<table>
<thead>
<tr>
<th>Product</th>
<th>Application</th>
<th>Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aramite</td>
<td>controls mites on citrus and deciduous fruits, cotton, other row crops, ornamentals and vine crops. Also controls poultry mites.</td>
<td>non-hazardous, low cost per acre, highly compatible, harmless to natural predators.</td>
</tr>
<tr>
<td>Spergon®</td>
<td>controls soil fungi and storage insects (with DDT) on most crop and vegetable seeds.</td>
<td>effective at economical dosages, safe on seed, easy to use, compatible with most other chemicals including legumes inoculants, low cost.</td>
</tr>
<tr>
<td>Phygon®XL</td>
<td>controls fungus diseases on fruit trees and row crops.</td>
<td>extremely low cost per acre, easy to apply, compatible, harmless to pollen and bees.</td>
</tr>
<tr>
<td>MH</td>
<td>inhibits grass growth, controls wild onions and quack grass; prevents tobacco suckering. Pre-harvest application prevents destructive storage sprouting of edible onions and potatoes.</td>
<td>extremely safe on plants; easy to apply; in wild onion control, one spray lasts up to 3 years.</td>
</tr>
<tr>
<td>Alanap®</td>
<td>pre-emergence weed control for vine, row crops, asparagus and nursery stock. Available commercially for use on vine crops.</td>
<td>safe on recommended crops, relatively non-toxic, easy to apply, favorably priced.</td>
</tr>
<tr>
<td>Duraset*20W</td>
<td>a fruit-setting chemical for lima beans, legumes, peppers and various tree fruits.</td>
<td>low dosage per acre, easily applied as a foliage spray.</td>
</tr>
</tbody>
</table>

United States Rubber
Naugatuck Chemical Division
Naugatuck, Connecticut
1957 NATIONAL ENTOMOLOGY WINNERS: Joe W. Simmons, California; Larry Ulmer, Jr., Delaware; David C. Johnson, Virginia; Paul Mayfield, Vice-President, Hercules Powder Company; Howard E. Beland, Mississippi; Jessie Malone, Jr., Montana; Jack Jewell, Kansas.

COLLEGE SCHOLARSHIPS OFFERED IN 1958 ENTOMOLOGY PROGRAM

To stimulate increased interest in entomology, Hercules Powder Company announces participation in the 4-H Entomology yards Program for the seventh consecutive year. More than 200,000 boys and girls have come better acquainted with the entomological profession as a result of their active part in this program. The enthusiastic support of all those associated with advancement of entomological knowledge has been an important contribution to the success of this important youth activity.

The following awards are being offered during 1958:

COUNTY WINNERS: Gold-filled entomology medals.

STATE WINNERS: Trips to the ’58 National 4-H Congress.

NATIONAL WINNERS: Six college scholarships of $400 each.

Agricultural Chemicals Division, Naval Stores Department

HERCULES POWDER COMPANY

900 Market Street, Wilmington 99, Delaware

Producers of toxaphene and other basic chemicals for agriculture
KELTHANE

helps prevent mite damage to

TREES, FLOWERS, SHRUBS

and

ORNAMENTALS

Why put up with mite damage to your nursery or greenhouse plantings, when there’s one sure way to prevent it? New Rohm & Haas KELTHANE miticide controls spruce mites, red spider mites, cyclamen mites and several others... even so-called “resistant” species.

One spraying of KELTHANE provides long-lasting residual action. No need to repeat spray for several weeks. In recommended dosages, KELTHANE EC emulsifiable concentrate has a good margin of safety when applied to plants, buds and flowers. And there’s no visible residue to hinder sales. For extra-sensitive varieties, KELTHANE W wettable powder is suggested. Both KELTHANE formulations mix readily with water. Insecticides and fungicides may be included in the spray.

See your Rohm & Haas fieldman... or write direct for full information.

Chemicals for Agriculture

ROHM & HAAS COMPANY

WASHINGTON SQUARE, PHILADELPHIA 5, PA.

Representatives in principal foreign countries.
PESTICIDES

FOR

FLORIDA TRUCK CROPS

The Kilgore Seed Company, manufacturers and formulators of Insecticides and Fungicides, offers a complete advisory service to Florida Farmers through the facilities of its 14 Stores, Laboratory and technically trained Field Staff.

THE KILGORE SEED COMPANY

GENERAL OFFICES: PLANT CITY, FLORIDA
LABORATORY: WEST PALM BEACH, FLORIDA

Stores located at
BELLE GLADE, FT. MYERS, GAINESVILLE, HOMESTEAD, MIAMI, OCALA, PAHOKEE, PALMETTO, PLANT CITY, POMPANO, SANFORD, VERO BEACH, WAUCHULA, WEST PALM BEACH
A Cyanamid Report

MALATHION
FOR DIRECT APPLICATION ON ANIMALS
With newly-granted residue tolerances, malathion can be applied directly to beef cattle, poultry, and swine. This is the result of three years of extensive research in 11 states. The work proved conclusively the safety and usefulness of malathion as a spray for controlling cattle and poultry lice, poultry mites (northern fowl and chicken red mite), and cattle and poultry ticks. In addition, malathion dust may be applied to nests, litter, and floor space. Roost paints using malathion emulsifiable liquid may also be used in poultry houses. In addition to spraying beef cattle with malathion for lice control, rubbing devices incorporating the product have been most effective in suppressing lice and horn flies.

Do not apply malathion to lactating dairy cows, since it has not yet been accepted for this use, nor should it be used on calves under one month of age.

PROTECTANT FOR STORED GRAIN
With newly-granted residue tolerances for malathion on wheat, barley, oats, rice, rye, corn, grain sorghum, and peanuts (post-harvest), grain handlers storing grain have a method of protecting grain from loss to insects. Malathion, either in dust or spray form, applied to the grain as it is being loaded into bins, affords protection against confused flour beetle, rice weevil, granary weevil, saw-toothed grain beetle, flat grain beetle, red flour beetle, rusty grain beetle, lesser grain beetle, and Indian meal moth. It is also suggested as a residual wall, floor, and machinery spray in grain elevators, in treating truck beds, box cars, and ships’ holds before loading grain. Where Indian meal moth infestations develop, surface applications of malathion dusts or sprays at prescribed intervals afford protection.

NEW USES FOR MALATHION ON CROPS
Tolerances have been established on 37 additional crops, including:

<table>
<thead>
<tr>
<th>Vegetables</th>
<th>Fruits</th>
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</thead>
<tbody>
<tr>
<td>Asparagus</td>
<td>Bramble family</td>
</tr>
<tr>
<td>Carrots and other root crop</td>
<td>Nectarines</td>
</tr>
<tr>
<td>Garlic–Leeks–Shallots</td>
<td>Quinces</td>
</tr>
<tr>
<td>Several leaf vegetables</td>
<td>Currants</td>
</tr>
<tr>
<td>Pumpkins</td>
<td>Gooseberries</td>
</tr>
</tbody>
</table>

Also, small grains, cotton, mushrooms, peppermint, spearmint, corn and rice. With these additions, malathion is now recommended on 93 crops.

Developers and producers of malathion and parathion

Cyanamid
American Cyanamid Company, Insecticide Department, 30 Rockefeller Plaza, New York 20, N. Y.
Perfect Profit Picture!

Each season, the picture brightens for growers to reap profits from agricultural crops. By using the improved and more effective insecticides available today, they now retain a larger share of harvests formerly lost to destructive insects.

These important advances have come about through constant research. Shell researchers, in cooperation with independent researchers, extension workers and growers have created potent insecticides that offer dependable protection throughout every stage of plant growth.

Shell has played a major role in the development of aldrin, dieldrin, endrin and Phosdrin® insecticides; D-D® and Nemagon® soil fumigants; and Allyl Alcohol weed seed killer. Other pesticides, now in various stages of laboratory development, will be available for even better insect control.

Shell Chemical Corporation will continue intensive chemical research to provide the agricultural industry with more powerful weapons in the battle against crop-destroying insects. Technical information on Shell Chemical products is available. Write to:

SHELL CHEMICAL CORPORATION
AGRICULTURAL CHEMICAL SALES DIVISION
460 PARK AVENUE, NEW YORK 22, NEW YORK