

2.3

PROJECT NUMBER
State Leader # 106
County # 18

FARM ADVISER PROJECT: #18

COOPERATIVE EXTENSION WORK
UNIVERSITY OF CALIFORNIA
College of Agriculture
THE UNITED STATES DEPARTMENT OF AGRICULTURE
States Relations Service
Cooperating with
THE BOARD OF SUPERVISORS OF SAN DIEGO COUNTY

- I. NAME OF PROJECT: Superphosphate Demonstrations.
- II. LEGAL AUTHORITY: None
- III. LEADER: H. A. Weinland
- IV. LOCATION: All farm bureau centers in San Diego County where conditions are favorable and co-operating demonstrators can be found.
- V. HEADQUARTERS: Farm Adviser's Office, Court House, San Diego.
- VI. DATE EFFECTIVE:
- VII. OBJECT: To demonstrate the increased yield that can be obtained by the application of superphosphate as a commercial fertilizer to (a) alfalfa and (b) lima beans, especially where both are grown on light sandy soil.
- VIII. HISTORY: (a) The floods of the past season have reduced the acreage of alfalfa in the County very materially, making the price of alfalfa hay very high and the need for local production correspondingly great. As a result it is important to the farmers of the County that the production of alfalfa be greatly increased at the earliest possible time. A good many of fields remaining do not yield highly, due largely to lack of rotation and the physical condition of the soil. It is believed by the Farm Adviser, borne out by the evidence of two or three farmers in the County that superphosphate applied at the rate of 200 lbs. per acre will materially increase the yield. Also, there are a number of sections of the County where land has been flooded over, leaving it quite sandy and upon which growers are commencing to replant alfalfa. Upon these rather light sandy fields it is also believed by the Farm Adviser that fertilization as above mentioned will hasten the early production of satisfactory crops.

(b) The lima bean section of the County is largely confined to the immediate coastal area, where the soils are exceedingly light and in many places quite sandy. From evidence obtained by certain soil analyses, together with other confirmatory data, it is the belief of the Farm Adviser that an application of superphosphate to the bean field will greatly increase the yield of beans, making it possible to more nearly approximate the average yield of the State, which is generally higher than that of this area.

IX. PROCEDURE:

- (1) The Farm Adviser will outline the project covering the demonstration work, submit it to (a) State Leader (b) Farm Bureau Directors.
(a) Completed
(b) Completed
- (2) The Farm Adviser will, during the month of September, bring before the various local centers of the Farm Bureau, the different projects that are being conducted in the County during the fall and solicit demonstrators among those with whom he is not yet well acquainted. Completed
- (3) The Farm Adviser will, with the aid of an assistant granted to him during the month of September, visit as many growers as possible who are situated in such a manner to be benefited by the demonstration of points outlined in section VIII, and encourage them to lay out a small plot of their land for demonstration purposes. Completed
- (4) The Farm Adviser will keep close track upon the progress of the demonstrations and in the early summer months when the results will be likely noted on alfalfa and beans and place upon each demonstration, where practicable, a sign calling the attention of the public to the work, said signs to be furnished by the County Farm Bureau.
- (5) The Farm Adviser will call meetings of certain centers on the demonstration plots where conditions may be possible to gather together a number of farmers to witness the fruition of the work. Completed.

X

DATE

Aug 22/1916

DATE

AUG 25 1916

H. A. W. emland
County Farm Adviser-San Diego County

W. H. Crocker
State Leader of California.

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- IX - (3) a With the help of Assistant Farm Adviser Rice during the month of September 32 demonstrators were found who agreed to apply superphosphate to lima bean land and alfalfa.
- (4) a One circular letter has been sent to the demonstrators telling them where they may obtain the superphosphate and at about what cost, including general instructions as to method of application.

DATE

Nov 27/1916

H. A. Wemland
Farm Adviser - San Diego County

DATE

DEC - 6 1916

B. H. Crocheron
State Leader for California

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FARM ADVISER PROJECT
Progress Report
Date: December 12, 1916

IX - (3 b) Following are the names of the cooperative demonstrators who have agreed to try out the value of superphosphate on bean land to stimulate the growth of this crop.
The beans are mostly lima beans, though other varieties of beans may be treated.
These persons are expected to buy their own superphosphate. Information as to where this may be purchased has been sent to all of them and methods for applying the same.
I do not expect a very large percentage of co-operators to actually complete this project as it entails a little difficulty in getting the superphosphate and applying it and only fifty or more percent of these appear to be so thoroughly interested that they will go out of their way to do it, though all of them have agreed to try it.

A. Bruce	- Dehesa
Max Detrick	- Del Mar
E. H. Welte	"
W. T. Melborne	"
Wm. Wilson	"
K. Warner	- Encinitas
G. Ward	"
F. L. Scott	"
Dr. Lyman	"
L. C. Luhr	"
H. Lux	"
P. Lux	"
J. H. Shepard	"
A. Wiegand	"
G. Humphrey	- Escondido
J. Murphy	- Jamacha
Jas. Ferguson	- Jamul
F. A. Swinson	- Poway
R. L. Stevens	"
R. R. Flint	"
J. B. Sylvester	"
A. W. Woodward	- Ramona
C. S. Hill	"
A. C. Whiting	"
Dr. G. S. Scott	"
H. Pate	"

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T. A. McDougall	- Ramona
W. F. Harbert	"
Ramona High School	"
M. O. Hall	- Santee

DATE

Dec 13 1916

DATE

DEC 18 1916

H. A. Wenzland.
County Farm Adviser-San Diego County

W. H. Cochran
State Leader of California