

ANNUAL NARRATIVE REPORT

STATE: ARIZONA

COUNTY: YAVAPAI

REPORT OF:

JOHN McLERNON

FROM JULY 1, 1941

to:

NOVEMBER 30, 1941

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III SUMMARY OF ACTIVITIES

This Annual Report covers the period July 1st through November 30th.

A brief of the activities include:

(a) Continuation of root rot demonstration in orchard.

(b) Establishment water penetration test.

(c) Work with Division of Predator and Rodent Control.

(d) Work with livestock associations.

(e) Range demonstrations reseeding and goat utilization.

(f) Soil Conservation districts.

(g) Cooperation with Agricultural Adjustment Administration program.

(h) Result demonstration testing varieties resistant to alfalfa wilt.

(i) Result demonstration in control of Curly top.

(j) 4-H Club completions.

INTRODUCTION

The present Agent arrived in Yavapai County in July and with the continued help of Mr. Turville, took over the County Agent's duties, Mr. Turville assisting in full time capacity until the first of September.

Due to the fact that much of the Agent's time during this half year in Yavapai County has been devoted to getting acquainted, the Annual Report will only attempt to outline such work as was completed after having been started by Mr. Turville. There naturally will occur gaps in the two reports due to a difference in the manner of reporting routine work.

ANNUAL NARRATIVE REPORT

YAVAPAI COUNTY

From: July 1, 1941

To: November 30, 1941

PROJECT NO. 5-A ORCHARD MANAGEMENT

Work consisted of routine follow-up of projects, already established, with the help of Harvey F. Tate and Manfred Gottlieb.

An additional program is reported in Mr. Turville's report regarding a root rot test in orchards. It is too early to make final report of this project but there are indications that progress is being made in working out control measures.

PROJECT NO. 8 INCREASING THE DUTY OF AVAILABLE MOISTURE

The only additional project in this field not reported by Mr. Turville was the working out of tentative plans to conduct moisture penetration test in Camp Verde. The former agent reports that winter penetration of moisture has been good in many of the soils but summer penetration of moisture has been very poor. Small test demonstrations will be conducted next year in this regard.

PROJECT NO. 9 IMPROVING THE HEALTH OF THE POULTRY FLOCK

No new work was started in this field and previous work is reported in the former agent's report.

PROJECT NO. 10

RODENT ERADICATION

Work in this field is conducted as a routine matter from the office, poison grain and strychnine being distributed through the cooperation and under the direction of Mr. E. M. Mercer of the Division of Predator and Rodent Control. Mr. Mercer will, of course, report the total amount of material distributed.

PROJECT NO. 11

RANGE AND LIVESTOCK ACTIVITIES

Work of this project is conducted in cooperation with the Yavapai Cattle Growers, the Junior Yavapai Cattle Growers and the Arizona Mohair Growers Association and no formal program has been developed by the Agent as yet. This office has given assistance in matter of normal organization work and continuing Mr. Turville's plan of being the clearing house for their business.

The goat range demonstration started two years ago was revised to some extent through the cooperation of Dr. McGinnies and Tom Rigden. One demonstration meeting was held at which time the program was modified following the Mohair Growers desires, and the available assistance that it is possible for the Forest Service and Mr. Rigden to devote to this program. A full and complete report of this project will be found in the Livestock Specialist's report.

The warble control program under the direction of Dr. Pistor and J. T. Rigden was continued on the ranch of J. N. Wilkinson. All of the cattle on this ranch were again treated this year and a report of the seriousness of the infestation this year as compared with last, will be made by the Livestock Specialist.



Goats corralled for inspection of results of dipping. Inspections made by Dr. Johnston.



Grass mixture seeded to '38 on the Jerome Eddy ranch. A 1937 survey reported this 120 acre field as bare as a ball park. It had been that way for 20 years when farming operations ceased.

Contour furrows and reseeding have produced the above results.

MISCELLANEOUS

Soil Conservation District organizations were started in the county prior to this Agent's arrival. As of the date of this report these organizations have been given assistance in following the prescribed legal forms to secure final creation of districts in the Bridgeport area and the Camp Verde areas. The elections are scheduled for December 15, 1941 and it is expected the referendum vote will be favorable and the districts will be formed.

The institution by the Department of Agriculture of an Agricultural Defense program increased the necessity for educational meetings to be held in the county. This program was furthered by presenting Extension speakers at the regular meetings of existing organizations rather than calling special meetings of unorganized groups to present the programs. Following is a list of meetings and speakers and attendance:

<u>Date</u>	<u>Place</u>	<u>Specialist or Other speaker</u>	<u>Present</u>
11/3	Prescott	McLernon	17
11/3	Skull Valley	Rowe	16
11/4	Elarkdale	Rowe	28
11/5	Seligman	Rowe	97
11/6	Prescott	Rowe	36
11/7	Prescott	Rowe	44
11/10	Chino Valley	Dudgeon	14
11/10	Camp Verde	Turville	22
11/13	Bridgeport	Baker and Dudgeon	11
11/13	Cornville	Baker and Dudgeon	31
11/12	Radio Prescott	Dudgeon	
11/13	Radio Jerome	Baker and McLernon	
11/2	Radio Prescott	County Defense Board	
11/29	Camp Verde	Yavapai Cattle Growers	<u>135</u>
		COUNTY TOTAL	451

MISCELLANEOUS

This office cooperated with the AAA office in working out the details for the farm plan sign-up and in instructing and training the local committeemen and supervisors in methods of securing said sign-up.

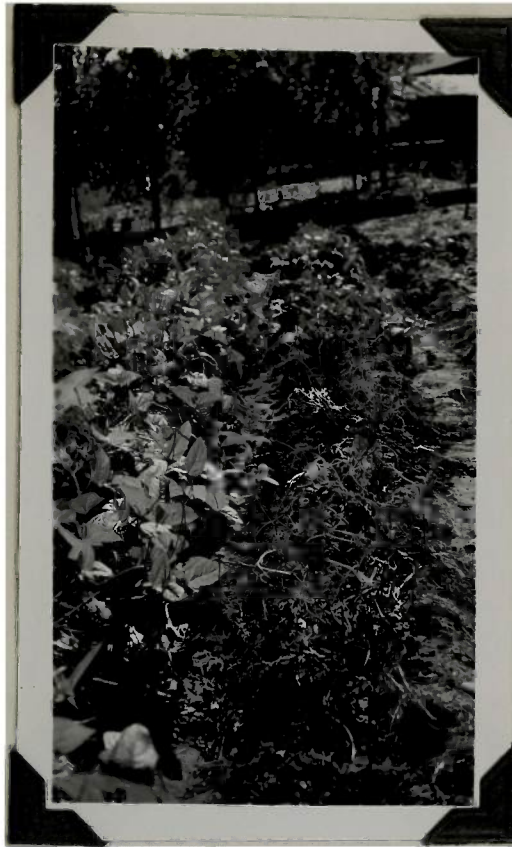
A result demonstration has been instituted in setting up a test for alfalfa variety with the result desired of finding a wilt resistant variety of alfalfa. This program is carried on in the Verde Valley and will be conducted in cooperation with the Phelps-Dodge Corporation.

A result demonstration meeting was held at the ranch of M. E. Griffin in connection with the Curly top control project which has been reported fully in Mr. Turville's report.

This office is cooperating with the Farm Security Administration in working out plans for the organization of cooperators to purchase machinery.

Completion programs of two 4-H club groups in the county, one garden club and one calf club were held. The results of the calf feeding club were not satisfactory. The calves were purchased in May at 10¢ per pound, averaging 500 pounds. These calves were purchased from Mr. Charles Ward on 120 day notes. The notes were due September 29th. Due to the hot summer and the lack of quantities of bulk feed, other than pasture during this feeding period, the calves were not quite ready for market. The notes were extended thirty days and an effort was made to get buyers to attend a 4-H Club Calf sale the last of October. However, the program was not successful because buyers could not be induced to come to Verde for eight calves, all of them being swamped with regular cattle purchases at that time. Also the amount of feed purchased from the store by the club members made the amount of investment in the calves so high that it is apparent that no profit will be made and in all cases except two, the boys will take some loss. It is hoped that this experience will guide future club work in this area and that in the future club calves will not be fed during the summer months.

A group of colored slides are transmitted with this report with the idea that if any of these pictures are desired by the specialists for their work, they can secure copies. A list of the titles of these pictures accompanies this report.



Nematode control project, Griffin Ranch. While the plowing under of single crop (not heavy) of rye failed to give control results, the explanation of the section of the row at the far end is that a pile of manure had been placed there. The injured crop is Pinto beans, the crop on the left a resistant bean.

Organic matter (recommended by Dr. J. G. Brown) is the best remedy yet used in Yavapai County.



4 H Club Members.

Clear Creek Calf Club.
(Leader, Sam Benedict in center).



- and their calves.

(See p. 9.)

COLORED SLIDES

1. Chemical gardening in Yavapai County. A successful attempt at the Emma Dutcher home, Prescott. Tomatoes, cucumbers and strawberries. Washed sand plan.
2. Curly top on tomatoes on the Griffin ranch -- Curly top project, Yavapai County.
3. Curly top project on Griffin ranch. Squash varieties, Yavapai County.
4. Cabbage yellows, County Farm, Yavapai County.
5. Apple tree chlorosis, Cornville, Yavapai County -- deep, sandy soil.
6. Dry land artichokes -- County Farm, Yavapai County.