PRUNE ROOTSTOCK EVALUATIONS

J. Yeager and J. Edstrom

ABSTRACT

To evaluate prune rootstocks on marginal soil (class 2 & 3), 8 rootstocks were planted at the Nickels Soils Laboratory in Arbuckle in 1982.

OBJECTIVES

To evaluate compatibility, tree growth, yield, cropping patterns and longevity on marginal prune soil.

PROCEDURE

Ten trees of 8 rootstocks were planted in a randomized block design on a class 2/3 soil and irrigated by a drip irrigation system.

RESULTS

Rootstock	Average Fresh lbs. Per Tree	Trunk M.m Circumference	Yield Per Trunk' Cir.	% Death Loss	Simazine 1/ Injury Rating
29 C	23	21.0	1.10	10	4.1
Myro	22	20.5	1.07	0	2.9
Mar 2624	19	20.8	.91	0	3.2
PA 2-16-8-63	15	21.9	.68	20	1.8
Lovell	13	20.4	.64	5	1.5
Coroplum	14	22.6	.62	0	4.0
PA 5-3-6-65	8	22.0	.36	20	2.1
Brights Hybrid	5	17.5	.29	50	1.2

Data average of all surviving trees 1/
Harvested 8-24-84

1/ 0 = No injury
3 = Very evident chlorisis
5 = Severe leaf burn

CONCLUSIONS

This is the first year of data from the trial. It will be continued with samples taken for drying in the 1985 growing season.