Experimental Protocol

Title: Evaluation of Various Copper Materials + Manex

Investigator: Bill Olson, Rick Buckner and Nadeem Shawareb

Year: 1997

Crop/Variety: Walnut/Ashleys

Location of Test: Chico, CA

Pest (s) Common Name: Walnut Blight

Pest (s) Scientific Name: Xanthomonas Campestris p.v. Juglandis

Treatments:
1. NUCOP+Manex 6 lbs. +58oz/a
2. CHAMPION+Manex 6 lbs. s+58oz/a
3. CHAMP II+Manex 0.5 gal +58oz/a
4. CHAMP II +Manex 0.67 gal + 58oz/a
5. Kocide 2000+Manex 6 lbs. + 58oz/a
6. Untreated

Additives:

Application Dates: 3/19; 3/27; 4/3; 4/15; 4/26; 5/19; and 6/2/97

Application Equipment: Airblast Orchard Sprayer

Spray Volume: 100 GPA

Plot Size: 25 acres

Design: Blocks

Replicates: Eight

Data Taken: 6/13/97
Results: Treatment means are the percent blight from a 2000 nut sample/treatment

Kocide 2000+Manex 7.6 a
Champ II 0.67 gal +Manex 7.8 a
Champ II .50 gal + Manex 10.7 a
Champion + Manex 12.0 a
Nucop + Manex 12.6 a
Untreaded 19.5 b

A. Protocol 3

1 Treatment means not followed by a common letter are significantly different at the 5% level by LSD.

All treatments were statistically equal in blight control and better than untreated check.