordaunt was president of the Junior and Senior classes, and vice president of the Sophomore class.

Philmon

FLOYD PHILMON, 21, is the son of Mr. and Mrs. Shellie Philmon of rural Dade City. He operates and has complete charge of a 2500-bird poultry farm. Among his accomplishments has been demonstrating that for proper results one must have good chickens, a good feeding program, and good management.

Another of his accomplishments has been the promotion of a plant growing program in southern and central Florida for blue mold infected northern Florida and southern Georgia. He was the first to grow tobacco plants in South Florida and it has proven beneficial to himself and also to the industry, for there are many acres now devoted to producing tobacco plants in Florida.

His leadership record includes two years as president of the Dade City FFA Chapter, one year as Secretary, and in 1946-47 he was state reporter for the Florida Association FFA. He also served four years on the parliamentary procedure team, four years on the livestock judging team where he won first place in the individual competition at the Southeastern Fat Stock Show in 1946. He participated in public speaking four years,



BISHOP

winning second place in the state in 1947.

He is a senior in the college of Agriculture at the University of Florida. He has netted enough money from his poultry and plant projects to see him through four years of college. He is also carrying on with his leadership activities while at the University. He is vice president of the Ag Club, takes an active part in the Collegiate FFA Chapter, and is secretary of the Alpha Gamma Rho Agricultural Fraternity. He is also a member of the Florida Blue Key speaker's bureau. He plans to teach Vocational Agriculture when he finishes college next June.

The Davises

THERE ARE TWO YOUNG FARMERS in Gadsden County who are the pride of their family and friends, their associates in the Future Farmers of America Organization, and their Vocational Agriculture teacher. Forrest and Hal Davis themselves are often to be found grinning from ear to ear at their successes in the farming enterprise.



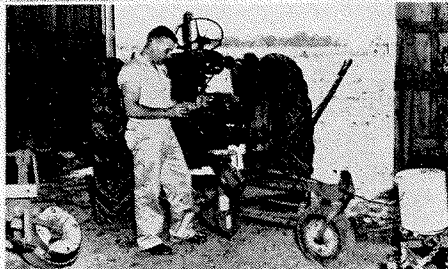
HAL DAVIS

These two boys represent the "Cream of the Crop" of boys in the modern type of farming. They were born on the farm, experienced the demanding yet equally rewarding nature of farm life as they were growing up, studied Vocational Agriculture in high school and have chosen farming as their career.

Forrest is the older of the two brothers. Just turned 21, he has already proved to himself, his farming neighbors, the farm specialists and agriculture technicians that he can succeed at farming. Since he began his training in vocational agriculture in the eighth grade, his records show a grand total of \$45,701.99 net profit for seven years; very few young men of 21, can know the feeling of security that knowledge of having earned this amount brings.

Much of the inspiration and training Forrest and his younger brother Hal, have had, came through their vocational agriculture course and FFA activities. Forrest enrolled as an eighth grade student of vocational agriculture in September 1942 and became a "Green Hand" in the FFA. When records on his farming program were completed he found he made a net profit of more than \$500.00 from one brood sow, five acres of corn and five acres of peanuts. The story revealed by the figures in his record books, pointed out the fact to the young boy that farming could be profitable and that it pro-

vided a challenge that appealed to him. "I decided that farming was the life for me." Each year he has undertaken a larger program investing his profits to increase the scope and number of his farming activities. For Hal it was a happy day when he too, could begin his course in vocational agriculture and become a member of the FFA. His first program included a registered Angus cow for breeding, 3 hogs for meat and one acre of shade tobacco.



Farming demands all-round abilities, and American Farmer Forrest Davis finds himself, top to bottom, tending his Hampshires, greasing mower, keeping records and repairing farm equipment. Davis lives near Quincy.

The farming program of these two brothers is a diversified one, centered around a combination of beef cattle and shade tobacco.

While Hal is attending the University of Florida, studying Agriculture, Forrest is looking after his farming operation whenever Hal himself cannot. They own in partnership, a 150-acre farm. Forrest has 80 acres of his own and rents additional land from his father and mother, and leases a 1620 acre tract on a long term basis.

Many improvement projects and supplementary farm practices have been carried

out such as: establishing a farm shop, setting up a grist mill, establishing improved pasture, breeding of livestock, beautifying and remodeling home and farmstead and reforestation of farm woodlot re-arranging fences and fields, clearing land, and establishing a home fruit orchard.

Forrest has a purebred herd of Hampshire hogs, the only one of this breed in his county. Their steers have garnered a sheaf of ribbons for their entries in livestock shows.

Farm machinery and buildings have been acquired to keep pace with an expanded and modern farming program. The first item of equipment purchased with their own money was a second-hand combine, the two bought in partnership. At the present time equipment and buildings owned by Forrest are valued at more than \$18,000.00. These include two tractors, two trucks, two tenant houses, several tobacco barns and a complete irrigation system for tobacco. Today his total net worth amounts to more than \$50,000.00, and Hal is rapidly accumulating the land, buildings and equipment needed.

Each boy served as Secretary and President of the Quincy Chapter. Forrest also was his senior class president and class valedictorian. In 1946 he was Star State Farmer and elected as first vice president of the State Association and was a delegate to the "Victory" National FFA Convention in Kansas City.

His neighbor farmers respect his outstanding farming ability; the bankers and business men recognize and approve the business-like manner in which he transacts his affairs with them. The men who work for him like him because he gives them fair and honest treatment. They stay with him because he makes it possible for them to earn a good living, and stimulates their initiative by methods such as paying them by the pound for tobacco produced on the area for which they are responsible instead of by the hour, day or month.

Hal followed in his brother's footsteps as secretary and president of his Chapter. In 1947-48, he served as president of the State FFA Association, was delegate to the national convention in 1947 and 1948, to Camp Miniwanca in 1948 and to the 1949 Louisiana and Alabama state conventions.

When Hal entered the University of Florida in the Fall of 1948, Forrest agreed to help look after his farm program although Hal remained in charge, returning on the weekends and vacations. In this way his farming program continued to go forward successfully. At the University he was elected president of his freshman class and the Gadsden County Club.

Both of these young men look to the challenge of the future with confidence and assurance. As Forrest puts it "Farming in our County has come a long way in the last few years. We have learned that in order to raise per-acre production, we need more fertilizer, legumes, and irrigation. I for one, believe that there is a future in farming, unsurpassed by any other industry. I will always be proud that I was a member of the Future Farmers of America".

It is not hard to see why the Florida Association is proud of that fact too, for he and his brother Hal have accomplished much to the mutual benefit of the association and the Davis brothers.

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The state champion FFA judging team from Bartow chapter pose with their cup and the chapter's registered Jersey bull. Team members (in caps) are, left to right, Lloyd Harris, Attlee Davis and Billy Martin, shown with vocational agriculture instructors R. B. O'Berry and G. C. Howell. (Photo by Robertson)

National Conventioneers Ready For Kansas City Journey

LEADING THE WAY to Kansas City in October to the 23rd National Convention will be the National Band and Chorus members from Florida, accompanied by H. E. Wood, State Adviser and B. R. Mills, adviser of the Suwannee FFA Chapter at Live Oak.

Chorus members going with Mr. Wood are: Leonard M. Hurst, Ocoee; Harold Shelby, Jr., Tate (Gonzalez); Foy Lee Spivey, Blountstown; and Herbert Dorsett, Branford. Band members accompanying Mr. Mills are: Billy Gunter, Suwannee (Live Oak); Charles McCurdy, Pahokee; Paul Mathis, Bonifay; and Carl Griffith, Moore Haven. They will arrive in Kansas City Friday, October 6, to start rehearsal, and the National Band will be in the American Royal parade, Saturday, October 14.

Florida's two official delegates, who will take part in the business sessions during the Convention, are L. C. Vaughn, immediate Past State FFA President, and Don Fuqua, Altha, State FFA President, and Chilean Nitrate Leadership and Star State Dairy Farmer Award Winner 1950-51. Alternate delegates are Hal Davis, past State FFA President 1948-49, Chilean Nitrate Leadership Award Winner and a can-

didate for the American Farmer Degree, and Lehman Fletcher, present State Second Vice President and a winner of a Bankers' Scholarship during the current year.

The following five vice presidents will attend the Convention as guests of the State Association: Donald Plunket, Turkey Creek, First Vice President, Star State Farmer and Chilean Nitrate Leadership Award winner; Pat Thomas, Quincy, Third Vice President and Florida State Cattlemen's Association Feeder Steer winner; Harold Swann, DeLand, Fourth Vice President; Ernie Redish, Clewiston, Fifth Vice President and Farm Electrification Award winner; and Eugene Walding, Poplar Springs, Sixth Vice President.

The awarding of the American Farmer Degree, highest degree given by the FFA organization, is a feature of the convention. Candidates for the degree from Florida are Forrest and Hal Davis, Quincy; Larry Crago Griggs, Summerfield; Floyd Philmon, Dade City; Mordaunt Bishop, Aucilla; and Hurtis Smith, Chipley.

Dr. W. T. Spanton, National FFA Adviser, announced that applications for the candidates have been carefully examined, and they will be recommended to the dele-

gates for final approval during the convention.

Donald Plunket, First Vice President, leadership award winner and Star State Farmer, will participate in the massing of State Flags, carrying the Florida state flag. From the candidates for the American Farmer award, a Star Farmer from each Regional area is chosen, and during the ceremonies a boy will be named as the Star Farmer of America, one of the highest honors an FFA member can win.

The Quincy State Champion string band—William Timmons, Harry Howell, George Johnson, Tommy Betts, Jack Peacock, and Wesley Goodson—will be present to play on the national Talent Night program. Sonny Burke, a member of the quartet, will go to help sing that "Old Gospel Boogie" on the program.

Others from Quincy going to the Convention will be Mr. D. M. Bishop, FFA Adviser, and Mr. & Mrs. J. F. Davis, parents of Forrest and Hal.

Franklin Roberts and his teacher, Fred Johnson, Sopchoppy, will go to the convention as a result of Franklin winning the State Forestry Contest, sponsored by the Seaboard Railroad Company. Robert Jett and his teacher, Guy Gard of Tallahassee, will go, since the Leon (Tallahassee) Chapter won the Chapter Forestry Contest, sponsored by the Junior Chamber of Commerce.

Other winners of the Chilean Nitrate Leadership Award going to the National Convention are: Clyde Singletary, Allentown; Harry Coleman, Trenton; and Joe Prevedel, Leesburg.

H. E. Brown, adviser of the Trenton Chapter, which won the Chapter Contest, will take several of his boys to the Convention.

Others who plan to go are: D. E. Ryals, adviser of the Altha Chapter; Clarence Gulsby, Tate FFA Chapter, state winner of the Farm Mechanics FFA Foundation Award, and many individual members of local chapters.

Kilpatrick Wins Tri-State Speaking

MELVIN KILPATRICK Florida Public Speaking Champion, took first place in the Tri-State Public Speaking Contest at the Georgia Association FFA Camp, August 3, and received \$25.00, given by Mrs. Turner E. Smith, Atlanta, in memory of her husband, and a plaque from the Georgia FFA Association. From the Tri-State triumph, Melvin went to the Southern Regional at Stillwater, Oklahoma, August 31, where he placed third.

The State Champion Quartet from Stuart, composed of Benny Fulton, Steven Huddle, Paul Mispell, and Jim Hutchinson, won third place in the Tri-State competition.

Sears Bulls Have Sired 302 Calves During Past Year

IN NOVEMBER of 1948, the Sears Roebuck Foundation gave the Florida Association, FFA ten registered purebred Brahman bulls and thirty registered purebred Hereford bulls. These were distributed to forty FFA chapters in that many Florida communities.

The beef breeding program initiated in this way is now old enough to begin to estimate somewhat its value in improving Florida's livestock industry.

When the bulls were delivered to the FFA chapters they were less than one year old and not ready for breeding service. Nearly all chapters given one of the bulls handled them in the best manner. 302 calves have been dropped since the bulls became of breeding age, 47 of them from Brahman bulls and 255 from Hereford bulls.

If the value of a calf from a purebred bull is estimated to be \$20.00 more than a calf from an inferior bull, the Sears bulls have been worth \$6000.00 to these 40 Florida communities this first year.

In addition to the ever-increasing value of the initial allocation of these bulls to Florida, requests have been made for eight young Brahmans and 15 young Herefords for distribution in November, 1950, to FFA chapters in the State.

FFA Programs

CIVIC CLUBS about the state have recently had several outstanding Florida Future Farmers featured at their meetings.

The Kiwanis Club of Tallahassee had Don Fuqua, Altha, State President, Forrest Davis, former Star State Farmer and First Vice President, and members of the Championship String Band of Quincy to present a program.

Don, who was also Star Dairy Farmer and Leadership Award winner and Arlen Wetherington, top district winner of the Southern Dairies Award, were guests of the Florida Dairies Industry Annual Field Day in Gainesville and were speakers on their program.

Donald Plunket, Star State Farmer this year, Harold Swann, Fourth Vice President, Lehman Fletcher, Second Vice President, with Fuqua, presented a program to the Daytona Beach JayCeers.

Franklin Roberts, Sopchoppy Chapter member and winner of the Seaboard Airline Railroad State Forestry Award, Fuqua, Davis and the Lake Butler String Band presented a program to the Kiwanians of St. Augustine during a recent meeting of that club.



Trenton and Bell FFA members, accompanied by Advisers Herbert Brown and Joe Ellis, toured the Southeast in a week, stopping at Panama City, New Orleans, La., Livingston, Birmingham and Wheeler Dam, Ala., Mammoth Cave, Ky., and Nashville.

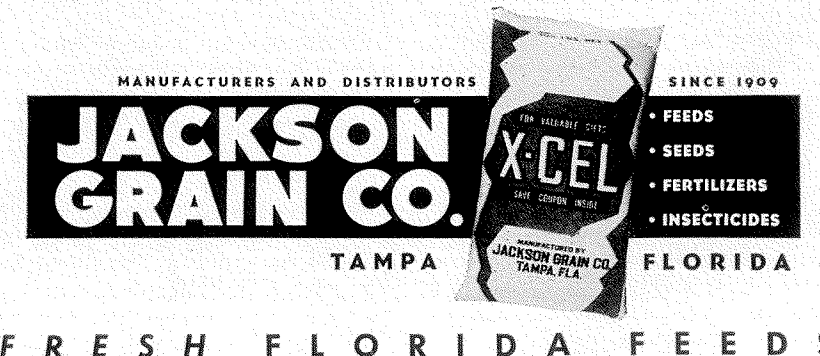


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Plunket Tells of Star Farmer Work

by DONALD PLUNKET

MY INTEREST IN AGRICULTURE and FFA work was probably aroused by hearing my older brother talk about what he was doing. I transferred to Turkey Creek in 1946 and entered the eighth grade. This is the year I heard my brother talking about his work in agriculture. I made up my mind that just as soon as I got old enough, I would take agriculture and join the FFA.

Clements Dies In Maryland

IT IS WITH REGRET that we tell you that Dudley M. Clements, 61, assistant chief, Agricultural Service, Office of Education, and for more than 30 years a recognized leader for vocational education in agriculture, died July 25 at Prince Georges General Hospital in Cheverly Md., after an illness of about two months.

Clements became ill in May, and his condition became steadily worse through June and July. Burial was at Lynnville, Tennessee, where he first began teaching agriculture in 1911.

He had been a member of the Office of Education staff since 1936. Before his appointment as assistant chief, he had served as federal agent for Agricultural Education in the southern states and Puerto Rico. He was well known in agricultural circles throughout the south, and in 1943 was named by Progressive Farmer magazine to receive its "Man of the Year"

Davis Exhibits Lapedeza Project

BILLY JEAN DAVIS, son of Mr. and Mrs. R. H. Davis of Davisville (4 miles South of Atmore), was proud to exhibit his winning Lapedeza project in August.

Last summer a contest was begun among the 22 members of the Earnest Ward High School at Walnut Hill to determine who could make the best plot of cover and food for wildlife with Lapedeza.

Each of the boys was given about 1000 plants to put out and cultivate an eighth acre of Lapedeza, a recognized winter feed for quail, doves, and other birds.

The Chapter Contest grew out of a Contest sponsored by the Pensacola Sportsman's Club. Retired Navy Commander, W. R. Parker, who is President of the Club, conceived the idea of sponsoring such a contest to interest more young people in providing food and cover for our birds and wildlife, while increasing the preservation program for the wildlife.

Every FFA member in the County was invited to enter, but only the Walnut Hill

In 1947, my first year in high school, I enrolled in the agriculture class. My teacher explained to me that I would have to have a project at home and that I would have to keep records on what I made.

My projects the first year in agriculture were strawberries and one acre of mixed vegetables such as squash, cucumbers and pepper. My total profit from the strawberries was \$65.25 and the vegetables brought a total of \$258.00 net profit. To

award for service to southern agriculture.

Much of Mr. Clements' work in life was concerned with the development of the Future Farmers of America organization. He served on the National FFA Advisory Council for 14 years. Many vocational agriculture teachers and FFA members will remember his work at the National FFA conventions where, for the past several years, he was in charge of the exhibit room. In the last year, he had devoted considerable time to preparing and securing the passage of a bill in Congress to provide a federal charter of incorporation for the FFA. The bill passed the Senate one day after Clements' death.

He was a life member of the American Vocational Association and had won the FFA's Honorary American Farmer degree. Camp Clements the state FFA camp in Tennessee, was named after him in recognition of his outstanding work.

FFA Chapter chose it as an entire Chapter.

Already two outstanding wildlife men in the U. S. have inspected Billy Jean's winning project and praised the project and its purpose.

Claude D. Kelly, President, National Wildlife Federation, told the young farmers "the far-reaching benefits of what you are doing here will be felt by every hunter in this area". He pointed out that Arkansas' large scale program today is an out growth of a small beginning project such as Billy Jean's.

Plants were furnished through the West Florida Experiment Station through the Pitman-Robertson Act, which provides aid for such projects preserving our game.

Jim Barrineau, Chapter Adviser and Vocational Agricultural Teacher at Earnest Ward High, assisted each boy in selecting the right area for his plot and worked with Elmer Jones, Soil Technician, in instructing boys in the importance of first year's care of the plot.

get this project started posed a problem that was settled as soon as I could talk the situation over with my father. The land and equipment was furnished by my father in return for labor that I did for him. He loaned me the money to finance my crop and was repaid as soon as the crop was sold. With this money I bought a registered Brahman bull, and financed my next crop.

My crop in 1948 was two acres of strawberries, two acres of pepper and later that year a dairy calf. My total net earnings for this year was \$685.00 from strawberries, \$472.25 from pepper and no profit from livestock. This money was put in the bank in a checking account.

I used what was necessary to finance my next crop and buy some small items of farm machinery. My next project was one and three-quarters acres of strawberries, one acre of pepper, and two more beef animals, registered Brahman heifers. The strawberries are finished with a net profit of \$1150.00. The pepper crop has not been harvested at this date.

My activities in FFA and community life have been varied and enjoyable. I have been a member of the chapter livestock judging team for four years. In 1947-48-49 I judged in the Florida State Fair Tampa, and Southeastern Fat Stock Show, Ocala. In 1950 our judging team won the West Coast Dairy Show at Tampa, and Eastern Brahman Show at Bartow. In 1947 and 1948 I went to the State Forestry camp at O'leno.

I went on an educational tour to the University of Florida in 1948. In 1949 I went on an educational tour to Ocala, visiting Anthony Farms (Norris Cattle Company). In 1949 I showed my bull at the Florida State Fair. In 1948 I gave the welcome address to parents at FFA banquet and was toastmaster in 1949. This was the duty of the chapter president, an honor the other boys gave me for that year.

In 1949 I attended the state convention as a delegate and served on the committee on home electrification awards. I attended the national convention in Kansas City in 1949. During my term as president, our chapter won first place vegetable exhibit and third place shop exhibit at the Junior Agricultural Fair.

Our Turkey Creek FFA chapter boasts of Arlen Wetherington, outstanding among Florida Future Farmers in dairying, owner of a herd of six cattle, member of outstanding judging teams, and winner of more blue ribbons at the Florida State Fair, Hillsborough Junior Agricultural Fair than any other Future Farmer anywhere. Our instructor in vocational agri-

culture is Elton Hinton.

In 1947-48 I was secretary of the Sunday School and group captain in BTU. In 1949 I was treasurer of my Sunday School class and group captain in BTU. At present I am treasurer of my Sunday School class and secretary of BTU. I am a member of the Civics Club in school. I was manager of the football team in 1949 and at present I am scorer of the football team. I am a member of the Cattleman's Association of Hillsborough County.

All this activity has kept me very busy but has been a real pleasure with much valuable experience and a major contributory factor to my winning the district FFA leadership contest sponsored by the Chilean nitrate industry and my being named Star State Farmer this year.

Future Farmer Forestry

(Continued from page 2)

This Report is a true progress chart of 1949-50 activities: 2,015,595 seedlings planted, 376,835 faces gum farmed, 43,171 acres of improvement cutting, 4,450 acres thinned are just a few examples of co-operation. Obviously this progress is, as Mr. Wood has so often stated, a real example of cooperation from all levels and from all agencies.

Through such a cooperative farm youth forestry program recognition has been given to those boys living in the so-called "backwoods" communities. This year was no exception with two of the top winners from Sopchoppy and Taylor. As more and more boys are recognized for their efforts, others are striving to put their houses in order and make forestry an important part in their farming program.

Florida's progressive and productive forestry programs are paying dividends—dividends snowballing into the future. Recognition of the leadership behind this program is moving forward. Florida's State Supervisor, H. E. Wood, will be signally honored by the American Forestry Association on October 10th at Eagle River, Wisconsin. There he will receive the AFA Conservation Award in the field of education where he will be one of five singled out in the nation for outstanding contributions in conservation.

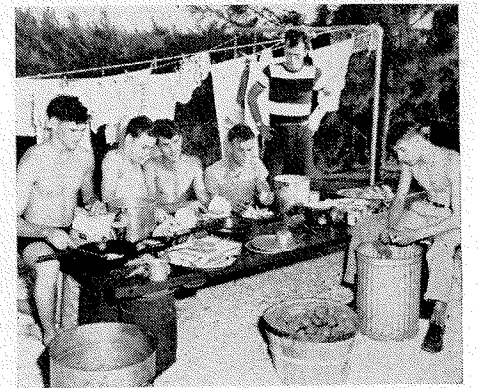
Day by day industry is becoming more fully aware of what conservation means to business. Industry knows that money is wisely invested when spent on conservation activities such as the one followed by the vocational agriculture program. Our current and future business lies in the laps of those who support the men directing these worthy measures—the men establishing a sound and permanent foundation upon which to build a continued happiness and prosperity for those of us who live today and are born tomorrow in this, our nation.

Mississippi Boys Tour

TWENTY-SIX Future Farmers from Morgan City, Mississippi, made a swing of the State as part of this Chapter's annual ten-day excursion.

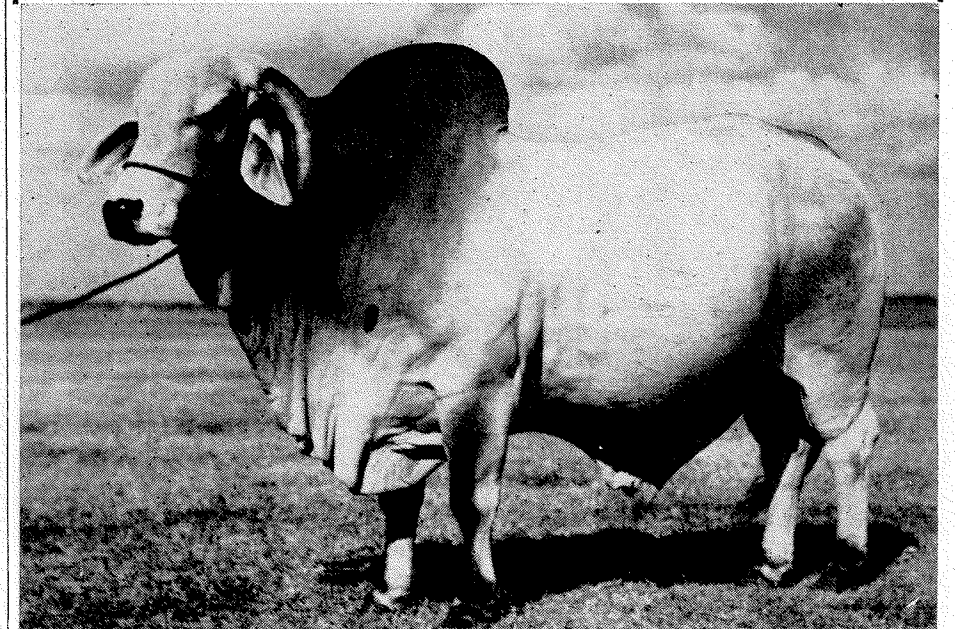
It was the first time in Florida for most of the boys who were accompanied by J. B. Pickett, Chapter Adviser. They visited St. Augustine and Daytona Beach, the Gulf Beaches at St. Petersburg and Silver Springs. In Tallahassee they were shown through Florida's Capitol by A. R. Cox.

Mr. Pickett said their plans were to stop by Mississippi's Capital City, Jackson, on the return trip as most of the boys had never visited their own state capital.



These Mississippi Future Farmers saw Florida on an FFA tour this summer. (Photo by Dennis Hallinan)

Emperor BREEDING PROVED WITH PUREBREDS



Our undefeated champion sire, *Emperor*, has produced 119 sons—and 87 of these have been chosen to sire purebred herds, not only in Florida, but in Texas, Louisiana, Georgia, Alabama, Arizona, North Carolina, South Carolina, Cuba and even as far away as Columbia in South America. Future Farmers interested in better beef are invited to write for our illustrated folder. Or better still come visit us any time.

Visitors are always welcome.

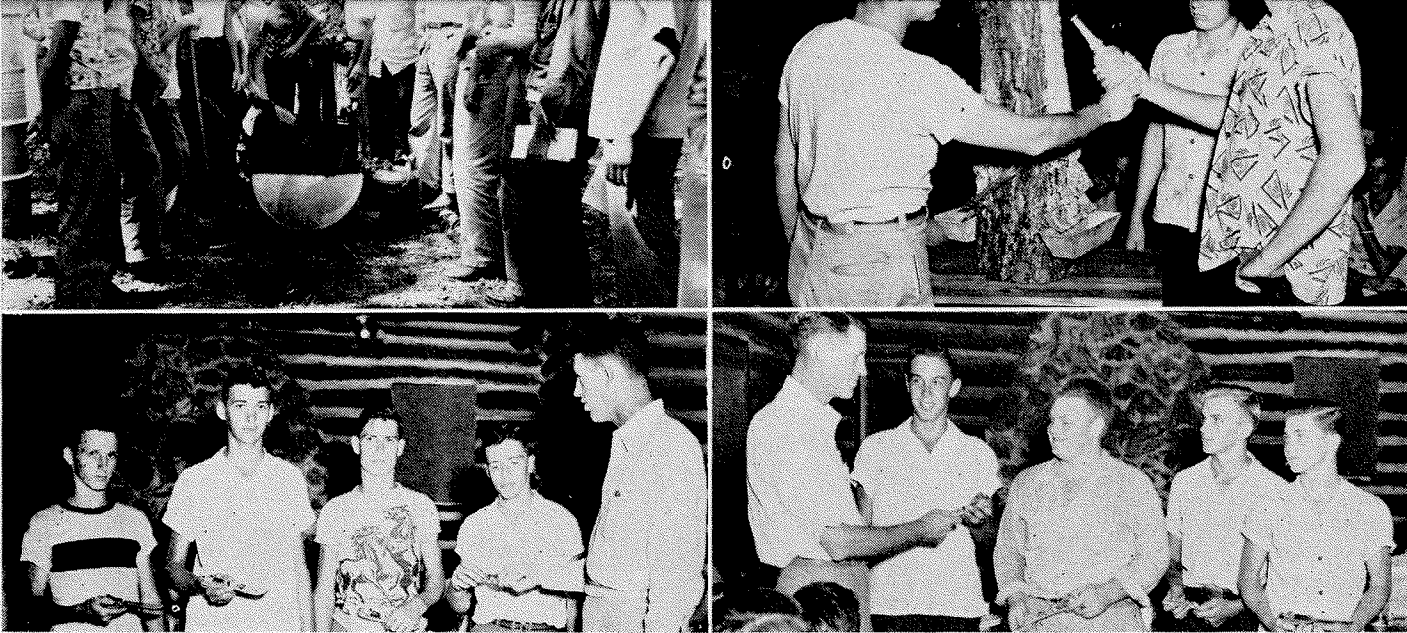
Heart Bar Ranch

HENRY O. PARTIN & SONS

Phone 5603

KISSIMMEE

FLORIDA



Forestry Camp at Camp O'Leno attracted more than 200 FFA members during the summer. These pictures show: Upper left, delegates getting a fence-post-treating lesson by cold soaking with pentachlorophenol under direction of Hillsborough-Pinellas Forester Ben Juskie; Upper right, Naval Stores Agent Erdman West, Jr., of the Florida Forest Service demonstrating the proper method to apply sulfuric acid to a bark-chipped "face" which is being worked for gum (The camper is holding a plastic acid gun which is growing in popularity with foresters.); Lower left, the first week's outstanding campers, left to right, Howard F. Tillis of Palatka, Paul C. Patrick of Sneads, Herbert W. Futch of Shamrock and James E. Hurst of Mayo, receiving sheath knives from State Forester C. H. Coulter; Lower right, Coulter presenting knives to second week's outstanding campers, left to right, Raymond C. Futch of Plant City, David L. Sellers of Largo, Raymond S. Boudier of Sarasota, and Wayne Williams of Lake Placid.

Over 200 Attend Forestry Camp

OVER 200 FFA MEMBERS were given the basic principles of forestry at the Sixteenth Annual Forestry Training Camp at O'Leno State Park, July 30 through August 12.

This year the camp was divided into two weeks featuring the same subjects instead of having a week for first year delegates and a week for second year delegates as was the practice in previous years. The courses were designed to give the delegates a view of practical home forestry to enable them to gain more "pine tree prosperity" from their farm woodlots.

Instructors at the camp were drawn from the Information and Education, Fire Control, and Management branches of the Florida Forest Service. The administration of the camp was the responsibility of Director Wm. S. Chambers, Jr., Florida Forest Service chief of Information and Education, and Rex S. Harper, Information and Education forester, assistant director both of Tallahassee. Charles W. Chalker of the same office served as mess officer. Information and Education Assistants Ed Cavanaugh and Walter G. Martin, both of Tallahassee, handled photography and publicity respectively. Martin was also camp banker.

Selection of eight delegates as outstanding campers highlighted the two-week camp. Chosen as outstanding campers from the 100 boys in camp the first week were: Howard F. Tillis, Palatka; Herbert W. Futch, Shamrock; Paul C. Patrick,

Sneads, and James E. Hurst, Mayo. Of the 117 delegates in camp the second week, those receiving this honor were: Ray S. Boudier, Sarasota; Raymond C. Futch, Plant City; David L. Sellers, Largo; and Wayne Williams, Lake Placid. These boys were selected by their fellow campers and the camp supervisors — members of the Florida Forest Service. The outstanding campers were awarded sheath knives as prizes.

Winners of contests during the two weeks were: Tree Age Estimation—Canova Howard, Lake Butler, and Wayne Williams, Lake Placid; Pine Seed Estimation—Fred Yarbrough, High Springs, Harrell Musgrove, Live Oak, and Jimmy Payne, Sebring; Tree Volume Estimation—Billy Taylor, Taylor, and George Kolmetz, Vernon; Compass Course—Charles McKnight, Bunnell, and David Sellers, Largo. These delegates received Boy Scout knives as prizes for winning the contests.

In addition to the announcement of the outstanding campers, leaders in the forestry and education fields spoke to the boys at the banquets. George Williams, former Florida Forest Service naval stores agent now with the Turpentine and Rosin Factors, Inc., Valdosta, Ga., was the main banquet speaker Friday, August 4. Seamon Hudson of the Container Corporation of America, Fernandina, was the principal speaker at the banquet closing the second week of camp.

State Supervisor of Vocational Agricul-

ture Harry E. Wood emphasized the importance of forestry in the FFA program in a short talk at the first banquet. He also announced that Melvin Kilpatrick of the Baker FFA Chapter won the Tri-State FFA Speaking Contest, held in Georgia this year. His subject was "The Importance of Farm Forestry in Florida." This announcement received a great ovation from the FFA delegates and those forestry officials attending the banquet.

In his speech, Williams emphasized the importance of naval stores operations on the farm forest. He told of the acid stimulation tree chipping process which enables the working of trees for years for gum naval stores without impairing their value as pulpwood or sawtimber. He complimented the FFA on its school forest programs and the individual forestry efforts carried out on the FFA members' farms.

At the banquet closing the second week of camp, Hudson told of the strides in forest conservation that have been made by the pulpmills during recent years. He told of the pulpmills' free seedling programs and their reforestation efforts on their own lands. He likewise complimented the Florida Future Farmers' on their forestry efforts and challenged them to pass on the knowledge that they had learned at the Forestry Training Camp.

State Forester C. H. Coulter, who was present at both banquets, praised the FFA for its efforts in forestry and in other agricultural projects.

He also presented the sheath knives to outstanding campers.

Throughout the two weeks, vocational agriculture teachers from the districts represented at the camp were present. District supervisors T. L. Barrineau, Tallahassee, and J. G. Smith and Floyd L. Northrop, both of Gainesville, attended the camp at different periods during the first and second weeks.

When out of class, the campers took part in a full recreational program. Athletics were under the direction of Elbert A. Schory and Douglas F. Horan, Florida Forest Service information and education foresters, Lakeland. Hugh Sheffield of Ocala handled the waterfront as well as the camp first aid station. Entertainment programs under the direction of Manton R. Frierson, information and education forester, Lake City, and Robert F. Sampson, information and education forester, Ocala, were held each night of the camp except on Fridays when the banquets filled the after dark hours.

Among the entertainment featured at this year's camp was music by Toby Dowdy and his Hi Pointers, a popular hillbilly band from Gainesville, variety musical programs by Lake City girls, and a square dance held each Thursday night of the camp.

Commenting on the camp, State Forester C. H. Coulter said, "We now have over 200 members of the FFA spreading the work for forestry conservation and practicing it all over the state. The work of these boys will bring credit to them, their FFA chapters, the camp contributors, the Florida Forest Service, and the state as a whole."

Among those contributing financially to this year's camp were the Florida pulpmill members of the Southern Pulpwood Conservation Association. They are the Container Corporation of America, Fernandina; International Paper Company, Panama City; National Turpentine and Pulpwood Corp., Jacksonville; Rayonier, Inc., Fernandina; St. Joe Paper Company, Port St. Joe; St. Regis Paper Company, Cantonment. The American Turpentine Farmers Association, Valdosta, Ga., also contributed. Lumber mills contributing to this year's camp were Alger-Sullivan Lumber Co., Century; Brooks-Scanlon, Inc., Foley; Granger Lumber Company, Inc., Lake City; Neal Lumber and Manufacturing Company Inc., Blountstown; Perpetual Forests, Inc. Shamrock; Thomas Lumber and Manufacturing Co., Quincy.

Kathleen Banquet

FIRST CHAPTER BANQUET of the year was Kathleen Chapter's Father and Son Banquet, Friday Night, August 25. Doyle Conner, past National President of FFA was the main speaker for the event.

FFA Calendar of Events

JULY, 1950			
Event	Type	Place	Date
Entries JayCees Chapter Forestry Contest	State	Dist. Adv.	July 15
Ag. Teacher Conference	State	Daytona Beach	July 24-29
National Farm Safety Week	National	Chapter	July 23-29
AUGUST, 1950			
FFA Forestry Training Camp	State	Camp O'Leno	July 31
Tri-State Public Speaking and Quartet Contest	Ala., Fla., Ga.	FFA Camp, Ga.	Aug. 3
FFA State Officers Training	State	Daytona Beach	Aug. 9-12
Southern Regional Public Speaking Contest	Regional	Stillwater, Okla.	Aug. 21
SEPTEMBER, 1950			
Southeastern Fat Hog Show & Sale	State	Ocala	Sept. 18-19
Purebred and Fat Hog Show and Sale	Area	Quincy	Sept. 25-26
OCTOBER, 1950			
National Dairy Show	National	Waterloo, Iowa	Oct. 3-5
FFA Convention	National	Kansas City, Mo.	Oct. 9-12
Livestock Show	National	Kansas City, Mo.	Oct. 11-14
Okaloosa County Agri. Fair	County	Crestview	Oct. 2-7
North Florida Fair	Area	Tallahassee	Oct. 31-Nov. 4
Gilchrist County Breeders Show	County	Trenton	Oct. 7
West Florida Hog Show	Area	Marianna	
Suwannee Valley Purebred and Fat Hog Show	Area	Live Oak	Oct. 2-4
Hernando County Livestock Show	County	Brooksville	
Gadsden County Tobacco Festival	County	Quincy	Oct. 11-14
NOVEMBER, 1950			
Deadline—Chapter Program of Work	State	Dist. Adv.	Nov. 1
Sumter All-Florida Breeders' Show	State	Webster	Nov. 2-4
Nassau County Fair	County	Callahan	Nov. 2-3
Volusia County Dairy Show	County	DeLand	Nov. 4
Walton County Fair and Livestock Show	County	DeFuniak Sprs.	Nov. 8-11
Hardee County Cucumber Festival Exhibit	County	Wauchula	Nov. 6-11
West Florida Dairy Show	Area	Chipley	Nov. 16
Kissimmee Valley Livestock Show	County	Kissimmee	Nov. 17-18
Jackson County Fair and Livestock Show	County	Marianna	Nov. 6-11
Hillsborough County Youth Show	County	Plant City	Nov. 17-18
DECEMBER, 1950			
Deadline—Membership Dues to Attend FFA Day	State	Tallahassee	Dec. 1
Polk County Youth Show	County	Bartow	Dec. 7-8
JANUARY, 1951			
West Coast Dairy Show	Area	Tampa	Jan. 6
Southeastern Brahman Show	State	Ocala	Jan. 16-20
Pasco County Fair	County	Dade City	Jan. 11-13
Pinellas County Fair	County	Largo	Jan. 23-27
Southwest Florida Fair	Area	Ft. Myers	Jan. 31
Dade County Fair & Livestock Show	County	Miami	Jan. 11-13
Citrus County Fair	County	Inverness	Jan. 16
FEBRUARY, 1951			
Florida State Fair	State	Tampa	Jan. 29-Feb. 10
FFA Day	State	Tampa	Feb. 3
West Florida Fat Cattle Show & Sale	Area	Quincy	Feb. 5-7
National FFA Week	National	Each Chapter	Feb. 18-24
Broward County Fair	County	Ft. Lauderdale	
Deadline for Paying Dues	State & Nat'l	Tallahassee	Feb. 28
Central Florida Exposition	State	Orlando	Feb. 19-24
MARCH, 1951			
Deadline—Amer. Farmer Degree Applications	State	Dist. Adv.	March 1
Deadline—FFA Foundation Award Applications	State	Dist. Adv.	March 1
Southeastern Fat Stock Show & Sale	Interstate	Ocala	Feb. 27-Mar. 3
Florida Sportsmen's Exposition	County	Eustis	Mar. 19-24
DeSoto Pageant & County Fair	County	Bradenton & Palmetto	
Highlands County Fair	County	Sebring	Mar. 1-3
Imperial Eastern Brahman Show	National	Bartow	Mar. 21-23
APRIL, 1951			
Deadline—State Farmer Degree Applications	State	Dist. Adv.	April 1
State Dairy Contest (Southern Dairies)	State	Dist. Adv.	April 1
State Forestry Contest (SAL)	State	Dist. Adv.	April 15
Banquet Contest (Sears, Roebuck & Co.)	District	Dist. Adv.	April 15
Southeast Florida Livestock Show	Area	Belle Glade	Early April
Copies of Public Speaking		Chapter Sub-District Chairman	April 21
Sub-District FFA Contests			April 27
MAY, 1951			
Deadline Entries in Cattlemen's Contest	State	Dist. Adv.	May 1
Copies of Public Speaking		Chap. Dist. Chair.	May 5
District Contests	District		May 12
Chapter Accomplishments Reports	Chapter	Dist. Adv.	May 15
Copies of Public Speaking			May 19
Selection delegates State Convention	Chapter	Dist. Adv.	May 31
Selection Delegates Forestry Camp	Chapter	Dist. Adv.	May 31
JUNE, 1951			
State FFA Convention	State		June 18-22
Chapter Scrapbooks	State	Dist. Adv.	June 18
Annual State Fish Fry	State	State Convention	June 19
State FFA Banquet	State	State Convention	June 21

FFA Accomplishments for 1949-1950

THE FLORIDA ASSOCIATION, FFA, had, during the past year, 133 chartered active local chapters with a total active membership of 6952 boys. There were 3808 Greenhands, 3065 Chapter Farmers, 70 State Farmers, and 9 active American Farmers. There are, in addition, 6845 local Associate members, and 660 local and state Honorary members. For 1949-50, the total membership, active, Associate, Honorary, was 14,464 persons. We should attain a goal of over fifteen thousand during this year.

A summary of some of the accomplishments of these active members is given below:

I. Supervised Farming

Average number of productive enterprises per member	2.13
Average number of improvement projects per member	4.2
Average number of supplementary farm practices per member	6.1
Percent of members with balanced farm program	71.6
Percent of ownership of projects by members	78.1
Average number of new farm skills per member	11.4
Number of chapters having project tours	122
Percent of chapters having photograph productive enterprises	16%

II. Cooperative Activities

Chapters Participating	No. of Activities	Value of Activities
Business	110	\$ 77,629
Buying	115	\$137,979
Selling	114	\$186,623
Productive	115	95,610
Miscellaneous	105	34,681

III. Community Services

Percent of chapters sponsoring community services	76%
Percent of chapters participating in improvement of crops and livestock	91%
Preventing losses from diseases, pests and injury	10,467 Head
Amount of food preserved	235,592 Pints
	18,516 Lbs. Meat
	10,452 Lbs. Lard

Conserving Resources

Soils	10,989 Acres
Manures	3,011 Tons
Protected forest	48,198 Acres
Forest planted	2,629 Acres
J. F. Williams Memorial Forests (Established and/or care)	19 Forests
Percent of chapters participating in community beautification	80%
Percent of chapters participating in improving farm homes & other buildings	80%
Percent of chapters repairing and reconditioning farm machinery and equipment. Members & chapters	74% members 90% Chapters
Percent of chapters participating in improvement of health in rural areas	75%
Percent of chapters participating in assisting needy farm families	79%
	398 families
Needy farm families assisted by chapters	80%
Percent of chapters that put on a community display	80%

IV. Leadership

Percent of chapters having FFA Banquets	86%
Percent of members participating in two or more FFA Contests	63%

Percent of qualified members receiving Chapter Farmer Degree	90%
Percent of qualified members applying for State Farmer Degree	70%
Percent of Florida quota (6) elected for American Farmer Degree	100%
Percent of chapters with organized leadership training program	52%
Percent of chapters making educational tours	61%
Percent of chapters having two newspaper articles per month in local newspapers	80%
Percent of chapters having articles in "State" Newspapers and Magazines	85%
Percent of chapters having one radio program	50%
Percent of chapters having one civic club program	63%
Percent of chapters having special displays	52%
Percent of chapters having State FFA Quartet, Harmonica, and String Band contests broadcast, and State Public Speaking winners speech broadcast	100%
Percent of chapters having library equipped with agricultural magazines and at least 10 books	90%
Percent of chapters procuring all eligible boys as members	99.2
Percent of chapters presenting Chapter Program of Work as required	98.4
Copies of State Future Farmer Magazine published quarterly	10,000
Average number of members per chapter	52

V. Earnings and Savings

Earned by 120 chapters	\$ 58,116
40 percent of chapters purchased bonds worth	\$ 25,257
Average labor income from Supervised Farming per member	\$113.00
Total investment of all members in Farming January 1, 1950	\$591,763.55

VI. Conduct of Meetings

Percent of chapters holding two out-school meetings each month during year	53%
Percent of chapters having local meeting of 90 minutes or more	86%
Percent of attendance at regular meetings	71%
Percent of membership with dues paid by December 1	67%
Percent of chapters with complete paraphernalia	95%
Percent of members owning an FFA Manual	69%
Percent of chapters using parliamentary procedure at all meetings	99%
Percent of chapters using official secretary and treasurer books	86%

VII. Scholarship

Average grade of members in all high school subjects	85
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VIII. Recreational Activities

Average number of types of recreational activities per chapter	5.8
Average number of events in all kinds of recreational activities	14

Executive Officers Hold Initial Meet at Daytona Beach Aug. 10-12

THE FIRST MEETING of the new executive officers was held in Daytona Beach, August 10-12, 1950, with all officers on hand. For this meeting the officers were the guests of the Chamber of Commerce at the Sheraton Plaza Hotel.

During their stay they were luncheon guests of the JayCeers. Don Fuqua, Donald Plunkett, Harold Swann, and Lehman Fletcher gave brief talks picturing the work of the FFA organization and their project programs. This program was broadcast.

Another program was broadcast with Reginald Martine, Manager of the Convention Bureau. The Convention Bureau also gave a luncheon at the Sheraton Plaza for the officers at which "Red" Ruffing, the former New York Yankee pitcher, now manager of the Daytona Beach Ball Team, and Charlie Hale, Director of the Mary Karl Vocational School, and Mr. Martine were guests.

The officers were shown the facilities Daytona Beach offers for a State FFA Convention. These were: the New Peabody and Mainland High School Auditorium, the remodeled housing quarters at "Indianville", The "Band Shell" for talent night, beach facilities for swimming and fish fry. Interesting tour possibilities such as Marineland, DeLand

Vocational Agriculture School Farm and Stetson University were suggested.

During their stay the officers reviewed the Committee reports and minutes of the State Convention and officially adopted the state program of work. The budget for 1950-51 was made and adopted.

A leadership training program was held, all the officers really working to get the year off to a successful start toward their goal for the most successful year in the history of the FFA in Florida.

Tractor Given

THE BRADFORD CHAPTER, FFA, will be given a Ford tractor by the Dixie Equipment Company of Gainesville in behalf of Doyle Conner, past national President of FFA. It is to be used on the new FFA farm which is being purchased by the chapter. The presentation will be made at a demonstration arranged by the Dixie Equipment Company.

ARLEN WETHERINGTON, a member of the Turkey Creek Chapter, Future Farmers of America, has refused an offer of \$700.00 for his prize Guernsey heifer only 16 months old. The animal was purchased with several others from dairy farms in Pennsylvania last fall, and Arlen paid \$195.00 for it at the age of 11 months.



The Capitol at Washington provides an unsurpassable background for this group of Levy County FFA boys who toured the historic and educational sites in and around the nation's capital.

Levy County Chapter Sees Nation's Capitol in Annual Summer Tour

THIRTY-TWO LEVY COUNTY FFA boys returned safely from a nine-day trip which carried them to the nation's capital, Washington, D. C. The trip began July 7 and ended July 15, and was made without a single mishap.

Trip was designed as educational in nature and was regarded by those making the tour as highly satisfactory. Sidney D. Padgett, Principal of the Cedar Key High School, said, "The experience has rendered a great good in the educational development of our boys making the trip." He added, "The whole thing has been well done and the efficiency in learning has been high." Mr. Padgett made the trip as school personnel along with P. T. Dicks of Chiefland and G. W. Pryor of Williston.

Some of the things seen on the trip included Thomas Jefferson's old home at Monticello, George Washington's home at Mount Vernon, Robert E. Lee's home at Arlington, Tomb of the Unknown Soldier, Washington Monument, National Art Gallery, Smithsonian Institution, the F. B. I. Building, the Capitol building, the Senate and House in Session, the Rock Creek Park and Zoo together with a large number of other governmental buildings.

The boys were housed at the National Future Farmer Camp at Alexandria while in Washington. Most of the time meals were prepared for the group. Using the National FFA camp as headquarters and preparing a large percentage of the meals

reduced the cost per boy to an average of less than \$30.00.

Several businesses made contributions to the trip. Donors were the Levy County State Bank, \$25.00; Cedar Key State Bank, \$25.00; Perkins State Bank, \$25.00; Levy County Board of Commissioners, \$75.00; M & M Turpentine Company, \$15.00; Burns Lumber Company, \$15.00; and the Patterson - McEnnis Lumber Company, \$25.00. These donations caught all of the transportation expenses and several miscellaneous items of cost.

The trip climaxed a years planning on the part of the agriculture teachers, Mr. Dicks and Mr. Pryor. The boys making the trip were chosen on the basis of their agricultural and FFA accomplishments at school and on the farm during the year ending June 1, 1950.

Boys making the trip from Chiefland included: L. C. Cannon, Alvin Hogan, John Davis, Sammy Cason, Guy Willingham, Junior King, Donald Cason, Burney Keen, Franklin Owens, David Durrance, Delano King, Ernest Harris, L. R. Hunter, Jimmie Harris, James Rollins Hudson and A. J. Mims.

Boys from Williston were: Wesley Smith, Lawton Santerfeit, Bobby Culpepper, William Carswell, Hal Rutland, Billie Rutland, Duane Fugate, Miles Mixson, and Maxie Fant.

Walter Beckham, patrol boy from Cedar Key, also accompanied the group on the trip.

Kraft Heads FFA Foundation For Coming Year

JOHN H. KRAFT, president of Kraft Foods Company, was elected chairman of the Sponsoring Committee for the Future Farmers of America Foundation, Inc., at the organization's annual meeting in Washington.

Mr. Kraft, long an active worker for the FFA and holder of the Honorary American Farmer degree, succeeds Frank W. Jenks, Vice-President of International Harvester Company, as chairman of the Sponsoring Committee.

The FFA Foundation is the organization which receives donations from businesses, industrial firms, organizations and individuals for the purpose of making awards to deserving Future Farmers of America members who show outstanding accomplishment in the various fields of agriculture for which awards are made. The Sponsoring Committee is an organization of the donors, established to spread interest in the activities of the Foundation among other potential donors. Under Mr. Jenks' leadership of the Committee, last year the number of Foundation donors was increased from 29 to 68. Contributions totaling \$101,177.00 was a new high for the Foundation.

In accepting the chairmanship for 1950 Mr. Kraft pledged himself and his firm to carry on the all-out effort to expand participation in the FFA Foundation.

His interest in the Future Farmers of America is a natural one for such a man who was born on the farm and who has continued personal interest in farming as exhibited by the purebred Jersey herd that he owns. As one of the team of brothers who built the world's greatest cheese business from original capital of \$65, he has always been close to farmers and interested in their development.

John Kraft was born June 6, 1891, near Fort Erie, Ontario. In 1909 he joined the company founded six years earlier by his eldest brother, James L. Kraft. In the development of the company, "J. H." has played a leading part—first as a pioneer salesman with cheese in tins, later as general sales manager, then as vice president until 1943 when he assumed the presidency as "J. L." became chairman of the board of directors.

John Kraft's successful background in an industry that is close to agriculture, his background as a salesman, and the tremendous drive and energy that he puts into his work is expected to serve the FFA Foundation well during his forthcoming year as Chairman of the Sponsoring committee.



The 13 Hillsborough County youngsters pictured above with vocational agriculture instructors from Plant City, Brandon and Turkey Creek purchased the dairy calves from Pennsylvania through Turkey Creek Instructor W. H. Potter. Included are ten FFA boys and three 4-H girls, all from Turkey Creek, Springhead and Brandon. Left to right, picture shows: E. C. Sewell, Buddy Sewell, J. O'Neal, G. W. Ford, Van O'Neal, John St. Martin (Instructor), Arlen Wetherington, all of Turkey Creek; Harry Carlton (Instructor) of Plant City; Jurl Mansell, Glenvil Hall, Betty Ross, all of Turkey Creek; Nancy and Linda Potter of Springhead; Potter; Charles Giddens of Brandon; D. D. Wetherington of Turkey Creek; Paul Mabry (Instructor) of Brandon. Miss Emily King, East Hillsborough home demonstration agent, will supervise the 4-H girls in work with their calves.

Conservation Award Will Go to Wood At Forestry Meet

HARRY E. WOOD, State Supervisor of Vocational Agricultural Education and State FFA Adviser of the Florida Association, was selected as one of the five men in the Nation to receive an American Forestry Association Conservation Award at their 75th Anniversary meeting at Eagle River, Wisconsin, October 10, 1950.

The awards are given to recognize individuals in the Nation who have made outstanding accomplishments in various fields of conservation. A special committee receives and studies the many nominations and makes recommendations to the AFA Board of Directors.

Mr. Wood was selected for his outstanding work in the field of Education.

The many friends and co-workers of Mr. Wood extend hearty congratulations for this well-earned recognition.

FFA Boys Get Good Guernsey Heifer Calves from Pennsylvania

FUTURE FARMERS are doing their part to improve dairying in Hillsborough County. Thanks to W. H. Potter, teacher in the Turkey Creek High School and long recognized as a successful farmer and friend of Vocational Agriculture, the Future Farmers were able to receive thirteen registered show quality Guernsey heifer calves from outstanding herds in Pennsylvania.

Mr. Potter agreed to furnish the truck and help with the driving on the long trip, when E. L. Hinton, agriculture teacher made the proposal. Unfortunately before the calves were loaded Mr. Hinton received word of the death of his brother in an auto accident and left hurriedly for Alabama and Mr. Potter drove the load of 13 calves all the way back to Florida. The calves had to be unloaded, rested, fed and watered once—the only stop—and the ani-

mals, valued at \$2250.00, arrived in good condition.

Precautions against loss have been taken as the calves were vaccinated before being shipped and all are insured for one year. The calves range in age from six months to one year and in price from \$150.00 to \$225.00 The boys drew for heifers and everyone seemed satisfied as there was very little difference in quality.

Three 4-H Club girls received calves and will be under the guidance of Miss Emily King, Home Demonstration Agent for East Hillsborough County, who is an expert in calf raising though she does call on Vocational Agriculture Teacher Harry Carlton at show time to help with the grooming. The girls receiving calves were Linda Lee Potter of the Springhead 4-H Club and Camilla Mabry of the Dover Girls 4-H Club. Camilla is the daughter of Paul Mabry, Agriculture Teacher at Brandon High School. The third 4-H Club Girl to get a calf was Betty Ross of the Turkey Creek 4-H Club.

Future Farmer members receiving calves were Glenvil Hall, Jurl Mansell, Van O'Neal, Arlen Wetherington and Buddie Sewell of the Turkey Creek Chapter and Bobby McLeod and William Gill of the Brandon Chapter. Wetherington, Hall and McLeod purchased two calves each.

Tractor Contest

A TRACTOR DRIVING CONTEST was held at the Future Farmer field off the Okeechobee Road. Bill McIntosh of Fort Pierce won first place and John McCullough of Okeechobee was second.

DONALD BURCH, past State FFA President, has been awarded a \$200.00 scholarship by the National Association of Thoroughbred Breeders.

Trenton Has Had Vocational-Ag In High School Since 1919

THE TRENTON HIGH SCHOOL has had Vocational Agriculture in its curriculum since 1919. Mr. C. W. Long was the first teacher in this department, and since that time the department has had several teachers, including H. E. Wood, who is now State Supervisor of Vocational Education. Mr. Wood was judged the Master Teacher of Florida while in the Trenton Department from 1925-27.

Some of the most outstanding leaders of the Trenton community were former Vocational Agriculture students, including:

Horace F. Arrington, Sr., father of H. F. Arrington, Jr., who is president of the Trenton Chapter this year, is co-owner of the Trenton Hardware Company and operates an 800 acre farm; Jim Coleman, owner of a 200 acre ranch and farm; Muriel Williams, a successful farmer and outstanding leader in civic affairs; Murray Read, owner of a 200 acre farm; Eli Read, owner of a 360 acre farm, a former FFA member of the Trenton Chapter, who received the American Farmer Degree in 1939.

There are many former students of the Vocational Agriculture department in the Trenton community who are outstanding farmers and a number of these FFA members are making a success of farming in other communities of the State. They attribute any success that they have made in their occupations to the training they received while enrolled in the Vocational Agriculture Department of the Trenton School.

Herbert Brown is Vocational Agriculture Teacher and FFA Adviser of the Trenton Chapter at the present time. Mr. Brown was reared on a farm in Alachua County and attended the Waldo Junior High School. While there, he took Vocational Agriculture under B. K. Wheeler, who is the present adviser of the Hawthorne and Waldo FFA Chapters. Mr. Brown states that he made from his project programs, while enrolled in vocational agriculture, sufficient money to pay his expenses through Junior High School. His later education at Gainesville High School and the University of Florida was largely financed through his agricultural knowledge. Mr. Brown says the FFA leadership training taught him thrift, leadership, and the ability to get along with people.

The members of the Trenton Chapter, with the local Adviser, planned a five-year program of work for the Chapter soon after school opened in 1946, and each year in September revisions and additions are made to the chapter Program of Work to meet the needs as indicated at the time.

The chapter has the following standing committee to plan and execute the activities of the program: Supervised Farming Committee, Cooperative Activities Committee, Community Service Committee, Leadership Activities Committee, Earnings and Savings Committee, Conduct of Meetings Committee, Scholarship Committee, and Recreation Committee.

The Supervised Farming Committee set these goals: An average of 3½ productive enterprises per member; 100 percent of members to have a long-time balanced supervised

farming program with full ownership of the project by each member; An average of two continuation projects per member; Testing dairy cows of the community for T. B. and Bangs disease; Each member visiting at least four other chapter members.

The committee on Cooperative Activities suggested that the Chapter buy purebred livestock as a chapter project, buy improved certified watermelon seed for farmers and members and that the chapter buy feed and supplies cooperatively.

The Community Service committee recommended that landscape demonstrations be held for educating members and farmers, that demonstrations of new crops and fertilizer practices be conducted, and that soil and crop improvement demonstrations be carried out on the Land Laboratory Plot.

The Leadership Committee recommended that an Officer Training School be set up to train officers and members in leadership, that outstanding FFA members be given recognition for their services, and that the chapter send a delegation to the National Convention.

The Earnings and Savings Committee prepared a budget for the Chapter and submitted it at the Chapter meeting for approval. The committee recommended that each member invest, at least, \$150.00 in the Supervised Farming Program, and that each member establish a savings account.

The Trenton FFA Chapter owns six acres of land used as a land laboratory plot, adjacent to the school grounds, and, in addition to land owned, they have rented 110 acres for demonstration purposes as indicated in the Accomplishment Report. This land has been fenced and platted in areas for use in different demonstrations.

The Trenton Chapter is located in the town of Trenton, County Seat of Gilchrist County, with a population of 1500 people. The Chapter members come from the rural areas composed of dirt farmers on approximately 1300 farms.

The chapter has sold farmers seed, fertilizer and supplies, enabling them to secure better seed and fertilizer for less money. It has bought and sold watermelons, demonstrated pasture grasses, planted improved hybrid corn, encouraged use of purebred livestock, combatted wind erosion, encouraged beautification of farm homes and made its farm shop available to farmers in its community service program.

The Trenton Chapter has supplied five State Officers for the State FFA Association, since the beginning of the FFA organization. The chapter has had one member to make the American Farmer Degree, and has won recognition for other outstanding achievement such as: first place winner, Quartettes; Bankers' scholarships; chapter awards on leadership achievements; and numerous first place entries in livestock shows.

The Trenton Chapter won the first place rating in the State Chapter Contest in 1947-48, and again in 1949-50. The chapter also took first place in the district in 1948-49.

Future Farmers
are always welcome!

KEEP FLORIDA GREEN

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

BANK OF NEWBERRY

MEMBER F. D. I. C.

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

Veterans Make Progress During 1949

DURING THE YEAR OF 1949, two-hundred and eighty-three classes were in operation, with an active enrollment of 5,505 trainees. During the year 286 farms were purchased, which changed the statue of the trainee from renter or sharecropper to owner. They cleared 67,443 acres for cultivation, and seeded 10,371 acres for permanent pastures.

Below are practices with the total units and the number of trainees that participated in each practice.

Practices	No. Participating	
Land cleared (Acres)	67,443	2,870
New Fence (Rods)	308,117	2,503
Land bought (Acres)	43,143	913
Acres owned (Number)	405,189	3,696
Acres rented (number)	185,896	2,341
Acres sharecropped (Number)	48,443	1,228
Farm shops constructed (Number)	599	599
Dwellings constructed (Number)	597	616
Dwellings owned (Number)	3,714	3,448
Barns constructed (Number)	3,501	2,771
Poultry houses constructed (Number)	4,125	2,844
Dairy Buildings constructed (Number)	279	251
Terraces constructed or renovated (Miles)	4,508	615
Ditches constructed or cleaned (Feet)	3,995,585	1,490
Land reforested (Acres)	2,192	257
Cover crops planter (Acres)	34,642	2,555
Legumes seeded (Acres)	29,703	1,897
Irish potatoes planted (Acres)	7,535	1,788
Corn planted (Acres)	85,269	3,907
Cotton planted (Acres)	13,779	1,122
Sugarcane planted (Acres)	1,858	1,535
Strawberries planted (Acres)	1,102	649
Truck crops planted—Spring (Acres)	25,966	2,655
Sweet potatoes planted (Acres)	3,015	2,430
Truck crops planted—Fall (Acres)	8,180	1,820
Pecans planted (Acres)	2,052	813
Tobacco planted—Shade (Acres)	186	74
Tobacco planted—Flu (Acres)	2,724	987
Citrus planted (Acres)	7,099	656
Ferns planted (Acres)	350	120
Flowers planted (Acres)	428	213
Sub tropical fruits planted (Acres)	1,364	56
Other fruits planted (Acres)	1,147	400
Peanuts planted (Acres)	46,807	2,724
Acres in pasture	148,661	3,321
Acres in Tung Oil	759	57
Soils limed (Acres)	16,440	1,612
Adapted Hybrid corn grown (Acres)	27,918	1,949
Crops Treated to control insects (Acres)	38,413	3,197
Permanent pastures seeded Acres)	10,371	1,032
Legumes hay harvested (Tons)	8,322	899
Grass seed harvested (Lbs.)	33,082	95
Clover seed harvested (Lbs.)	34,140	27
Soybeans planted (Acres)	8,336	282
Baby chicks brooded (Number)	878,145	3,672
Laying hens fed balanced rations (Number)	241,860	3,560
Poultry vaccinated (Number)	252,107	626
Brooders constructed and renovated (Number)	2,122	1,660
Houses disinfected or whitewashed (Number)	2,883	2,012
Eggs produced (Dozen)	1,311,761	4,390
Poultry killed for home use (Number)	158,739	4,438
Pigs raised (Number)	70,270	3,697
Sows bred to pure bred boars (Number)	5,757	2,302
Farrowing houses constructed (Number)	832	613
Self-feeders constructed (Number)	1,273	957
Hogs vaccinated (Head)	62,889	2,853
Hogs wormed (Head)	59,793	2,864
Hogs butchered for home use (Lbs.)	1,873,921	3,603
Dairy cattle owned (Number)	8,404	3,283
Mineral Mix used (Lbs.)	584,151	3,945

Practices	No. Participating	
Milk produced (Gallons)	1,876,891	2,534
Butter produced (Lb.)	162,731	2,783
Dairy Cattle tested for Bangs and T B. (Number)	5,671	1,597
Barns constructed or renovated (Number)	763	691
Dairy calves raised (Number)	6,438	2,551
Dairy cows artificially inseminated (Number)	195	105
Dairy cows bred to pure bred sires (Number)	2,612	875
Silage fed to Dairy cattle (Tons)	575	70
Beef cattle owned (Head)	40,481	1,661
Beef cows bred to pure bred sires (Head)	7,440	638
Beef calves fed for market or home use (Head)	3,585	998
Beef cattle treated for parasites (Number)	12,813	872
Beef cattle vaccinated (Head)	2,146	313
Self-feeders constructed for Beef cattle (Number)	443	258
Beef cattle Barns or Sheds constructed or renovated (No.)	454	379
Workstock owned (Number)	4,530	3,321
Workstock vaccinated—Sleeping sickness (No)	662	354
Workstock treated for parasites (Number)	1,242	800
Colts raised (Number)	557	176
Shrubs transplanted and cared for (Number)	51,491	2,035
Fruit trees transplanted (Number)	41,234	2,088
Fruit trees pruned (Number)	73,599	1,565
Fruit trees sprayed (Number)	110,542	877
Fruit trees budded or grafted (Number)	69,703	387
Gardens planted and cared for (Acres)	6,399	5,076
Food canned (Qts.)	85,829	4,728
Food dried (Lbs.)	39,345	534
Meat cured (Lbs.)	945,973	3,151
Food stored in frozen lockers (Lbs.)	345,566	1,387
Lard rendered (Gallons)	72,068	3,108
Tractors purchased (Number)	812	1,029
Combines purchased (Number)	18	79
Mowers purchased (Number)	260	385
Other machinery purchased (Number)	3,956	1,840
Farm buildings constructed (Number)	1,567	1,371
Farm buildings painted (Number)	484	382
Hives of Bees (Number)	5,161	282

Statistics on Individual Work

Practices	Number Participating	
Trainees providing temporary pastures for hogs	2,961	
Trainees scrubbing and disinfecting farrowing houses	717	
Trainees establishing lawns	1,269	
Trainees doing concrete work	1,819	
Trainees painting outside of dwellings	1,339	
Trainees redecorating inside of dwellings	1,446	
Trainees dwellings wired for electricity	2,183	
Trainees homes installed with running water	1,452	
Trainees dwellings screened	2,541	
Trainees homes installed with bathrooms	896	
Sanitary privies installed	1,713	
Trainees planning Home Food Budgets	4,517	
Trainees painting machinery	1,150	
Trainees testing soils for P. H.	1,925	
Trainees culling flocks	2,790	
Trainees providing green feed for poultry	2,952	
Trainees grading and candling eggs	761	
Trainees fencing poultry yards	2,938	
Trainees changed from Renters to Owners	286	



Leroy Townsend, veterans teacher, points out to Guyton Williams the excellent condition of the hogs which have been grazing on White Dutch clover at Leo Braeton's farm in Jackson County. Soybeans in foreground will furnish green grazing when clover is gone. Braeton started his on-the-farm training in 1947 without an acre of improved pasture.

Lots of Interest Shown in Jackson County Corn Contest

by GUYTON WILLIAMS, Area Supervisor
ACCORDING to veterans teachers in Jackson County, the corn contest is attracting attention from all over the county. John Woodham, veterans teacher at Sneads, says, "From all indications, we are expecting a record, or near record yield, even though the dry weather and hot winds have caused considerable damage."

Howard Smith, veterans teacher at Graceville, says, "Dry weather damage has been spotty, and the majority of men in my class have above the average corn this year. All early plantings are averaging 10 to 12 bushels above average, while later plantings are giving poor yields."

Generally speaking, the seasons in most areas of Jackson County have not been conducive towards producing "bumper" corn crops, however, due to some proven practices such as early planting, plenty of fertilizer and wise cultivation, a great number of participants have made good showings, not only in contest plots but in larger acreages. The early planting has been particularly beneficial this year, and from present indications, there will be yields that would not seem possible in the county.

The contest is proving that feed can be raised more economically at home and that through the proper practices, a really good yield can be expected.

Corn contest is sponsored by the agricultural committee of the Chamber of Commerce under the guidance of H. J. Turner, Chairman, veterans agriculture teachers, J. D. Milton, County Superintendent of Public Instruction, and the County Board of Education.

Those who were eligible to enter were veterans enrolled in the "On-The-Farm Training Program", March 1, 1949. Two hundred young farmers entered the contest, and approximately 150 of that number still remain in the contest.

Pasture Program Devised by Veterans For Small Farms Gives Winter Grazing

IN APRIL OF 1948 the two veteran agricultural classes in Cottondale, under the direction of Leroy Townsend and John S. Braxton, arranged a pasture tour in the county. On this tour were seen various kinds of clover and grasses which the larger farmers had been very successful in growing. After visiting these farms a plan was devised which would fit the small farms which the trainees owned and operated.

In October of 1949, 22 veterans planted clover and other grasses on a small scale, using Dixie Crimson Clover, Coastal Bermuda Grass, Common Bermuda Grass, Louisiana White Dutch Clover, Hairy Indigo, Kentucky 31 Fescue, Millet, Oats and Rye.

In April of 1949 all the veteran classes attended a tour of small farms in the Cottondale area which were mostly owned and operated by members of the two Cottondale classes. That fall the Jackson County Veteran Teachers pooled their orders and purchased 4500 pounds of Dixie Crimson Clover seed and 400 pounds of Ladino Clover seed.

In April, 1950, another tour was held in the county and all the veteran classes, FFA, 4-H Clubs and interested farmers attended this tour which was concluded with a tour of the experiment station farm near Marianna.

On our recent tour the visitors saw the results of how proper planning of a pasture program can greatly improve the quantity as well as the quality of livestock on a small farm. It was also pointed out on this tour how use could be made of what is normally considered waste land on the average farm, if the proper decisions are made when selecting the proper crops or grass for the particular type of soil.

As each crop takes its place in the farm program so should each grass take its place in the pasture program. On this basis a

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Dirtless Farming Taught in Palm Beach

by CLIFFORD B. SAVAGE
YOU MAY THINK of the On-the-Farm Training Program as a "down to earth" way of getting off to a good start in farming, but there are seven members of classes in the Palm Beach Center who are taking up "dirt-less farming".

More specifically, these trainees are engaged in what is usually called hydroponics. The method is more correctly termed nutriculture or gravel culture. A water solution of essential plant nutrients is pumped into the gravel filled bed from a storage tank, at once, drained and pumped out again and back into storage. This process is repeated two or three times a day according to crop and temperature, thus keeping the gravel moistened with nutrients and furnishing plant food continuously to the roots. Inverted half round tiles or boards, furnish a channel along the center of the bed.

Employment of gravel culture in slat houses or greenhouses in southern Florida, as well as elsewhere, is creating the interest of commercial and amateur growers of vegetables, cut flowers, and ornamental nursery stock.

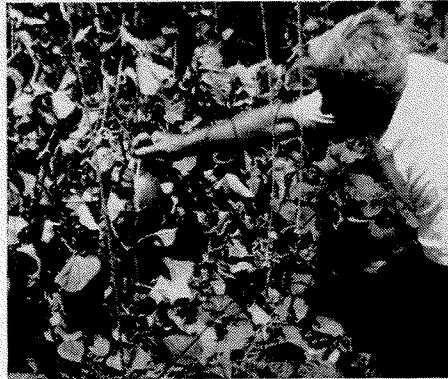
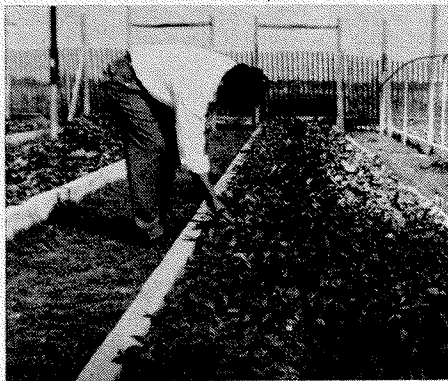
One trainee, Henry Messeroll, a hydroponic tomato grower at Delray Beach is planning a new installation to produce high priced ornamentals.

At present, the hydroponically minded trainees are growing tomatoes as a fall, winter, and spring crop, and add cucumbers and cantaloupes in the spring and early summer.

One of them, Archie Gilchrist, is growing hydroponic strawberries, and last fall produced and sold many thousand tomato, pepper and egg plant seedlings. These were sold to local growers for soil planting. Gilchrist and Shelton Webb, another trainee at Jupiter, both intend to increase their plants next fall.

In addition to the commercial crops, these seven trainees using hydroponic plants are interplanting some of their favorite vegetables in the bed for family use. These include sweet corn, cabbage, salad greens, pole beans, radishes, and watermelons. The quality of the vegetables in these family gardens is invariably good.

Leo Freda, of West Palm Beach, who now has 35 one-hundred-foot beds in bearing tomatoes describes his work as follows: "Hydroponic farming is a full time job, especially for those who cannot afford to hire help. After the beds and tanks are built, the gravel delivered, placed and sterilized, the plants set and later tied up to the trellis, there begins a continuous round of work. This consists of feeding the nutrient solution three times a day,



Hydroponics is dirtless farming. Top to bottom, these pictures show: Teddy Krol, instructor, checking strawberry plants in Archie Gilchrist's plant at Boynton Beach; Howard Messeroll checking his tomatoes at Delray Beach; Clifford B. Savage, instructor, checking cantaloupes at the H. E. Davis plant near Delray Beach; Leo Freda, trainee, cleaning and grading tomatoes near West Palm Beach.

and spraying once every five days. Then comes pruning, retying the growing plants, also picking, packing and marketing.

"Advantages of a hydroponic installation over field growing are numerous: (1) Simple and efficient sterilization of the gravel, eliminating root-knot and other types of root troubles; (2) Concentration of the growing area.—The tomato plants are set one foot apart and trained to grow as a single vine, and we had 5000 tomato plants in an area 100 feet by 150 feet which should bear a minimum of 1000 bushels each planting; (3) Feeding plants a perfectly compounded solution of all elements necessary for plant growth—sixteen in all—results in healthier plants, better fruit and a more healthful product to the consumer.

"It is evident that consumers are becoming increasingly aware of the virtues of hydroponic grown tomatoes and will pay more for them."

Mr. Freda also points out that hydroponic culture is well adapted to Florida growing, stating that the growing season coincides well with the tourist season. He states that picking begins in December and continues through to June or July and that the winter visitors are "sold" on hydroponic tomatoes.

Installation costs of a hydroponic plant are relatively high, but the construction is permanent and should last indefinitely. A conservative cost of one-hundred-foot concrete bed, three feet wide, eight inches high and 100 feet long, including trellis, supports and seven tons of gravel, is \$250.00 according to Freda. However, he and his brother John Freda did all the work, which makes a lot of difference. The operator who contracts the work will pay much more. Other construction costs are the storage tank pipe, deep well, wind break, and a packing and storage house. Costs will vary greatly. No attempts will be made to reach specific figures. Operational cost records of the plants under supervision are not complete and cannot at this time be accurately given. In most cases, labor costs should be less in hydroponics than soil farming since much more produce is made on much less space.

Skill in formulating nutrient solutions to suit the needs of the crop and the season is essential in successful hydroponic farming. Nutritional balance is imperative as indicated by deficiency symptoms, blossom drop and resulting lowered yields when the balance is off. Adjusting the pH of the solution and holding it within narrow limits, also is important. If and when basic research in hydroponics is instituted in Florida, influence of the

physiological angle should be seriously considered.

Experience will teach the hydroponic grower that the plants as grown are far from immune from disease and insect pest depredations. In fact, two successive tomato crops were almost completely destroyed by bacterial wilt in a large plant in Palm Beach County two years ago. The reason was lack of complete bed sterilization. This has been corrected by sterilizing with formaldehyde. Several types of mosaic diseases have also been observed. Strict sanitary methods and control of virus-carrying insects are thoroughly practiced by successful growers. Virus diseases are always most dangerous on plantings as concentrated and handled as much as those in hydroponic culture.

Late blight infection on hydroponic grown tomato plants has not been severe in this area during the current season. Gray leaf spot (*Stemphyllium solani*) has been severe in some hydroponic plants. Dithane-zinc and Parzate-zinc spraying have been effective for both diseases.

Home Made Machine Harvests Seed

THE TWO VETERANS' CLASSES at Greensboro constructed a small Clover seed harvester for use on their small plots of Crimson Clover for saving seed to enlarge their plots.

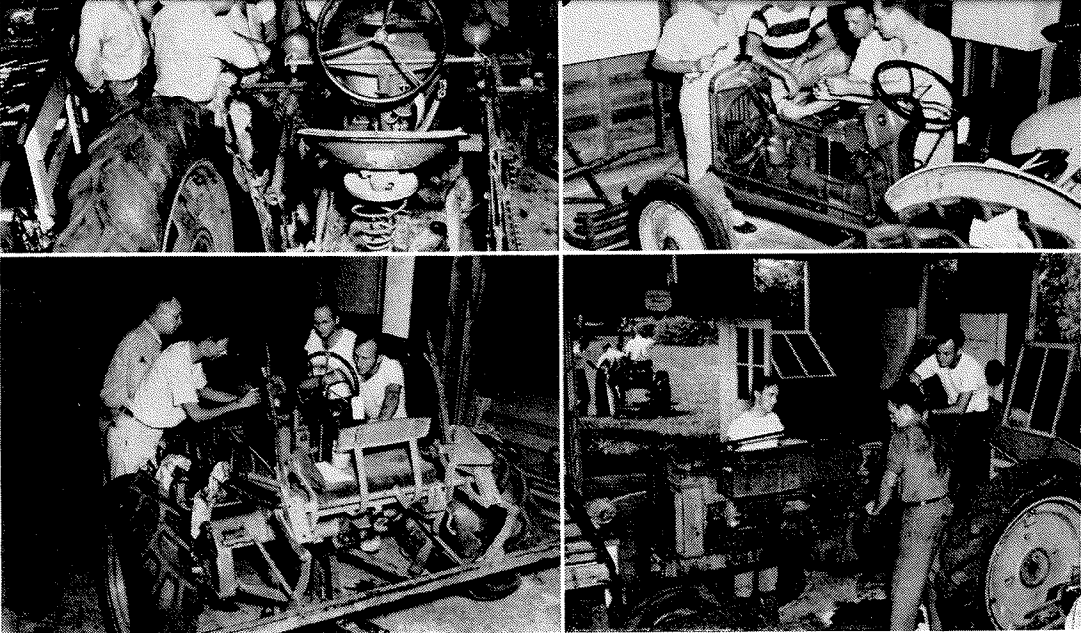
They found a picture of this type of harvester in the April issue of *Progressive Farmer*. By writing to the county superintendent of public instruction in Thomaston, Georgia, where this machine was built, a copy of the plans were obtained.

Using an old bicycle, some sheet metal, angle iron, strap iron, and a set of bearings and a great deal of cooperative effort, a machine was completed in a few days.

When Clover was mature, this machine was used by members of these classes who helped to build it. It moved from one farm to another as Clover ripened until every member had a chance to use it.



Construction of this hand-operated seed harvester was supervised by A. D. Plemmons, veteran teacher, photographed with the machine.



Practical mechanics was taught to vocational agriculture teachers in workshops conducted at three Florida cities during the summer by A. H. Hollenberg, shop specialist for the U. S. Office of Education. Upper left, Hollenberg (right) demonstrates a point in tractor maintenance. Upper right, W. H. Parady, (right) shop specialist for the Florida Department of Education, shows sparkplug cleaning procedure. Lower left, Hollenberg (left) watches as vet teachers do it themselves. Lower right, three veteran teachers try to find out why that tractor won't run.

Mechanized Farming Brings Special Workshop Instructions

MECHANIZED FARMING is rapidly taking its place in Florida and to keep up with the trend, every effort is being made to educate our young farmers in the operation and maintenance of farm tractors and equipment. To further this effort, H. E. Wood, State Supervisor of Vocational Agriculture and G. C. Norman, Veterans Supervisor of Vocational Agriculture laid the foundation for tractor maintenance workshops to be conducted in the state this summer for high school and veteran teachers of vocational agriculture.

The services of A. H. Hollenberg, Farm Mechanics Specialist, U. S. Office of Education, were obtained and Mr. Hollenberg, with the assistance of W. H. Parady, Farm Shop Specialist, Florida Vocational Agriculture Department, scheduled three such workshops. These were held at Plant City the week of June 26, Tallahassee the week of July 3, and Gainesville the week of July 10. A total of 83 teachers, both high school and veterans, attended these courses. Complete instructions were given in the care and maintenance of all makes of wheel-type farm tractors.

It was gratifying to see the cooperation received from local tractor dealers and farmers who furnished the tractors in making these workshops successful. A total of 23 tractors was used and each tractor was in the desired field condition. Special recognition should be given the American Oil Company and C. R. Lund, director of rural youth activities of the Ameri-

can Oil Company. Mr. Lund was present at the Tallahassee and Gainesville workshops and discussed the subjects of fuels and lubricants. The American Oil Company furnished practically all the fuels and lubricants that were used at these two workshops.

In addition to the general preventative maintenance jobs that were taught at these workshops, the very important subject of "Safe Farm Tractor Operation" was stressed and pointed out to be the most important phase of the course. The greatest cause for accidents on the farm is carelessness and with a tractor, it is usually the "nut behind the wheel" that is the cause of accidents and breakdowns.

Mr. Wood and Mr. Norman state that this is only the beginning in teaching these important subjects of care and maintenance of farm tractors and equipment. Every effort will be made to conduct similar workshops throughout the state until all the high school and veterans vocational agriculture teachers have had an opportunity to attend and be better qualified to pass this information on to the high school agricultural students and the veterans enrolled in the on-farm classes. Maybe then our farmers will be able to operate their tractors from 10,000 to 12,000 hours without a major overhaul as it should be instead of the usual 5,000 to 6,000 hours. When that day comes, it can be truthfully said that the time and effort have been well spent.



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