Farm Advisor Project

Progress Report

4.272

Project Number
State Leader
County No. 115

Date: August 17, 1938

Name of Project: Walnut Improvement

The fertilizer plots on walnuts were discontinued due to the presence of other factors of management which became the limiting, dominant factors.

This project is closed and such walnut work as is conducted in San Diego County will appear under the project of Deciduous Fruits #118.

August 19, 1938
Date

Frank L. Miller
Assistant Farm Advisor

Farm Advisor Project

Progress Report

Project Number
State Leader
County 115

Date: December 1, 1937

Name of Project: Walnut Improvement

1. In December, 1934, a walnut fertilization plot was established on the Harris Ranch above Pala as indicated on the accompanying outlined map. No results were obtained in yield differential. There was some slight improvement in cover crop growth on the fertilized areas. Mr. Harris had financial problems which prevented the proper irrigation of his trees which prevented any fertilization response.

   In 1935, 25 pounds of Cal-Nitro was applied to the 5 row of trees west of the Kellogg ranch home above Pala. In the fall of 1935 some improvement in tree leaf color was observed but no weight of nut production was obtained. Other cultural factors again prevented a fair trial. The trial was discontinued.

2. Three cultural practice and harvesting method meetings and demonstrations were held.

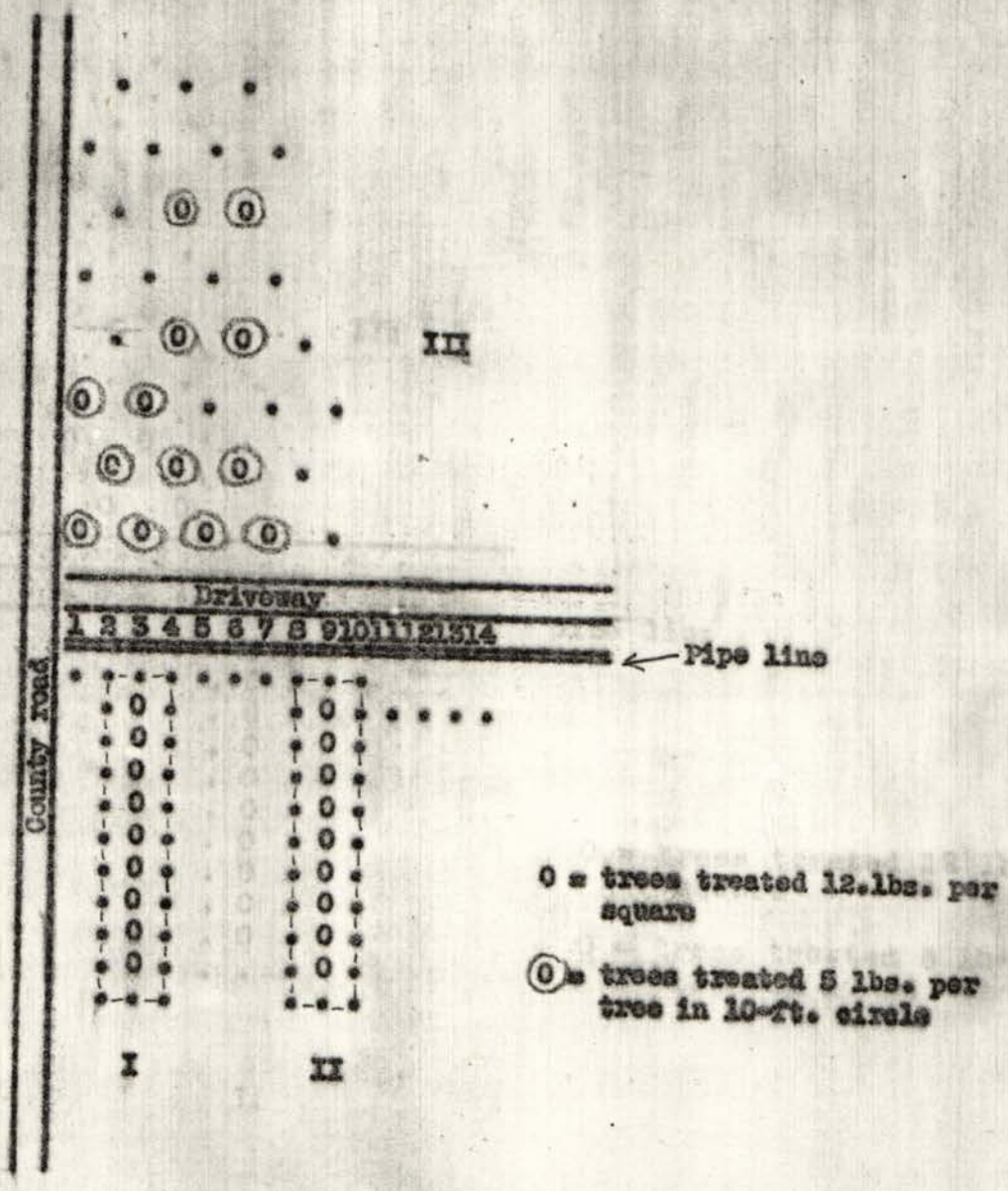
3. A study of the relationship of soil types to walnut tree decline is planned. Light soil types such as the G. S. Harris ranch at Rancho Santa Fe are showing severe die back, while heavy soils such as that planted to walnuts on the W. Uhland ranch at Twin Oaks are showing no decline.

Dec 22, 1937
Date

Jean C. Miller
Assistant Farm Advisor

Harris Ranch
Pala Valley, San Diego Co.
California

December 19, 1934

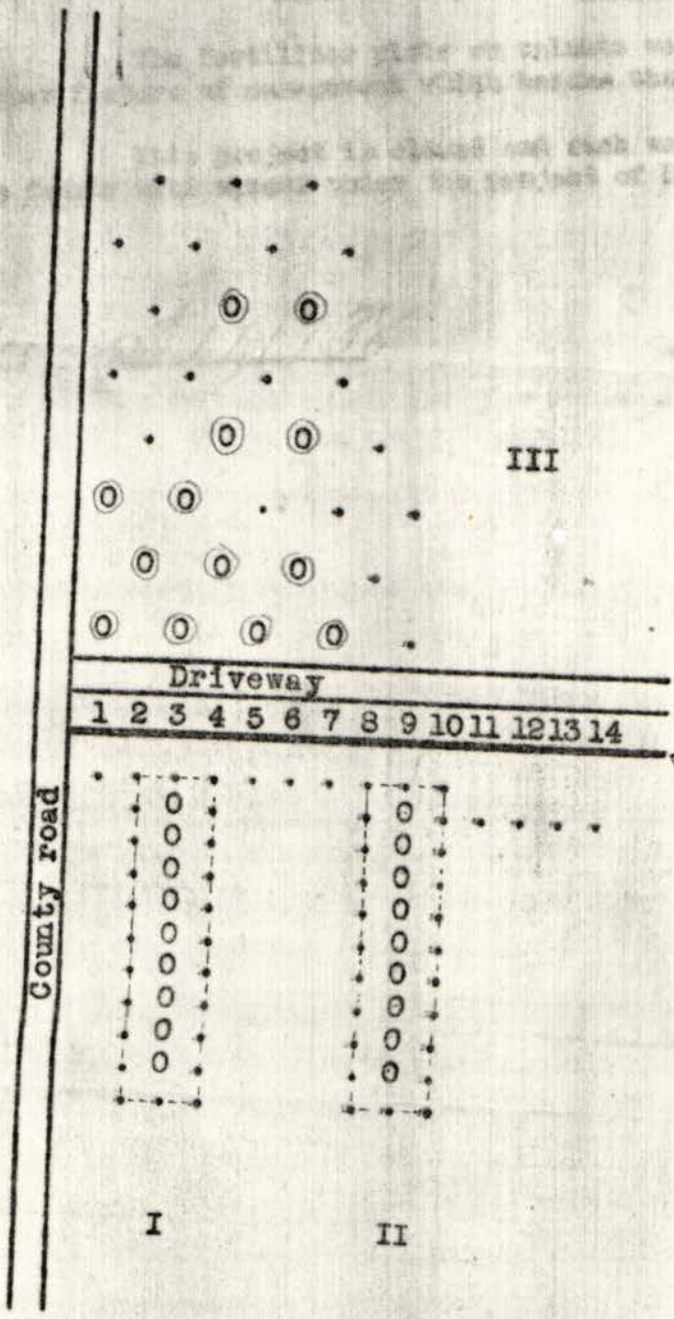


0 = trees treated 12 lbs. per square

(0) = trees treated 5 lbs. per tree in 10-ft. circle

Harris Ranch
Pala Valley, San Diego Co.
California

December 19, 1934



O = trees treated 12 lbs. per square

◎ = trees treated 5 lbs. per tree in 10-ft. circle