Experimental Protocol

Title: Evaluation of Rates of GX2612045 for Walnut Blight Control

Investigator: Bill Olson/Rick Buckner

Year: 1996

Crop/Variety: Walnut/Vina

Location of Test: Durham, CA

Pest (s) Common Name: Walnut Blight

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

Treatments:
1. Kocide 101 ----- 8 lbs/a
2. Kocide 101/Manux ----- 8 lbs + 58 oz/a
3. GX-2612045 ----- 7 lbs/a
4. GX-2612045 ----- 8 lbs/a
5. GX-2612045 ----- 9 lbs/a
6. GX-2612045 ----- 10 lbs/a
7. Untreated

Additives:

Application Dates: 4/9; 4/18; 4/25; 5/7; 5/16; 5/23/96

Application Equipment: Mitchell high pressure hand gun sprayer.

Spray Volume: 400 GPA (approx)

Plot Size: Single Trees

Design: Randomized complete block

Replicates: Eight

Data Taken: 6/13/96
Results: Treatment # means % blight from 1600 nuts/treatment

8. 35.6 A
1. 30.0 B
3. 24.4 C
5. 23.3 CD
4. 21.4 CD
6. 19.6 CD
2. 18.8 D

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