WALNUT BLIGHT CONTROL

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ABSTRACT

In a mild year for walnut blight, Blue Shield was compared against Kocide 101 and was found to be equal in its control of walnut blight. Both products gave extremely significantly better control of walnut blight than the untreated check.

OBJECTIVES

The purpose of this trial was to evaluate the performance of Blue Shield, a J.R. Simplot product, against a standard material and an untreated check for its ability to control walnut blight.

PROCEDURES

Eight single tree Ashley variety replicates were sprayed nine times in randomized block design during the spring of 1984. One hundred nuts from each tree were evaluated for the presence of walnut blight on June 20, 1984. The treatments were Blue Shield 2 lbs/100; Kocide 101 2 lbs/100; Untreated.

RESULTS

In this trial and with the rates used, Blue Shield and Kocide 101 provided comparable walnut blight control. Both products were significantly better than the untreated check (see Table).

CONCLUSIONS

Under mild walnut blight pressure, Blue Shield gave good walnut blight control. Its performance under severe conditions is not known.

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Rate/100 Gal.</th>
<th>Mean % Walnut Blight 6/20/84 1/</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Shield</td>
<td>2 lbs</td>
<td>3.9 A</td>
</tr>
<tr>
<td>Kocide 101</td>
<td>2 lbs</td>
<td>5.5 A</td>
</tr>
<tr>
<td>Untreated</td>
<td>--</td>
<td>29.1 B</td>
</tr>
</tbody>
</table>

1/ Means not followed by a common letter are significantly different from each other at the 5% level of significance according to Duncans Multiple Range Test.