4-1502

Farm Advisor Project

Progress Report:

Date: December 1, 1937

Project Number
State Leader
County 114

Name of Project: Citrus Improvement

Moisture Management #92, Pruning #88, Insects and Diseases #99 are all individual projects.

1. Bud selections from outstanding lemon trees were made to be tested at Riverside. Report not complete.

2. The rootstock plot to determine the comparative value of self-rooted navels and valencias with those budded to sweet stock is now in bearing and measurements of caliper and fruit production will be recorded for 1938 on the Elmer E. Henderson Ranch at Escondido.

3. Erosion control by scattering straw over the growing surface without disking it was found to be a perfect soil binder in the face of a 2 hour, 4 inch rain at Fallbrook.

4. Fertilizer plots were established on the A. Wilson ranch at Escondido and J. H. Wells ranch at Bostonia. Separate report in detail.

5. Freeze data incomplete. Submitted separate.

Dec. 23. 1937
Jean C. Miller
Date

Jean C. Miller
Assistant Farm Advisor

Valencia and Navel Orange Cuttings and Budded Trees (On Sweet Stock)

Elmer E. Henderson Ranch, Route 2, Box 125, Escondido, Calif.

Planted in a vineyard which will be gradually cleared as the trees need the space

← Road to house

Tree	Row 6		Row 5		Row 4		Row 3	
	Parent	No.	Parent	No.	Parent	No.	Parent	No.
1	VB 58-7	6	VB 22-9	91	VC 22-9	20	NC 9-14	20
2		5		89		18		38
3		29		93		15		36
4		27		92		10	NC 10-11	32
5		31		90		14		9
6	VB 20-10	46	VB 20-10	34	VC 20-10	7	NB 9-14	102
7		33		49		6		103
8	VB 8-7	107		43		9	NB 10-11	14
9		104		40		23		15
10		102		39		5		16
11		105		44		22		12
12		101	VB 7-6	84	VC 7-6	40		13
13	VB 22-10	69		71	" "	31	NB 8-19	71
14		62		88	" "	38		65
15		65		72	" "	36	NB 8-15	58
16	VB 59-7	92		85	" "	32	41-9	44

MATURE VALENCIA ORCHARD

Legend:

NC - Navel cutting
NB - Navel bud
VC - Valencia cutting
VB - Valencia bud

N

Date balled - April 1, 1932
Date shipped - May 11-13, 1932
Date planted - May 11-13, 1932
Distance - 24 x 20 ft.

F. F. Halma
Citrus Experiment Station

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Continuation of Vineyard

Rows 1 and 2 - no trees planted

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UNIVERSITY OF CALIFORNIA
COLLEGE OF AGRICULTURE

BRANCH OF THE COLLEGE OF AGRICULTURE
IN SOUTHERN CALIFORNIA
GRADUATE SCHOOL OF TROPICAL AGRICULTURE
AND CITRUS EXPERIMENT STATION

RIVERSIDE, CALIFORNIA

Dec. 19, 1932

Mr. Jean C. Miller,
Assistant Farm Advisor,
Chamber of Commerce Bldg.,
San Diego, California.

Dear Mr. Miller:

I am enclosing a map of the Valencia and Navel orange cuttings and buds made last spring on the Hemderson ranch at Escondido.

Wishing you a Merry Christmas and a Happy New Year

Sincerely yours,

F. F. Halma

F. F. Halma

FFH/RF

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LEMON CLONAL STRAIN PLOTS PROJECT 1134 C.E.S. 141
Field 51 Citrus Experiment Station
Planted March 11, 1940

Those checked are from S. Diego

KEY TO STRAINS			
Number	Name	Number	Name
1	Ledig Short Thorn Lisbon	15	Loch Villafranca
2	Cavers Short Thorn Lisbon	16	Price Eureka
3	Wheatley Eureka	17	Price Short Thorn Lisbon
4	Allen Eureka #6408	18	Cavers Villafranca
5	U.S.D.A. Lisbon	19	Laidlaw Villafranca
6	Sespe Eureka Tract 2	20	Monroe Short Thorn Lisbon
7	U.S.D.A. Eureka	21	Meek Eureka
8	C.E.S. Eureka S1A4-11	22 ✓	Prior Short Thorn Lisbon
9	Limoneira Open Lisbon	23 ✓	Keen Short Thorn Lisbon
10	C.E.S. Villafranca S1A4-11	24 ✓	Deaver Lisbon
11	Rosenberger Villafranca	25 ✓	Galligan Villafranca
12	Richardson Eureka	26	Cascade Eureka
13	Jameson Semi Dense Lisbon	27 ✓	Ross Eureka
14	Jameson Open Lisbon	28	Allen Eureka (Newman)

N

Strains budded to seedlings of Seville Bitter Orange

Planted 3/11/40

BLOCK C

	21	16
	15	12
	28	27
26	8	7
15 - 11	10 - 6	5 - 1

Tree Numbers

BLOCK F

Row No.			
			25
		11	10
	25	19	18
	15	27	3
	16	26	4
	21	12	6
	3	28	7
10	4	16	8
9	6	21	26
8	7	4	27
7	8	15	28
	26	3	12
	27	8	15
	28	7	16
	12	6	21
	15	4	3
	Lemon Trees		
	15 - 11	10 - 6	5 - 1

BLOCK E

Row Numbers			
			19
			18
			11
		10	28
		19	16
	11	10	25
17	19	18	11
16	10	23	22
15	2	24	20
14	17	14	13
13	9	5	1
12	23	22	2
11	24	20	17
10	14	13	9
9	5	1	23
8	22	2	24
7	20	17	14
6	13	9	5
5	1	23	22
4	2	24	20
3	17	14	13
2	9	5	1
1	Lemon Trees		
	15 - 11	10 - 6	5 - 1

Tree Numbers

e Road