

TABLE OF CONTENTS

- I. Cover Page
- II. Table of Contents
- III. Narrative Summary
- IV. 4-H Club Organization
 - 1. Methods employed.
 - 2. Leaders used.
 - 3. Goals
 - 4. Results
- V. Projects.
 - A. 4-H Projects
 - 1. Home Victory Gardens
 - 2. Poultry
 - 3. Livestock (Beef and Dairy)
 - 4. Handicraft
 - 5. Leadership
 - B. Agricultural Work.
 - 1. Seed Improvement
 - 2. Plant Disease and Insect Control
 - 3. Agricultural Conservation Program
 - C. Miscellaneous
 - 1. Home and Farm Fire Hazards.
 - 2. Registration of Farm Trucks for Certificates of War Necessity.
 - 3. Victory meat and Garden Programs.
- VI. Plan of Work for 1943.
- VII. Statement concernin the work of the Assistant County Agricultural Agent.

III. Narrative Summary.

The work of the Assistant County Agricultural Agent of Pinal County is divided into 4-H Club work and the general agricultural, as well as the added work this year of the new victory programs that are being launched. Also along this line much time is being spent in the registration of trucks, etc. in line with new Government registration programs for the rationing of the many different commodities. During this year 200 days were spent in connection with the 4-H Club work of the county, and 81 days were spent in connection with adult work such as registration of trucks and fire hazards being removed from the farm and home.

During the past year 116 projects were started with only 77 of them completed by the boys of the county. There were 32 projects started by the girls of which 30 were completed to the satisfaction of all concerned. This made a total of 193 projects started with 107 of them completed. This is the first year that a REA Club has been attempted in this county. Nine boys enrolled at the McDowell School for the summer REA Club and 9 boys completed at the end of the summer, making a completion of one hundred percent. This club was handicapped somewhat this year because of the shortage of critical materials needed in this club to carry on the projects. Several appliances were repaired and the principal of electricity was studied so that any one of them will be able to set up and repair any simple electric connections or household appliances which might need it.

Projects this year were carried in dairy, beef, cotton, Victory Gardens, swine, Home Beautification, REA and Handicraft. Organized clubs were at the following schools: Casa Grande, Sacaton, Walker Butte, Florence, Kenilworth, McDowell, Toltec, Kelvin, Hayden Junction, Vail, and Oracle.

The Assistant Agent put in 12 months of service this year with 171 days being spent in the office and 110 days being spent in the field. Two hundred and ninety-three farms and homes were visited this year with a total of 200 different homes and farms being visited. Five hundred and eighty-eight office calls were made for assistance from the Assistant Agent. During the year nine radio broadcasts were made or prepared by the Assistant Agent. Ten training meetings were held for local leaders with a total attendance of 50 leaders. Three tours were held during the year with a total attendance of 120 children taking part. These tours consisted mostly of judging tours and project tours to the different members' homes and farms. Ten achievement days were held with a total attendance of 200, including parents and interested parties.

The Assistant Agent took a two-day trip with the AAA representative to the eastern part of the county in the furtherance of the Agricultural Conservation Program at which time a total of 10 different farms were visited.

Thirty days of the year were spent in the organization of Cooperative Agricultural Planning; 34 days were spent in connection with crop production of the county; 40 days with livestock production, five days with the conservation of natural resources; 25 days with farm management; 15 days with general economic problems related to agriculture; 50 days with marketing and distribution; 20 days with housing, farmstead improvement and equipment, and 63 days were devoted to the new victory programs of the Government, such as the registration of all of the farm trucks for their Certificate of War Necessity, and the program to rid the farm and home of all the fire hazards so as to cut down the fire possibilities.

The Assistant County Agricultural Agent of Pinal County accompanied the Arizona State winners to the National 4-H Club Congress held in Chicago from November 28, 1942 to December 4, 1942. This year three national winners were among the Arizona representatives. They were Tommy Patterson, winner of a \$200.00 scholarship; Louisa Fay Simons, winner of a \$200.00 scholarship; and Charlotte Patterson, winner of a gold watch and the trip to Chicago. Two boys from Pinal County were there to give a demonstration on the dairy production division, but they failed to place within the two highest award groups.

IV. 4-H Club Organization

1. Methods Employed.

In Pinal County 4-H Clubs are organized almost entirely in the rural schools. There is only one club which is not in connection with the school which the children attend. This one exception is the club carried on in connection with the high school children of the Casa Grande area. The club meets in the office of the Assistant County Agricultural Agent on the average of once a month. The members of this club are being trained in the hope that they will make leaders for the future and take all of the club work out of the school system. It is felt that better leaders will be obtained by this method as well as more interested members. The schools are visited soon after opening in the fall at which time the clubs are organized and the enrollments are completed in the Agent's office by the first of December. It has been the custom in the past to visit each school at least once a month to give them any help which they might need, but it is anticipated, now with our rationing programs in swing that they will be visited only once every two months. More news letters are to be sent out to the clubs to keep them informed as to what the other clubs are doing.

2. Leaders.

All leaders of the boys clubs are school teachers at the present time except the leadership club of Casa Grande. It has been found that teachers are the only ones who can be obtained at the present time, but it is hoped that we will be able to drift away from this set-up as soon as possible. That fact that Pinal County is made up of large farms in most cases, will make the possibility of finding outside leaders very difficult. As the country is developed and time goes on it may be possible to obtain local farmers and parents to lead the 4-H Clubs of the county. During the past year there was one general leaders meeting held at which time the coming Pinal County 4-H Fair was planned and discussed. Meetings of this type cannot be expected in the future because we will not feel it is fair to ask people to drive any distance to attend such meetings. More work will have to be done with News Letters and letters of instructions as they are deemed necessary.

3. Goals.

It is the desire of the Assistant Agent to have the enrollment increase from year to year, but along with this we are keeping in mind the fact that we want Quality instead of Quantity. Several of our communities have been drained of a large percentage of their school-age children because of the fact that they are moving to the areas where war work is being obtained by their parents, and this situation is leaving little or no club work in some of these areas. This fact is particularly true of the Eastern part of Pinal County. Each child who enrolls in the 4-H Clubs of Pinal County has to carry to completion one or more projects during the year before she or he will receive the club pin or the certificate of achievement. This constitutes at least five months of club work. This year, in addition to the regular project, each member is asked to carry on all of the Victory programs that they can and do them well. Such programs as the collection of scrap metal, rubber, paper and any other articles that our Government has asked for are participated in by all of the 4-H Club members of the county. Several small clubs have reported that they have sold a considerable amount to scrap to the junk dealers. The McDowell 4-H Club reported that they have \$20.00 in the club fund as a result of the scrap collection. It is attempted to have project tours to each of the club member's farms and homes at least once a year. Judging tours are made at least three times during the year in the attempt to train judging teams to participate in the various judging contests as they come up. A county fair has been held each year for the past nine years, but it is feared that this will have to be postponed for the duration.

4. Results.

Enrolled in club work this year were fifty first-year boys and five first-year girls; twenty second-year boys and seven second-year girls; fifteen third-year boys and five third-year girls; ten fourth-year boys, five fifth-year boys, and one sixth-year boy. This totals one hundred and one boys and seventeen girls carrying projects under the classification of boys' work. It will be attempted to keep these older members in the club work a little longer so we will have some outstanding members for national contests in the future.

A definite improvement has been noticed in the quality of the club work being done this year. A few more crop club members have been enlisted for this past year with some very promising results. One member attempted a project of 20 acres of cotton. This year many victory gardens were planted showing an increase of sixty percent over last year.

V. Projects.

A. 4-H Club Work.

1. Home Victory Gardens.

Every boy and girl enrolling in 4-H Club Work has been asked to plant, if possible, a Victory Garden at home, at school, or with a neighbor, wherever it is at all possible. We felt that each could carry such a project in addition to his or her regular project because, in these times, each one of us has to do just a little more than has been done in the past. All members who had land and water planted a Victory Garden this year. Some have had gardens under very adverse conditions, although it has not been advised when it is not deemed practical. According to a recent survey it has been found that 60 percent more gardens were planted during 1942 than were planted in 1941.

2. Poultry.

Many club members have added a few hens and chicks to their regular project to assist in removing the tension that is present in our very acute meat shortage. The two outstanding poultry club members this year were from the same club. They were Bobby Wright and Duane Foults of the Kenilworth Club led by Mr. Bill McConnell.

3. Livestock (Beef and Dairy)

There were about twenty club members this year that had dairy cattle or calves for their project. A large percentage of the calf club members of this county turn out to be the best club members and stay interested for a longer time than do those having other projects. There were eight club members who carried beef projects this year with one very outstanding member exhibiting at Tucson livestock show last February. This animal placed third in a class of thirty other animals. The boy who showed this animal was given the first prize for having the best-groomed steer in the show, as well as the first prize for the best record book entered, and second price for having the second cleanest stall while at the show. It is felt that these beef clubs are the coming thing for 4-H club members of this county.

4. Handicraft.

Handicraft clubs are organized at the schools which are outside of the agricultural areas of the county. It seems that this type of club works better and is more interesting than any other that we have to offer for the mining areas where they can have no livestock or crops. The children of these clubs have been using the native woods, such as Cholla, Mesquite and Iron woods for making some of the novelty projects which sell in the larger cities for considerably more than ordinary articles. Articles made from these woods make good Christmas gifts for friends and relatives from the East and Middle West. A REA Club was organized here for the first time this last summer with very good results so it will be continued in the future. Several articles were made and repaired by this club.

5. Leadership Clubs.

A Leadership Club was organized last year with the older club members of the high school as members, and it is hoped that in the future these members will be available to use for local leaders. It is felt that they would make much better leaders than the school-teachers who have no interest at all in the work of the 4-H Club children. Five members took active part in the programs of the leadership club last year and it is hoped that more will come in from time to time.

B. Agricultural Work.

1. Seed Improvement Program

Many days were spent by the assistant agent roguing SxP cotton that is in the Seed Improvement Program of Pinal County. After the cotton had matured and was picked, the Assistant Agent with the Agent spent much time inspecting the cotton gins in preparation for the ginning of this cotton. There is an increased acreage of Pure SxP cotton planting this year mainly because of the development of the large tract of land South of Casa Grande by the Smith-Thornburg Co., which was all put into pure seed plantings. We feel that next year there will be no shortage of pure seed to be planted for all farmers who desire to have it.

2. Plant Disease and Insect control.

Much time was spent by the Assistant Agent in making insect count and advising the cotton farmers when to dust so that their crop would not be completely destroyed by the insects.

It is estimated that 100 different farms in the county were visited and insect counts made for the farmers. We are very happy to report that there was very little infestation from harmful insects this year. There were a few farmers who had to dust in order to save their crop.

3. Agricultural Conservation Program.

Several days were spent with the AAA Representative surveying farm land of the county and helping to determine the soil building practices which they should follow for the following year.

C. Miscellaneous.

1. Home and Farm Fire Hazards.

Check sheets were prepared and sent to all of the farm and homes of the county asking them to remove all fire hazards that happen to be present so as to cut down the loss from such fires. Very good results were obtained in most sections. A decided improvement can be seen around the county.

2. Farm Truck Registration (ODT Order)

The assistant spent a total of sixty three days in the registration of the farm trucks of the county so that they might obtain Certificates of War Necessity. Considerable time was lost in this transaction because a large percentage of the farmers did not receive the applications before they were to come into the office to sign up for the Certificates of War Necessity. To the closing of this year we shall still be working on this registration.

3. Victory Garden and Meat Programs.

Much time has been devoted to the present Share-the-Meat Program. The county has been broken down into twenty-one different portions where leaders have been chosen to assist in the carrying out of the program. Very good cooperation has been given in this regard. The Victory garden program has been functioning for the complete year with an added increase in the number of gardens over that of last year. Both of these programs have been accepted 100 percent in all sections contacted.

VI. Plan of Work for 1943.

A. 4-H Club Program.

- December - Visit Clubs and complete enrollments for the year, 1942-1943. Attend Hereford show in Phoenix.
- January - Visit Clubs and assist club members where necessary.
- February - Make project tours if it is at all possible.
- March - Arrange to finish out any beef stock that is left so that they can be sold this month, or possibly next month.
- April - Visit clubs and let them know that the end of the year is near. 4-H Club fair if possible.
- May - Closing of all 4-H Club projects and the turning in of books to the Agent's office.
- June - Start summer clubs.
- July - Visit 4-H Clubs.
- August - Close summer clubs.
- September - Outline plan of work for coming school year in 4-H Clubs.
- October - Organize 4-H Clubs at all rural schools.
- November - Visit all clubbs possible.

B. General Agricultural Work.

- December, January, February - Soil Conservation, Pure Seed.
- March, April, May - Land Leveling, Irrigation, Dairy
- June, July, August - Insect control, cotton, pure seed.
- September, October, November - Insect control, pure seed, beef.

VII. Statement concerning the Work of the Assistant
County Agricultural Agent.

The work of the Assistant County Agricultural Agent of Pinal County is primarily the organization and carrying out of a complete program in 4-H Club work. With exception of one club, all of our work is confined to the elementary schools. We have one high school club in Casa Grande known as the Casa Grande Leadership Club. Our agreement with the Vocational Educational Department of the State forbids us to function in any high school where their work prevails; therefore, we have no club work in Coolidge and Florence high schools.

The 4-H Clubs are organized soon after school starts in September and they have their projects selected and the final enrollments are in by the first of December.

To organize a 4-H Club there must be five members to start between the ages of ten and twenty-one. Each club should be set up for members all interested in one type of project, but that is impossible in this county, so some of the clubs have a different project for every member in the club.

Leaders for these clubs are obtained from the schools where the children go and they are given time to meet during school hours. We feel that this is not as good a set-up as could be had if we had some outsiders acting as the leaders.

Each year a county fair is held in April which more or less finishes the club year. During the fair we have judging

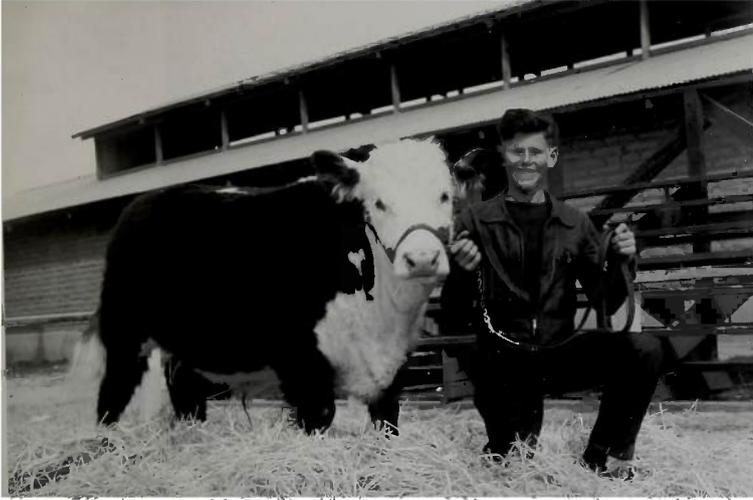


Pinal and Pima county boys practice judging at the U of A farm in Tucson.

Pinal County Boys gathered around the University Champ steer getting some pointers.



Here the boys from Pima and Pinal counties line up behind the prize heifers as the leaders hold them.



David White kneeling beside his fat steer which placed third at the 1942 Tucson Livestock Show.

LETTERS
To the **EDITOR**
 We Invite Contributions to this Department

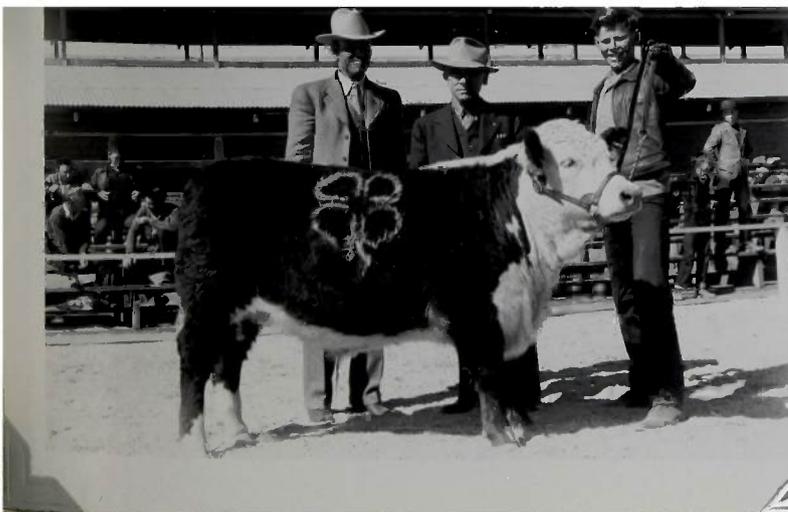
Feb. 20, 1942
 Casa Grande, Ariz.

Dear Editor,

I want to thank you for the fine write-up about my steer but I feel I must tell you much of the credit for my success goes first to Mr. Dan Clark, former 4-H club leader here who helped me become a good 4-H club member and thus made it possible for me to receive the steer Mr. Howell offered a club member. Second, to Mr. Howell for his wonderful gift, then most credit must be given our present club leader, Mr. Gavette, who has done everything in his power to give me the best advice possible as to how to raise this steer.

I also owe a word of thanks to Mr. Henness and Mr. Emil Rovey, State 4-H club leader, for their words of advice and encouragement.

Sincerely yours,
 DAVID EDWIN WHITE



Here David and Herfy pose with Mr. Louis P. Horrell (left) of Globe who gave the steer to him and on the right is Mr. Charles P. Lump of the Los Angeles Stock Yards who bought the steer.

ARIZONA FARMER—Producer

Great 4-H Fair in Pinal



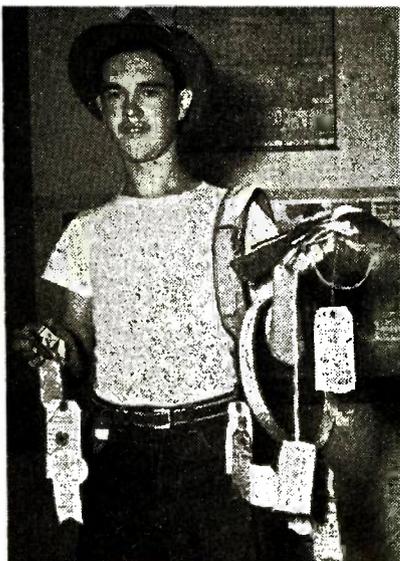
Best all-around flower exhibit! It was Erlene Nelson's and she's from the Wide-Awake Garden Club at Sacaton. Erlene showed eight kinds of blooms and won seven firsts.

DON'T say that Arizona Farmer didn't warn everybody to turn up at the annual Pinal County 4-H Fair, at the Kenilworth school near Coolidge, on April 10. The warning was here, and those who did not heed it are the losers.

It sure was a fancy fair. The exhibits were fine, the contests were exciting, the demonstrations were splendid, and the sports were a lot of fun.

There were a lot of unusual features, too. One was a dishwashing demonstration by Wilma and Lorene Holden, from the Vail school. Not that there is anything unusual about dishwashing; but there is, the way Wilma and Lorene do it. Still, they didn't take first prize. That went to Lois Tucker and Margaret Saunders, from Florence, who demonstrated how to make electrical repairs in the home.

A big part of the program, including the dress revue, was held in the evening. A dozen or so of Pinal's prettiest girls modeled their prettiest frocks. No winners were announced, for there is to be a "final" dress revue just ahead of the State 4-H Round-up at Tucson next fall.



Wizard with leather! That's Richard Jones of the Casa Grande Leadership Club, who had the best handicraft exhibit at the fair. Here he's loaded down under his prize-winning cart-ridge belt, beaded belt, tooled coin purse, beaded purse, field-glass case, bill fold, and neckerchief slide.

—Food for Victory—

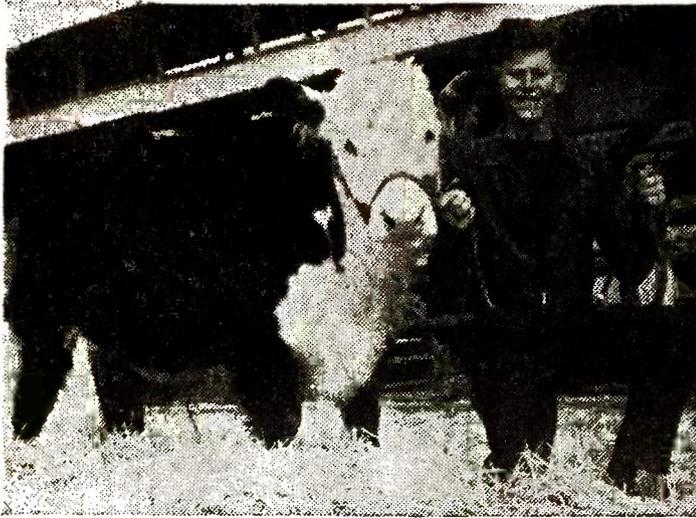


Judge Clyde Rowe said that this White Rock cock, exhibited by Duane Foults of Kenilworth, was the best bird of the show. The floral judge said that Duane's sweet peas were the best flowers. Duane was also high individual in stock judging. An all-around man!

—Food for Victory—

Here ^{are} three of the most outstanding contestants in the Ninth Annual Pinal County 4-H Club Fair.

HARD WORK PAYS DIVIDENDS



Articles printed in the local and Tucson papers about David's success at the Tucson Livestock Show, 1942

DAVID WHITE, Casa Grande youth, who captured many honors at the Tucson Livestock Show this week with his fat steer. Photograph shows him with his triumphant smile shortly after his steer won third place among 4-H entries.

When 14-year-old David White, son of Mr. and Mrs. Bill White, returns home this week end he will bring with him a pocket full of cash, heaped up honors such have never been accorded a local 4-H clubber and the satisfying knowledge that hard work, perseverance and courage are unfailing aids to success. In addition to taking two firsts, a second, a third and a seventh prize, the local youngster sold his fat Hereford calf for 26 cents a pound for a net of \$198.64, which will leave him a neat profit after feed bills have been deducted.

Exhibiting a young steer which Louis Horrell, Globe cattleman gave him as a tiny calf, David won third place and \$30 prize money in the junior class. In the open class, which included fat steers exhibited by all of Arizona's largest cattle growers, the red-headed youngster took seventh place, no mean honor for a 4-H club member. The prize money was \$5.

David won first place and a \$10 camera given by the Martin Drug company in the record book contest, and took another first place and \$7.50 in cash for the best groomed steer. Second place and a Scotch comb and brush were awarded him in the best kept stall event.

David spent all of his spare time caring for the animal and watched it grow from a struggling calf to a fat, healthy steer tipping the scales at almost 800 pounds. When one considers that he earned every cent of the approximately \$90 that went into feed, special barn and veterinarian fees it is not difficult to see how few were his idle hours during the past several months. He hoed and picked cotton on his father's farm near Casa Grande to earn the money.

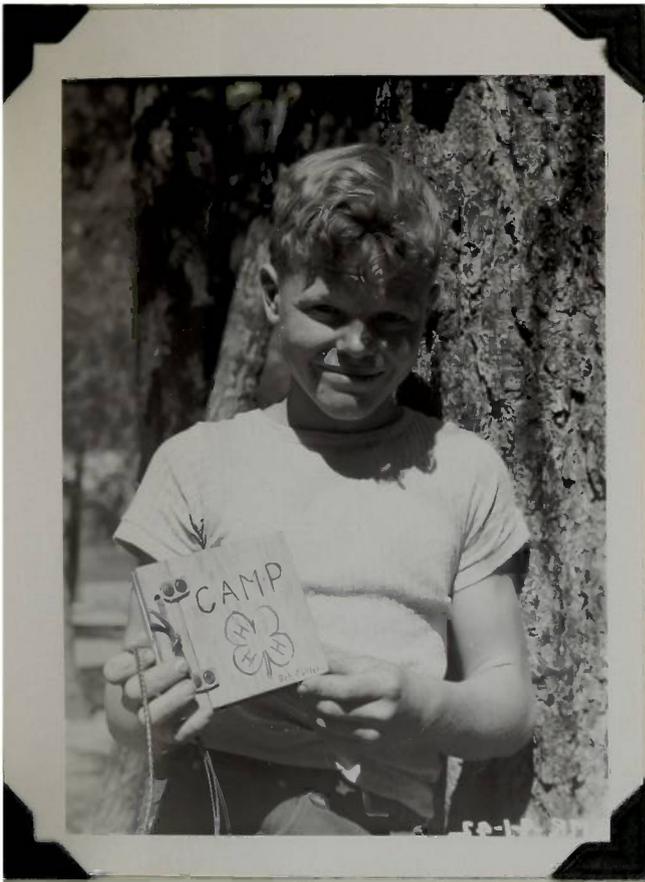
The steer sold to Charles P. Lumpp, vice-president of the Los Angeles Union Stock Yards.

YOUTHFUL 4-H'ER COLLECTS REWARD

The thrill of accomplishment came to young David White, 14-year-old Casa Grande 4-H clubber and only Pinal county contestant and exhibitor in the 1942 Tucson Livestock Show.

Exhibiting a young steer which Louis Horrell, Globe cattleman, has given him as a tiny calf, David won third in the junior class and \$30 prize money; seventh in the open class, for \$5 prize money; best groomed steer and \$7.50 prize money and a camera outfit donated by the Martin Drug company for first in the annual 4-H record book contest.

Like all 4-H boys, David raised and conditioned his young fat steer himself. Climax came at yesterday's sale when David's steer brought a bid of 26 cents a pound, netting the young 4-H'er \$198.64.



A good example of a
4-H Club Camper.

He is holding one of
the projects made while
at camp.



These Pinal County Boys are Doing their
Part with a smile. - Good Campers



Girls from Pinal County getting instructions in "Boondoggling" from the Assistant County Agent.

"Another 4-H Club Camp Experience"



Boys showing rope halters made at 4-H Club Camp under the Direction of Paul Brown.



Pinal County group that attended the first 4-H club camp held at Groom Creek near Prescott.

This is the end of another day. "The flag comes down before dinner!"

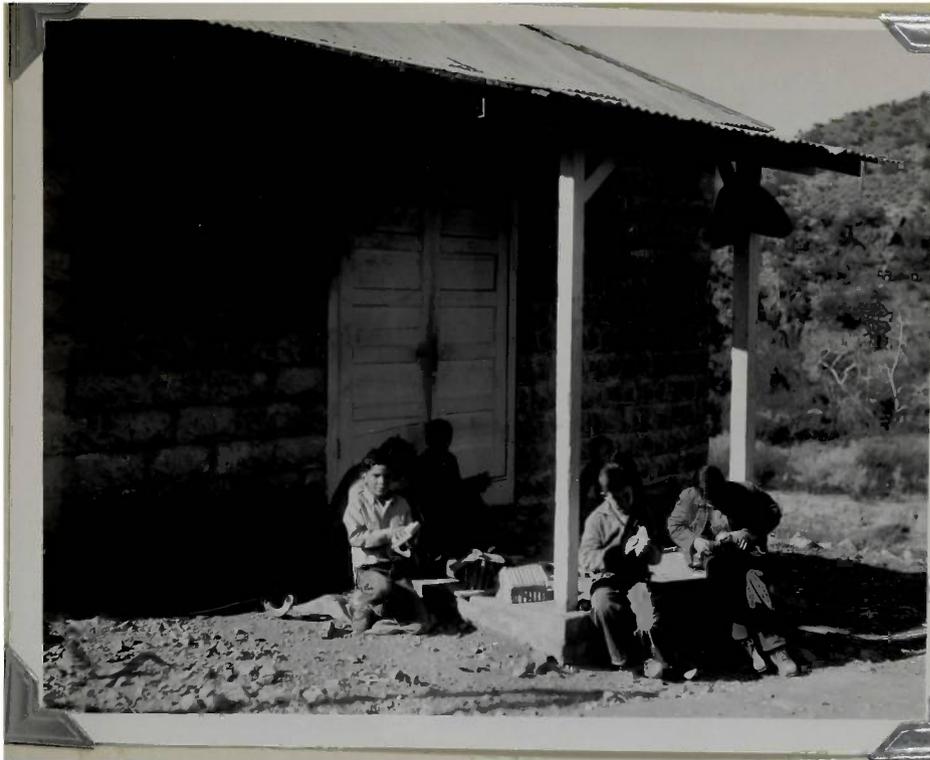




Earl Watson of Randolph shows us his
1941 project, a sow and her pigs.

Here Earl poses with his 1942-43
project; Friday, his hereford steer
which he obtained from Mr. Steve
Bixby of Globe, Arizona.





Boys at the Vail school working at
their handicraft on the porch.

This is the front yard of the Vail
school in the Aravaipa.





Wade Watson (standing) and Dale Woods
 Demonstrating the "Model Rabbit Hutch"
 which was champion at the Ninth Annual
 Pinal County 4-H Club Fair.

The 1942 beef judging team getting their
 breakfast over a grill at the Tucson Live-
 Stock Show. Notice how wide awake they appear.





Boys of the McDowell school in their school "Victory Garden".

Gardeners at the 11-Mile School get their first lesson in irrigation in the form of a lecture followed by the real practice.



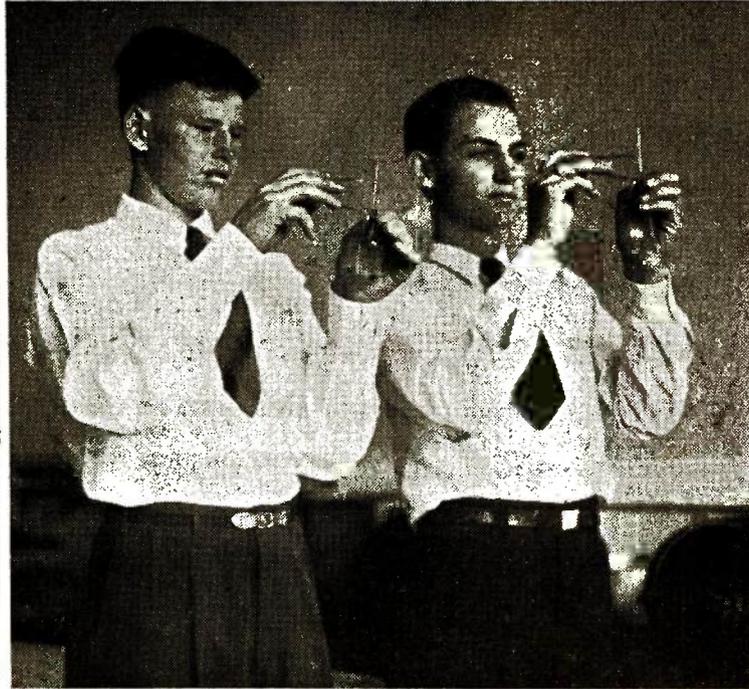


Children of the Hayden Junction School
with their scrap pile.

Here children of the Oracle School are
planting shrubs and fixing the grounds
as an Arbor Day exercise.



Win Trip To Chicago



David White, left, and Cedrick Darter, demonstrating the Babcock milk test, which they will perform in the National 4-H Club contests to be held in Chicago November 26 to December 6. They will represent Arizona in this division, and also will demonstrate how to keep dairy records.

STATE WINNERS IN DAIRY PRODUCTION
FROM PINAL COUNTY