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no. 144  
SPECIAL  
COLLECTION

Virginia Polytechnic Institute, Blacksburg. Agricultural Extension Service  
MR-144.

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VIRGINIA POLYTECHNIC INSTITUTE  
BLACKSBURG, VIRGINIA

RECOMMENDED DISEASE, RODENT, INSECT, AND WEED

CONTROL MATERIALS

Fungicides

1. 7%\* copper dust and insoluble copper for spraying - (leafspot diseases)
2. Inorganic compounds (Parzate, Dithane Z-78, Manzate, etc.) (leafspot diseases)
3. Sulfur, dust and wettable powder - (leafspot, diseases and red spider)
4. Arasan, Spergon, etc. - (seed treatment)

Insecticides

1. 3/4% rotenone dust - (most common garden insects)
2. 50% wettable DDT powder - (for preparation of sprays)
3. 10% DDT dust - (household pests, lice, ticks, fleas)
4. Lindane - (Field, barn and household pests)
5. Nicotine sulfate - (sucking insects)
6. A non-inflammable grain fumigant - (weevils, moths, etc.)
7. 20% sabadilla dust (optional) - (Harlequin, squash, and green stink bugs)
8. 10% Toxaphene dust - (cutworms, grasshoppers)

Combinations

1. 5% copper and 3/4% rotenone - (general purpose garden dust)
2. 6.5% zineb and 3% Methoxychlor - (general purpose garden dust)
3. 7% copper and 3% DDT - (potato dust)

Others

1. 2,4-D - (selective weed killer)
2. Warfarin - (anti-coagulant, rodenticide)
3. ANTU powder - (rat poison)
4. Fortified Red Squill Powder (toxicity at least 500 mg/kg) - (rat poison)

\* For cucurbits use a 5% copper dust or 6.5% zineb dust

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Fenne and Rowell

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COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS, V. P. I. AND  
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