

CHEMICAL CONTROL OF AVOCADO ROOT ROT - INJECTION

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INJECTION TRIALS

Due to the loss of the Rancho Taza trial in San Diego we currently have only two injection trials operational. We do, however, have sites chosen for two more trials. One will be in Santa Barbara county and the other in Riverside. We are currently making final decisions on treatments. Information from other areas indicates that the long term injury from injections is to be considered and trunk paints/sprays are being utilized. If we have enough trees we will implement these into the trials.

Spauldings

This trial is 30 yr old Hass on susceptible rootstocks started in 1990 with 3 treatments and 15 replications.

Treatments:

1. Non treated control
2. 80 ml Aliette
3. 80 ml Aliette - 500 ml Schives solution - sucrose 2 g/L

Results - visual ratings

	3-29-90	9-11-90
Aliette	2.3	1.9a
Aliette/Schives	2.4	1.9 a
Control	2.5	2.6 b

There were no significant differences in the 1990 data however both the Aliette and Aliette/Schives treatments show significance at the 5 percent level in 1991. It is too early to see any fruit differences as yet.

Embarcadero

This trial is essentially an injection - pruned - non pruned trial. The trees are 10 yr old Hass on Duke 7 rootstocks with 10 replications per treatment. There are no significant differences yet.

Treatments:

1. Non treated, non pruned control
2. Non treated, pruned control
3. 50 ml Aliette/tree 2x/yr non pruned
4. 50 ml Aliette/tree 2x/yr pruned
5. 50 ml Aliette - 100 ml Schives solution 2x/yr non pruned
6. 50 ml Aliette - 100 ml Schives Solution 2x/yr pruned