

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7501W)  
 401 "M" St., S.W.  
 Washington, D.C. 20460

EPA Reg. Number:  
70051-31

Date of Issuance:  
JUN 23 1997

Term of Issuance: Unconditional

Name of Pesticide Product:  
DAZA 4.5 WDG

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Thermo Trilogy Corporation  
 7500 Grace Drive  
 Columbia MD 21044

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) subject to the comments listed below:

1. Make the following label changes:
  - a. Add the phrase "EPA Registration Number 70051-31" to your label before you release the product for shipment.
  - b. Under Storage and Disposal statement, change the subheading "Storage" to "Pesticide Storage".
  - c. Delete any reference to the term "biological" from the label. Plant extract pesticides are not considered biologicals. Specifically, delete this term from the statement "Biological Insecticide" on the front panel, and any other similar

(continued on page 2)

Signature of Approving Official:

*See page 3*

JUN 23 1997

8570-6

CONCURRENCES

SYMBOL	7501W	7501W					
SURNAME	Kumar	<i>[Signature]</i>					
DATE	6-19-97	6-20-97					

Notice of Registration; EPA Registration Number 70051-31

statements. You may use the terms "biochemical" or "botanical" instead.

- d. Delete the statement "Contains 20.43 grams of dihydroazadirachtin per pound" from the front panel. This amount is evident from the percentage statement and product specific gravity, and does not need to be repeated.
- e. Change the company name and address to your own on the front panel.
- f. In the Environmental Hazards statement, change "inter tidal" to "intertidal".
- g. Give appropriate EPA establishment number.
- h. Since your application form does not give container size or net contents information, add appropriate net contents to the label.
- i. Under Application Directions, add the following: "Do not make more than seven applications per season, at the maximum application rate of 20 gm a.i./acre.
- j. Change the heading "Drench/Chemigation" to just "Drench" under Application Directions.
- k. Change the heading "Re-Entry/Preharvest Interval" to "Preharvest Interval", and delete the statement "Workers may re-enter the treated areas without protective clothing as soon as the spray has dried." This statement contradicts the 12 hour restricted entry interval required for agricultural uses.
- l. Since this product has been classified in toxicity category III and IV for all exposure routes, you may request for a reduced reentry interval (REI) of 4 hours, and submit revised labeling after the reduced REI has been approved by our Worker Protection Implementation staff.

2. Submit five copies of the final printed labeling before you release this product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Unconditional registration does not eliminate the need for continual reassessment of a pesticide. If EPA determines, at any time, that additional data are required to maintain in effect, an existing registration, the Agency will require submission of such data under Section 3(c)(2)(B) of FIFRA.

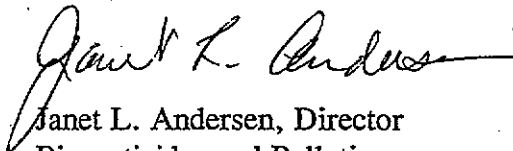
(continued on page 3)

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Notice of Registration; EPA Registration Number 70051-31

A stamped copy of the label is enclosed for your records.

Sincerely,



Janet L. Andersen, Director  
Biopesticides and Pollution  
Prevention Division (7501W)

# DAZA 4.5WDG

**BIOLOGICAL INSECTICIDE**  
For Indoor and Outdoor Use in Ornamentals,  
Turf, Agronomic and Horticultural Crops

**ACTIVE INGREDIENT:**

Dihydroazadirachtin \* ..... 4.5%

INERT INGREDIENTS ..... 95.5%

100.0%

\* Contains 20.43 grams dihydroazadirachtin per pound

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or inhaled. Avoid breathing dust or spray mist. Causes eye and skin irritation. Do not get in eyes or on skin or clothing. Wash thoroughly with soap and water after handling.

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- . long-sleeved shirt and long pants
- . waterproof gloves
- . shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning /maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### STATEMENT OF PRACTICAL TREATMENT

- If in Eyes: Flush eyes with plenty of water for 15 minutes. Call a physician if irritation persists.
- If Inhaled: Move to fresh air. Clear lungs and airways. Get medical attention if irritation develops.
- If on Skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

### USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to inter tidal area below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

If you have questions or comments regarding the use of this product, please call 1 (800) 657-3090.

AgriDyne Technologies, Inc.  
2401 S Foothill Dr.  
Salt Lake City, UT 84109

EPA Registration No 62552-  
E.P.A. Est. No.  
ATI-DAZAWDG-MAS-2-95

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

Net Contents \_\_\_\_\_

JUN 23 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

70051-31

## Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, or greenhouses. For other uses including golf courses, and other non-agricultural uses, do not enter treated areas without protective clothing until sprays have dried.

### Pests controlled by DAZA 4.5WDG

Ants  
Argentine Ant

Aphids, such as:  
Alfalfa Aphid  
Apple Aphid  
Bean Aphid  
Cabbage Aphid  
Coley Spruce Gall Aphid  
Corn Root Aphid  
Cotton Aphid  
Cow pea Aphid  
Eastern Spruce Gall Aphid  
Grapevine Aphid  
Green Peach Aphid  
Hickory Leafstem Gall Aphid  
Hop Aphid  
Melon Aphid  
Pea Aphid  
Pine Bark Aphid  
Potato Aphid  
Red Aphid  
Rose Aphid  
Russian Wheat Aphid

Spruce Gall Aphid  
Strawberry Aphid  
Tobacco Aphid  
White Root Aphid  
Woolly Apple Aphid  
Woolly Hemlock Aphid  
Yellow Pecan Aphid

Armyworms, such as  
Beet Armyworm  
Fall Armyworm  
Lawn Armyworm  
Southern Armyworm  
Yellow Striped Armyworm

#### Bagworms

Beetles, Grubs and Weevils, such as:  
Alfalfa Weevil  
Banded Cucumber Weevil  
Bean Leaf Weevil  
Bean Weevil

Billbugs  
Black Vine Weevil  
Blister Beetle  
Bluegrass Weevil  
Cigarette Beetle  
Colorado Potato Beetle  
Cowpea Weevil  
Cucurbit Beetle  
Douglas Fir Beetle  
Dusky Sap Beetle  
Elm Bark Beetle  
Elm Leaf Beetle  
Flea Beetles  
Grape Phylloxera  
Green June Beetle  
Ips Bark Beetle  
Japanese Beetle  
Japanese Weevil  
June Beetle  
May Beetle  
Mexican Bean Beetle  
Mexican Bean Weevil  
Mountain Pine Beetle  
Pales Weevil

Pine Bark Beetle  
 Pine Root Collar Weevil  
 Pecan Weevil  
 Plum Curculio  
 Rose Chafer  
 Southern Corn Rootworm  
 Southern Pine Beetle  
 Spotted Cucumber Beetle  
 Strawberry Weevil  
 Strawberry Root Weevil  
 Sweet Potato Beetle  
 Two-banded Japanese Weevil  
 Twig Girdlers  
 Western Corn Rootworm  
 White-Fringed Beetle  
 White Pine Weevil  
 Wireworms

Borers, such as:

Azalea Stem Borer  
 Bronze Birch Borer  
 Dogwood Twig Borer  
 Dogwood Borer  
 Iris Borer  
 Lilac Borer  
 Mint Root Borer  
 Oak Borer  
 European Corn Borer  
 Southwestern Corn Borer  
 Peachtree Borer  
 Peachtwig Borer  
 Rhododendron Borer

Budworms, such as:

Blackheaded Budworm  
 Spruce Budworm  
 Tobacco Budworm  
 Western Spruce Budworm

Bugs, such as:

Alfalfa Plant Bug  
 Boxelder Bug  
 Chinch Bug  
 Green Bug  
 Lygus Bug  
 Southern Brown Stink Bug  
 Southern Green Stink Bug  
 Squash Bug  
 Tarnished Plant Bug

Cankerworms, such as:

Fall Cankerworm  
 Spring Cankerworm

Caterpillars and Loopers, such as:

Alfalfa Caterpillar  
 Blackheaded Budworm  
 Cabbage Butterfly  
 Cabbage Looper  
 Corn Ear Worm  
 Cranberry Fruitworm  
 Dagger-moth  
 Diamondback Moth  
 Green Clover Worm  
 Hornworm  
 Hickory Shuck Worm  
 Imported Cabbage Worm

Melon Rind Worm  
 Navel Orange Worm  
 Orange Tortrix  
 Pecan Nut Casebearer  
 Pickleworms  
 Pink Bollworm  
 Range Caterpillar  
 Red Humped Caterpillar  
 Soybean Looper  
 Salt Marsh Caterpillar  
 Tent Caterpillar  
 Tobacco Budworm  
 Tobacco Hornworm  
 Tomato Fruitworm  
 Tomato Pinworm  
 Velvetbean Caterpillar  
 Grape Leaf Skeletonizer

Centipedes

Chafers, such as:

European Chafer  
 Northern Masked Chafer  
 Rose Chafer  
 Southern Masked Chafer

Crickets, such as:

Mole Cricket  
 Mormon Cricket

Cutworms, such as:

Black Cutworm  
 Citrus Cutworm  
 Climbing Cutworm  
 Western Bean Cutworm  
 Variegated Cutworm

Flies, such as:

Caribbean Fruit Fly  
 Crane Fly  
 Fungus Gnat  
 Hessian Fly  
 Mushroom Fly  
 Oriental Fruit Fly  
 Phorid Fly  
 Mediterranean Fruit Fly  
 Melon Fly  
 Shore Fly  
 Walnut Husk Fly

Grasshoppers and Locusts

Leaf Tiers and Leafrollers

Leafhoppers, such as:

Grape Leafhopper  
 Potato Leafhopper  
 Varigated Leafhopper

Leafminers, such as:

Boxwood Leafminer  
 Citrus Leafminer  
 Elm Leafminer  
 Holly Leafminer  
 Serpentine Leafminer

Leafrollers

Leaf perforators

Marsh Crane Flies

Mealybugs

Midges, such as:

Chrysanthemum Gall Midge  
 Douglas Fir Midge  
 Rose Midge

Millipedes

Mites, such as:

Banks Mite  
 Clover Mite  
 Citrus Rust Mite  
 Citrus Red Mite  
 European Red Mite  
 Hemlock Rust Mite  
 Honylocust Mite  
 Pacific Mite  
 Spruce Mite  
 Two-spotted Mite

Moths, such as:

Amorbia  
 Almond Moth  
 Artichoke Plume Moth  
 Codling Moth  
 Cranberry Girdler Moth  
 European Pine Shoot Moth  
 Grape Berry Moth  
 Gypsy Moth  
 Head Moth  
 Oriental Fruit Moth  
 Pine Tip Moth  
 Sunflower Bud Moth  
 Sunflower Moth  
 Tiger Moth  
 Tobacco Hornworm Moth  
 Tufted Apple Bud Moth  
 Tussock Moth

Nematodes, such as:

Banana nematode  
 Citrus nematode  
 Cyst nematode  
 Dagger nematode  
 Lesion nematode  
 Root knot nematode  
 Stem nematode

Phylloxera, such as:

Grape Phylloxera

Psyllids

Sawflies

Scales, such as:

Azalea Bark Scale  
 Black Scale  
 Brown Soft Scale  
 California Red Scale  
 Camellia Scale  
 Coffee Scale  
 Cottony-cushion Scale  
 Fern Scale  
 Florida Red Scale  
 Green Scale

Juniper Scale  
 Pine Needle Scale  
 Purple Scale  
 Rose Scale  
 San Jose Scale  
 Sugar Pine Scale  
 Tea Scale  
 Wax Scale

Sowbugs (Pillbugs)

Thrips, such as:  
 Citrus Thrips  
 Flower Thrips

Gladiolus Thrips  
 Onion Thrips  
 Pear Thrips  
 Thrips palmi  
 Tobacco Thrips  
 Western Flower Thrips

Webworms, such as:  
 Fall Webworm  
 Sod Webworm

Whiteflies, such as:  
 Ash Whitefly  
 Banded-wing Whitefly

Bayberry Whitefly  
 Citrus Whitefly  
 Cloudy-winged Whitefly  
 Greenhouse Whitefly  
 Silverleaf Whitefly  
 Sweetpotato Whitefly  
 Variegated Whitefly  
 Woolly Whitefly

**CROPS ON WHICH DAZA 4.5WDG CAN BE USED**

DAZA 4.5WDG can be used indoors and outdoors. Plants may be potted, grown in the soil or soilless mixtures or grown hydroponically.

**BEDDING PLANTS, FLOWERS, POTTED PLANTS AND FOLIAGE PLANTS, such as:**

Actinopteris  
 African Violet  
 Aglaonema  
 Allamanda  
 Algerian Ivy  
 Alocasia  
 Anthurium  
 Aphelandra  
 Artemisia  
 Aster  
 Aucuba Illex  
 Azalea  
 Baby's Breath  
 Begonia  
 Boogantvillea  
 Boston Fern  
 Boxwood  
 Brachycome  
 Cacti  
 Calabrese'  
 Caladium  
 Calla  
 Calathea  
 Calendula  
 Carnation  
 Chrysanthemum  
 Coleus  
 Columbine  
 Dablia  
 Daisy  
 Daylily  
 Delphinium  
 Dianthus  
 Dieffenbachia  
 Dusty Miller  
 Easter Lily  
 English Ivy  
 Euphorbia  
 Fern  
 Ficus  
 Foxglove  
 Freesia  
 Fuchsia  
 Gaillardia  
 Gardenia  
 Geranium

Gerbera  
 Gladioli  
 Gloxinia  
 Gypsophilla  
 Hedera  
 Hibiscus  
 Impatiens  
 Iris  
 Lily  
 Manvillea  
 Marigold  
 Nasturtium  
 Pansy  
 Pelargonium  
 Peony  
 Peperomia  
 Petunia  
 Philodendron  
 Phlox  
 Photinia  
 Pittosporum  
 Pinks  
 Poinsettia  
 Pothos  
 Portulaca  
 Primrose  
 Rosemary  
 Rose  
 Rubberplant  
 Salvia  
 Schefflera  
 Sedum  
 Sempervivum  
 Snapdragon  
 Spathiphyllum  
 Stock  
 Syngonium  
 Verbena  
 Vinca  
 Wandering Jew  
 Zinnia

ORNAMENTALS, such as:  
 African Violet  
 Ageratum  
 Arvborvitae

Aster  
 Aucuba Illex  
 Azalea  
 Begonia  
 Boxwood  
 Cacti  
 Calendula  
 Calla  
 Camella  
 Camellia  
 Carnation  
 Ceanothus  
 Chrysanthemum  
 Cineraria  
 Coleus  
 Cotoneaster  
 Cyclmen  
 Daffodil  
 Dablia  
 Delphinium  
 Dogwood  
 Ficus  
 Foliage Plants  
 Fuchsia  
 Gardenia  
 Geranium  
 Gloxinia  
 Hyacinth  
 Hydrangea  
 Iris  
 Ivy  
 Lily  
 Maidenhair Fern  
 Marigold  
 Narcissus  
 Orchid  
 Pansy  
 Pelargonium  
 Peony  
 Phlox  
 Photinia  
 Pittosporum  
 Poinsettia  
 Pyracantha  
 Rhododendron  
 Rose

Rubber Plant  
Snapdragon  
Stock  
Tulip  
Wandering Jew  
White Cedar  
White Pine  
Yew  
Yucca  
Zinnia

TREES AND SHRUBS, such as:

Andromeda  
Arborvitae  
Ash  
Austrian Pine  
Azalea  
Beech  
Birch  
Birdsnest Spruce  
Blue Spruce  
Boxwood  
Butternut  
Cedar  
Chamaecyparis  
Cherry  
Crabapple  
Cotoneaster  
Cyprus  
Dogwood  
Douglas Fir  
Elm  
Euonymus  
Firethorn  
Forsythia  
Hackberry  
Hawthorn  
Hemlock  
Hickory  
Holly  
Honey locust  
Horse Chestnut  
Juniper  
Larch  
Laurel  
Lilac  
Linden  
London Plane  
Magnolia  
Manville  
Maple  
Mimosa  
Mountain Ash  
Myrtle  
Oak  
Pachysandra  
Peach  
Pine  
Planetree  
Poplar  
Privet  
Quince  
Spruce  
Sycamore

TURFGRASS, such as:

bentgrass  
Bermuda Grass

bluegrass  
annual bluegrass  
centipede grass  
fescue  
ryegrass  
annual ryegrass  
perennial ryegrass  
St. Augustine  
wheatgrass  
zoysia Grass

BRASSICA (Cole) CROPS, such as:

broccoli  
Brussels sprouts  
bok choy  
cabbage  
Chinese cabbage  
cauliflower

BULB VEGETABLES, such as:

garlic  
leek  
onion  
shallot

CEREAL GRAINS, such as:

barley  
buckwheat  
corn, field  
corn, sweet  
corn, pop  
millet  
oats  
rice  
rye  
sorghum  
triticale  
wheat

CITRUS FRUITS, such as:

calamandin  
citrus citron  
grapefruit  
kumquat  
lemon  
limes  
mandarin (tangerine)  
orange, sour  
orange, sweet  
pummelo  
satsuma mandarin

CUCURBIT VEGETABLES, such as:

balsam pear (bitter melon)  
Chinese waxgourd  
citron melon  
cucumber  
gherkin  
gourds  
cantaloupe  
casaba  
crenshaw  
honeydew  
honeyballs  
mango melon  
pumpkin

squash  
watermelon

FIBER CROPS, such as:

cotton  
flax  
kenaf

FORAGE AND FODDER CROPS,

such as:

alfalfa  
annual ryegrass  
Bermuda grass  
bluegrass  
clover  
fescue  
hay (mixed)  
kudzu  
lespedeza  
lupine  
orchard grass  
pasture (mixed)  
perennial ryegrass  
redtop  
sainfoin  
timothy  
trefoil  
vetches  
wheatgrasses

FRUITING VEGETABLES, such as:

eggplant  
ground cherry  
pepinos  
peppers  
tomatillo  
tomato

HERBS AND SPICES, such as:

anise  
balm  
basil  
borage  
burnnet  
camomile  
caraway  
catnip  
chives  
celery  
coriander  
costmary  
cumin  
curry leaf  
dandelion  
dill  
fennel  
fenugreek  
horehound  
hyssop  
mint  
marigold  
marjoram  
nasturtium  
pennyroyal  
rosemary  
rue  
sage



savory  
sweet bay  
tansy  
tarragon  
thyme  
wintergreen  
woodruff  
wormwood

LEAFY VEGETABLES, such as:

Chinese spinach  
celery  
chervil  
collards  
corn salad  
chrysanthemum (edible)  
cress  
endive  
fennel  
kale  
kohlrabi  
lettuce  
mustard greens  
orach  
parsley  
rhubarb  
spinach  
Swiss chard  
turnip tops

LEGUMINOUS CROPS, such as:

beans (Phaseolus, Lupinus, Vicia,  
Vigna spp)  
chick peas (garbanzos)  
lentil  
peas (Pisum spp)  
soybeans

NUTS, such as:

almond  
beach nut  
Brazil nut  
butternut  
cashew  
chestnut  
chinquapin  
filberts (hazelnuts)  
hickory nuts  
lychee  
macadamia  
pecan  
pistachio  
walnuts

OIL SEED CROPS, such as:

canola  
castors  
crambe  
guar  
jojoba  
peanuts  
rape  
safflower  
sesame  
soybean  
sunflower

POME FRUITS, such as:

apple  
crabapple  
loquat  
mayhaws  
pear  
quince  
jujube

ROOT AND TUBER CROPS, such

as:  
beet, red  
beet, sugar  
carrot  
cassava  
celeriac  
chervil  
dasheen (taro)  
ginger  
horseradish  
jicama  
parsnips  
potato  
radish  
radish, Japanese (Daikon)  
rutabaga  
salisfy  
sweet potato  
tumeric  
turnip  
yam  
yam bean

STONE FRUITS, such as:

apricot  
cherry, sour  
cherry, sweet  
nectarine  
peach  
plum  
prune

SMALL FRUITS AND BERRIES,

such as:  
blackberry  
blueberry  
boysenberry  
cranberry  
current  
dewberry  
elderberry  
gooseberry  
grape  
huckleberry  
loganberry  
olives  
olallie berry  
raspberry  
strawberry  
youngberry

TROPICAL FRUITS, such as:

abiu  
atemoya  
breadfruit  
banana  
cherimoya  
durian  
guava  
longan  
malanga  
mango  
mangosteen  
papaya  
passion fruit  
plantain  
rambutan  
starfruit

MISCELLANEOUS CROPS, such

as:  
artichoke  
asparagus  
avocados  
birdseed  
cardone  
coffee  
cacao  
edible flowers  
fejjoa  
figs  
hops  
guayule  
kiwi  
mushrooms  
    agaricus  
    oyster  
    shitake  
okra  
palm  
papaya  
pawpaw  
persimmon  
pineapple  
sugar cane  
tamarillo  
tea  
tobacco  
waterchestnut  
watercress

NON-CROP AREAS  
RANGELAND  
BARRIER STRIPS  
RIGHTS OF WAY  
THEME PARKS  
WASTELANDS

**Important Note:** This product has been evaluated for phytotoxicity on a wide range of crops. However, since all combinations or sequences of pesticide sprays including fertilizers, surfactants and adjuvants have not been tested, it is recommended that a small area be sprayed first to make certain that no phytotoxicity occurs.

**RE-ENTRY/PREHARVEST INTERVAL**

This product can be applied up to and on the day of harvest. Workers may re-enter the treated area without protective clothing as soon as the spray has dried.

**MODE OF ACTION**

This product controls targeted insect larvae when they ingest or come in contact with it, by interfering with the insect's ability to molt. It is effective on all larval stages and pupae.

**APPLICATION DIRECTIONS**

**READ ALL DIRECTIONS BEFORE USING.**

Dilute this product in water at a rate up to 20 grams active ingredient per acre. Apply using any suitable ground or aerial equipment, in a manner to obtain uniform and complete plant coverage. Avoid overspraying to the point of excessive runoff.

**Application Rates for Whitefly and Other Greenhouse, Nursery and Interiorscape Pests**

Pests controlled by DAZA 4.5WDG	Rate per 100 gallons	Remarks
Sweetpotato Whitefly (Including strain B)	6 to 10 oz.	Foliar application to larvae and nymphs.
Greenhouse Whitefly	6 to 10 oz.	Foliar application to larvae and nymphs.
Fungus Gnats	5 oz.	Apply as soil drench for maggot control.
Western Flower Thrips	8.0 to 10 oz.	Suppression of larvae and adult feeding deterrence.
Aphids	8 to 10 oz.	Suppression and adult feeding deterrence.
Leafminers	8 to 10 oz.	Foliar application to larvae.
Armyworms	6 to 10 oz.	Foliar application to larvae.
Others		
Bagworms	6 to 10 oz.	Foliar application to nymphs/larvae.
Borers		
Budworms		
Cankerworms		
Cutworms		
Gypsy Moths		
Leafhoppers		
Leafrollers		
Sawflies		
Tent Caterpillars		
Webworms		
Black Vine Weevil	12 to 15.5 oz.*	Soil and foliar application to larvae.
Mushroom Fly	15.5 oz.*	Apply as soil drench for maggot control.

\* Rate per acre.

### Application Rates for Key Insect Pests in Vegetables, Fruits, Nuts and Agronomic Crops

Pests controlled by DAZA 4.5WDG	Rate per Acre*	Remarks
<b>Aphids, such as:</b>		
Cotton Aphid	8 to 10 oz.	Foliar application, for suppression only
Greenpeach Aphid		
Hop Aphid		
Melon Aphid		
Potato Aphid		
<b>Armyworms, such as:</b>		
Beet Army worm	4 to 8 oz.	Foliar application to larvae
Fall Armyworm		
Southern Armyworm		
Yellow Striped Armyworm		
<b>Beetles, such as:</b>		
Colorado Potato Beetle	4 to 8 oz.	Foliar application to larvae
Cucurbit Beetle		
<b>Borers, such as:</b>		
Peachtwig Borer	8 to 10 oz.	Foliar application for adult deterrence and soil application to larvae
Peachtree Borer		
Mint Root Borer		
<b>Caterpillars, such as:</b>		
Artichoke Plume Moth	8 to 10 oz.	Foliar application to larvae
Cabbage Butterfly	4 to 8 oz.	
Corn Earworm	4 to 8 oz.	
Diamondback Moth	6 to 10 oz.	
Fruitree Leafroller	8 to 10 oz.	
Grape Leafroller	4 to 8 oz.	
Hickory Shuckworm	8 to 10 oz.	
Imported Cabbageworm	4 to 8 oz.	
Navel Orangeworm	8 to 10 oz.	
Omnivorous Leafroller	4 to 8 oz.	
Tobacco Budworm	4 to 8 oz.	
Tobacco Hornworm	4 to 8 oz.	
Tomato Fruitworm	4 to 8 oz.	
Western Grapeleaf Skeletonizer	4 to 8 oz.	
<b>Cutworms, such as:</b>		
Citrus Cutworm	8 to 10 oz.	Foliar application to larvae
Black Cutworm	4 to 8 oz.	
Variegated Cutworm	4 to 8 oz.	
<b>Loopers, such as:</b>		
Cabbage Looper	4 to 8 oz.	Foliar application to larvae
Soybean Looper	4 to 8 oz.	
<b>Leafminers, such as</b>		
Citrus Leafminer	8 to 10 oz.	Foliar application to larvae. Use with oil.
Serpentine Leafminer	6 to 12 oz.	
Vegetable Leafminer	6 to 12.0 oz.	
<b>Leafhoppers, such as:</b>		
Grape Leafhopper	10 to 15 oz.	Foliar application to nymphs. Use equipment to target the undersides of leaves.
Variegated Leafhopper	10 to 15 oz.	
<b>Scales, such as:</b>		
Coffee Scale	8 to 10 oz.	Foliar application. Use with oil.
<b>Whiteflies, such as:</b>		
Greenhouse Whitefly	8 to 12 oz.	Foliar application to nymphs. Use equipment to target undersides of leaves.
Sweetpotato Whitefly	8 to 12 oz.	

\*When using lower rates (under 10 oz.), combine DAZA 4.5WDG with an approved adjuvant such as a non-phytotoxic crop oil, up to 1%.

Always ensure good coverage by adjusting spray gallonage. Treat early for best control. Applications should be made when pests first appear and are in their early larval stages. Repeat applications every 10 days or as needed.

For best results, a spreader-sticker should be added at the recommended label rate.

Dilute solutions containing DAZA 4.5WDG should be maintained at a pH between 3 and 7, and applied soon after preparation. Do not store for later use.

This product may be pre-mixed in a supply tank with water, fertilizer or other appropriate agricultural chemicals. Agitation is necessary (See Mixing Directions). Crop injury or lack of effectiveness can result if uniform distribution is not achieved.

When pest populations are high, use the higher label rates.

**SPRAY:**

High volume- When plant foliage is dense, use the higher label rates and increase spray gallonage to obtain uniform and complete coverage.

Low/Ultra low volume- Apply DAZA 4.5WDG at rates of 4 to 15 oz/acre in a carrier appropriate for the application equipment. For best results, ensure uniform and complete plant coverage.

Aerial Application- DAZA 4.5WDG may be aerially applied at rates of 4 to 15 oz./acre using suitable equipment such as fixed wing aircraft or helicopters. Select appropriate carrier and equipment to provide uniform and complete coverage.

**DRENCH/CHEMIGATION:**

This product is effective as a soil drench for controlling soil-borne insect larvae (e.g. Fungus Gnats).

It is also effective as a soil drench for controlling foliar and soil-borne pests, particularly when alternated with DAZA 4.5WDG foliar sprays.

Apply DAZA 4.5WDG in sufficient water and for sufficient duration so as to distribute the recommended rate evenly to the entire treated area.

Apply to moderately moist soils. Use volumes that thoroughly wet the soil, but do not cause significant surface runoff or excessive drip from pots.

**TURF GRASS:**

DAZA 4.5WDG should always be applied as a spray in sufficient water to assure thorough coverage of the foliage or soil, depending on the type of application.

Equipment - Use conventional ground or aerial spray equipment that allows for uniform coverage of the targeted treatment area, such as hand or power-operated spray equipment, or hose-end applicators.

Application - For surface feeders - For control of armyworms, cutworms and sod webworms in turfgrass: Apply at a rate up to 20 g a.i./acre (0.50 g a.i./1,000 sq. ft.) per acre. Use the higher label rates for moderate to heavy insect infestations.

Subsurface feeders - For control of white grubs, chinch bugs, and billbugs in turfgrass: Apply at a rate up to 20 g a.i./acre (0.50 g a.i./1,000 sq. ft.) per application. Sprinkle irrigate with 1 to 2 inches of water following treatment. Repeat application as needed.

Irrigate well before applying Repeat application as needed. Use up to 5 gallons of water per 1,000 square feet (up to 218 gallons/A) to obtain good coverage. For all applications use sufficient water rate to obtain thorough uniform coverage.

**MIXING DIRECTIONS**

DAZA 4.5WDG WITH WATER: Always prepare DAZA 4.5WDG in a slurry before pouring it into the spray tank. For every ounce of DAZA 4.5WDG, use 2 to 4 oz of water to make the slurry.

**For best results,**

1. Use clean equipment.
2. Fill tank 1/2 full to 3/4 full with water and begin agitation.
3. Add DAZA 4.5WDG slurry to the tank.
4. Fill the tank completely with water and mix thoroughly before applying.
5. Adjust spray solution to between 3 and 7 pH, if necessary.
6. Add spreader-sticker at recommended label rates.
7. Pesticide mix should be applied immediately after mixing.
8. If the mixture is not applied immediately, agitate before application.
9. Thoroughly clean equipment following application.

**TANK MIXTURES OR FLUID FERTILIZERS:**

1. Before using this product in a tank mix with fertilizer or registered pesticide, determine compatibility by conducting a compatibility test with a small amount of each product.
2. Observe all cautions and limitations on labels of all products used in combination.
3. Follow all tank mix directions and observe limitations listed in the combination product(s) label.

**COMPATIBILITY TEST**

A compatibility test should be performed before tank mixing this product with other product(s) or liquid fertilizer(s). If the mixtures are incompatible, do not use the mixture. For additional mixing information or assistance call AGRIDYNE's Customer Service at 1(800)657-3090.

**CHEMIGATION:**

Refer to supplemental labeling entitled "AgriDyne's Chemigation Bulletin" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

**STORAGE AND DISPOSAL**

**GENERAL:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

**STORAGE:** Do not store above 100 degrees F or below -20 degrees F for extended periods of time. Keep containers tightly closed when not in use.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Do not re-use as a container. Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in an incinerator or landfill or by other procedures approved by State and local authorities.

**LIMITATION OF WARRANTY AND CONDITIONS OF SALE**

*Read this Limited Warranty and Liability before buying or using this product.*

AgriDyne Technologies, Inc. warrants that this product conforms to the chemical description on the label and if used in accordance with directions for use, is fit for the purpose referred to. It is impossible, however, to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of AgriDyne Technologies Inc. All such risks are expressly assumed by the buyer.

AgriDyne Technologies, Inc. makes no other warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above. Under no circumstances shall the manufacturer be held liable for consequential or indirect damages resulting from the use of handling of this product. Damages caused by this product shall be limited to the purchase price.

Lot No.

