

5481-559

9/5/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 5, 2012

Amvac Chemical Corporation
4695 McArthur court Suite 1250
New Port Beach CA 92660
Attn Kaila Moran

Subject Notification to update the Storage and Disposal Statement to comply with the language outlined in the Agency's PR Notice – PRN 98 10
Product Brand Name Amvac AZA 1 2% CF
EPA Reg No 5481 559
Your Submission dated August 16 2012

Dear Kaila Moran

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration Notice (PRN) 98 10 dated above. A screen of this request has been conducted for its applicability under PRN 98 10 and it has been determined that the action (s) requested falls within the scope of this Notice. Our records have been duly noted and the label submitted with this application has been stamped Notification Accepted and will be placed accordingly in our records.

Three (3) copies of final printed labeling must be submitted to the Agency before your product as modified may be sold or distributed [PR Notice 82 2 and 40 CFR 156 10(a) (6)]

If you have any questions regarding this action you may contact Mr Sylvester George at (703) 603 0688 or via e mail at george.sylvester@epa.gov

Sincerely

Linda A Hollis

Linda A Hollis Chief
Biochemical Pesticide Branch
Biopesticides and Pollution
Prevention Division (7511P)



United States
Environmental Protection Agency
Washington DC 20460

- Registration
- Amendment
- Other

OPP Identifier Number

Application for Pesticide Section I

1 Company/Product Number 5481 559	2 EPA Product Manager Chris Pfeifer	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) AMVAC AZA 1 2 / CF	PM#	
5 Name and Address of Applicant (Include Zip Code) Amvac Chemical Corporation 4695 MacArthur Court Suite 1250 Newport Beach CA 92660 <input type="checkbox"/> Check if this is a new address		6 Expedited Review In accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____

Section II

<input type="checkbox"/> Amendment Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> Me Too Application Date <u>9/5/2012</u> <input type="checkbox"/> Other Explain below Reviewer <u>Sylvester George</u>
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Notification Accepted

Explanation Use additional page(s) if necessary (For Section I and Section II)
 Notification of label change per PR Notice 2007 4 This notification is consistent with the guidance in PR Notice 2007 4 and the requirements of EPA s regulations at 40 CFR §§ 156 10 156 140 156 144 156 146 and 156 156 No other changes have been made to the labeling or the Confidential Statement of Formula for this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156 10 156 140 156 144 156 146 and 156 156 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Section III

1 Material This Product Will Be Packaged In			
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No * Certification must be submitted If Yes Unit Packaging wt No per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes Package wt No per container	2 Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4 Size(s) Retail Container 1 gallon	5 Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithographed <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Kaila Moran	Title Regulatory Consultant	Telephone No (Include Area Code) 562 607 2146
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		8 Date Application Received (Stamped)
2 Signature 	3 Title Regulatory Consultant	
4 Typed Name Kaila Moran	5 Date 16 Aug 2012	



3/18

August 16 2012

Ms Sherada Hobgood
Document Processing Desk
Office of Pesticide Programs (Notif)
U S Environmental Protection Agency
One Potomac Yard
2777 S Crystal Drive
Arlington VA 22202

**Subject Notification of Storage and Disposal Statement Per PR Notice 2007 4
Ampac AZA 1 2% CF (EPA Reg No 5481 559)**

Dear Sherada

In accordance with PR Notice 2007 4 please find enclosed the notification to revise labeling for the above listed products We have updated the Storage and Disposal Statement to comply with the language outlined in the Agency s PR Notice

In support of this request enclosed please find the following

- 1 Application for Pesticide Registration (EPA Form 8570 1)
- 2 Three copies of each label (Ref No 559 20120816r6)
- 3 One copy of each label with changes highlighted

It is my understanding that this satisfies the requirements of the Agency s PR Notice and will require no further action If you have any questions or require additional information please do not hesitate to contact me at 562 607 2146 or email kailam@amvac.chemical.com Thank you for your attention to this matter

Best regards

A handwritten signature in black ink, appearing to read 'Kaila Moran', written over the typed name.

Kaila Moran
Regulatory Consultant

4/18

AMVAC AZA 1.2% CF

BOTANICAL INSECTICIDE, REPELLANT, INSECT GROWTH REGULATOR AND NEMATICIDE

For use on turfgrass (including golf courses and athletic fields) outdoor shrubs trees non crop areas and ornamentals
 For greenhouses shadehouses interiorscapes and nursery uses
 For mushroom house and manure pile and compost uses
 For use on outdoor food crops
 For commercial and industrial areas
 For homeowner uses

For controlling and repelling insects such as aphids armyworms beetles budworms cutworms fungus gnats houseflies leafhoppers leafminers loopers leafrollers and other caterpillars mealybugs mushroom flies (or sciarid flies) sawflies scales thrips webworms weevils whiteflies and plant parasitic nematodes such as burrowing dagger golden and various root knot nematodes

For Use in Organic Production

ACTIVE INGREDIENT

Azadirachtin

Inert Ingredients

By Weight

1.2%

98.8%

TOTAL

100.0%

Contains 0.10 lb (45.4 grams) of azadirachtin per gallon

KEEP OUT OF REACH OF CHILDREN CAUTION - CUIDADO

Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle
 (If you do not understand the label find someone to explain it to you in detail)

FIRST AID	
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye Call a poison control center or doctor for treatment advice
If on skin or clothing	Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor or going for treatment FOR THE FOLLOWING EMERGENCIES PHONE 24 HOURS A DAY	
Transportation CHEMTREC	1 800 424 9300
Other AMVAC	1 323 264 3910
For emergency information on Aza 1.2% CF call the National Pesticides Information Center at 1 800 8587378 6:30 AM to 4:30 PM Pacific time (PT) seven days a week During other times call the poison control center at 1 800 222 1222	

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

EPA Reg No 5481 559

EPA Est No 5481 CA 1

Net Content 1 gallon



4100 E Washington Blvd
 Los Angeles CA 90023 U S A
 1 323 264 3910

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Causes moderate eye irritation Harmful if absorbed through skin or inhaled Prolonged or frequently repeated skin contact may cause allergic reactions on some individuals Do not get in eyes or on clothing Avoid contact with eyes or clothing Wash thoroughly with soap and water after handling Wash contaminated clothing before reuse

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear

- Long sleeved shirt and long pants
- Waterproof gloves
- Socks and shoes

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark Do not apply when weather conditions favor drift from treated areas Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas Do not contaminate water when disposing of equipment wash waters or rinsate

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling Do not apply this product through any irrigation system unless the chemigation instructions on this label are followed 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 For any requirements specific to your state or tribe consult the agency responsible for pesticide regulation

AGRICULTURAL USE REQUIREMENTS

Use **this product only in** accordance with its labeling and with 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 and restricted entry interval The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS)

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 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 short sleeved shirt and shorts pants
- Waterproof gloves
- Shoes plus socks

User Safety Recommendations

Wash hands before eating drinking chewing gum using tobacco or using the toilet Users should remove clothing immediately if pesticide gets inside Then wash thoroughly and put on clean clothing

NON AGRICULTURAL USE REQUIREMENTS

These requirements apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, 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.

PRODUCT DESCRIPTION - GENERAL

AMVAC AZA 1.2% CF is a microemulsion concentrate containing 1.2% by weight azadirachtin. It has been evaluated on a wide variety of ornamental, forestry and food crops. No phytotoxicity has been observed when used as directed. AMVAC AZA 1.2% CF is an insect growth regulator and does not control adult insects. Results are typically observed 3 – 7 days after first treatment. However, AMVAC AZA 1.2% CF is also effective as a repellent towards some adult species as detailed below. When AMVAC AZA 1.2% CF applications are rotated with other insecticides as part of a comprehensive Integrated Pest Management (IPM) program, insecticide resistance can be significantly delayed or prevented in target insect populations.

Bee Toxicity AMVAC AZA 1.2% CF is not toxic to bees but applications should be made only when bees are not actively foraging.

Mode of Action

AMVAC AZA 1.2% CF is an insect growth regulator (IGR) and controls insects in the larval/nymphal and pupal stages by interfering with the metabolism of ecdysone which is the key molting hormone in insects. Insects typically die during egg hatch and between larval to larval (nymph to nymph), larval to pupal molts, or during adult eclosion from pupae. Azadirachtin also effectively kills insects in the pupal stages by shutting down ecdysone hormone activity and thereby widens the window of control. Uptake by insects is either by contact, by ingestion, or both. Predatory insects or predatory mites which do not feed on plants are therefore generally not affected by AMVAC AZA 1.2% CF, making it compatible with many biological insect control programs as well.

Repellency AMVAC AZA 1.2% CF has been shown to be an effective repellent to a wide range of insect species and treated plants exhibit reduced feeding damage or egg laying by insect pests because of the repellent action of the product.

Compatibility

AMVAC AZA 1.2% CF is a true microemulsion (water dilutions appear translucent) and has been determined to be compatible with the most commonly used insecticides, fungicides and fertilizers. However, growers should always check compatibility by using the correct proportion of the intended products in a small test container. Growers should then test the tank mix combinations for possible adverse effects (such as settling out, flocculation, etc.) and for phytotoxic effects on a small sample of plants prior to use. As environmental conditions can alter the interactions between compounds, a compatibility test is recommended for both new and previously used combinations. Avoid mixtures of multiple products and very concentrated spray mixtures.

Do not use AMVAC AZA 1.2% CF with Bordeaux mixture, triphenyltin hydroxide, lime sulfur, Rayplex iron or other highly alkaline materials. Use mildly alkaline mixtures immediately after mixing. Alternatively, the pH of the spray mixture can be lowered with acid buffers to prevent loss of insecticidal activity. Azadirachtin breaks down rapidly at high pH.

When using AMVAC AZA 1.2% CF in combination with other products, use AMVAC AZA 1.2% CF at the rate specified in this label. Follow the directions for use, precautions and limitations for use on all product labels used in the combination. Since azadirachtin is an insect growth regulator, tank mixing an insecticide that kills adults provides additional benefit. Some suggested tank mix combinations are as follows:

- AMVAC AZA 1.2% CF plus a standard non-phytotoxic oil or organosilicone oil combinations
- AMVAC AZA 1.2% CF plus endosulfan*
- AMVAC AZA 1.2% CF plus chlorpyrifos or other organophosphates*
- AMVAC AZA 1.2% CF plus *Bacillus thuringiensis** (BT)

- AMVAC AZA 1 2% CF plus bifenthrin or other pyrethroids*
- AMVAC AZA 1 2% CF plus abamectin*
- AMVAC AZA 1 2% CF plus imidacloprid or other neo nicotinoids*
- AMVAC AZA 1 2% CF plus pyrethrum+piperonyl butoxide (for fogging use)*

*Always follow the manufacturer's Directions for Use and Precautionary Statements

Phytotoxicity

In general no phytotoxicity has been observed when plants or trees are sprayed with AMVAC AZA 1 2% CF at higher than those provided in the directions for use. However certain species of ornamental plants such as *Gloxinia* can be sensitive under certain conditions. Avoid using on certain pear varieties (such as Comice) as leaf drop may occur. On certain plants such as blueberries grapes or vegetables such as cabbage frequent sprays may slightly reduce the waxy coating on leaves and fruit (without other adverse symptoms). Always exercise care when mixing adjuvants by performing a pre test on sample plants prior to large scale use.

APPLICATION INSTRUCTIONS

READ ALL DIRECTIONS AND PRECAUTIONS BEFORE USE AMVAC AZA 1 2% CF is exempt from food crop tolerances (40 CFR Sec 180 1119) and may be applied as directed to any food or non food crop up to and including the day of harvest (0 day PHI) at a rate not exceeding 56.4 oz (20 grams active ingredient) per acre per application. Crops can be harvested as soon as spray has dried.

Mixing

Shake well before use. Always use this product promptly after mixing with water. AMVAC AZA 1 2% CF will break down in the spray solution if not used within 8 hours. Never allow tank mix to stand overnight. The recommended pH range is between 5.5 and 6.5. AMVAC AZA 1 2% CF will break down under high pH conditions (> pH 7.5). For optimum performance a buffering agent may be used. When mixing with other approved agrichemicals always ensure proper agitation in the spray tank to ensure uniform application.

From the use rates chart determine the amount of AMVAC AZA 1 2% CF required for the number of acres to be treated. To a clean spray tank add at least one half the water to be sprayed. Begin agitation and add the determined amount of AMVAC AZA 1 2% CF. Add the remaining water and continue agitation.

AMVAC AZA 1 2% CF disperses freely when added to water. Always use clean equipment. For uniform distribution on plant canopy and proper dilution always ensure proper agitation in mixing tanks or vessels. When mixing with other agrichemicals add solid constituents (such as wettable powders water dispersible granules or micronutrients) last in the form of a slurry.

Application Method and Equipment

AMVAC AZA 1 2% CF can be applied as a foliar spray or a drench to soil compost manure or non soil media (e.g. greenhouses compost and manure piles and mushroom houses) to control insects and nematodes. When needed soil drenches can also be used to control soil borne pests including soil dwelling larvae of foliar insect pests. When applying as a drench ensure good wetting of the soil or media but avoid excessive leaching. AMVAC AZA 1 2% CF can also be applied through sub surface soil treatment equipment (e.g. turfgrass). AMVAC AZA 1 2% CF can also be injected into mature trees (landscaping forestry residential etc.) using appropriate tree injection equipment. To repel adults in mushroom houses apply through fogging equipment. Always follow equipment manufacturer's Use Directions.

AMVAC AZA 1 2% CF may be diluted in water volumes ranging from 5 gallons/acre (low volume or aerial) to around 300 gallons/acre (high volume) depending on canopy size and spray equipment. Avoid spray run off. AMVAC AZA 1 2% CF may be applied using any powered or manual pesticide application equipment which includes but not restricted to high volume low volume ultra low volume aerial electrostatic fogging and chemigation. Follow the original manufacturer's recommendations when using these types of equipment.

Application Timing, Frequency and Use of Adjuvants

For optimum results make applications when pests first appear or at egg hatch. **Two applications made at 7 to 10**

day intervals are recommended unless otherwise specified Make foliar applications to both sides of leaves AMVAC AZA 1 2 CF can be mixed with suitable sticking agents (adjuvants) as per manufacturer s use recommendations to improve product performance especially when rain is anticipated The addition of any non phytotoxic vegetable or synthetic oil can also improve product performance especially against certain insects such as leafminers mealybugs or scales Do not exceed 1 0% (v/v) and follow oil manufacturer s use recommendations The addition of oil improves penetration of azadirachtin into leaves and prolongs residual activity However on sensitive plants addition of oils should be avoided (see phytotoxicity section above)

USE RATE

AMVAC AZA 1 2% CF is intended for use on all outdoor plants and all food crops in mushroom houses manure piles non crop lands homeowner uses or on plants grown indoors or in greenhouses turfgrass (including golf courses and athletic fields) shadehouses interiorscapes and nurseries

General Use Directions AMVAC AZA 1 2% CF has excellent dispersion qualities and must be used at rates ranging from 15 30 oz/acre for a wide range of crop and pest conditions Due to the unique nature of the formulation for foliar applications more than 30 oz/acre are generally not required Growers can make more frequent applications at a lower rate rather than fewer applications at high rates However when pest infestation levels are low or when tank mixed with other compatible insecticides AMVAC AZA 1 2% CF can be used at 8 15 oz but do not use less than 4 oz/acre per application When pest levels increase or show an increasing trend or when crop canopy size increases adjust rates higher Spraying twice at 7 10 day intervals However spraying every 3 5 days may be needed to keep a rapidly increasing population in check If rain occurs soon after treatment re spraying the field may be required Addition of compatible sticking agents may aid rain fastness

Time of Application For optimum results spray during early morning hours or later during the day when pests are least active

Use the table below to determine the appropriate use directions for your site/pest combination When infestation is heavy or when plant canopy is dense AMVAC AZA 1 2% CF may not exceed 56 4 oz/acre When combining with other insecticides use half the recommended rate of AMVAC AZA 1 2% CF

AMVAC AZA 1 2% CF can be injected into mature trees (landscaping forestry residential etc) using appropriate tree injection equipment Inject at the rate of 0 38 to 0 50 oz per inch tree trunk diameter and repeat application if needed DO NOT exceed 56 4 oz per acre per application

Homeowner Use Directions (Small Areas) Mix 0 35 to 0 70 oz in 2 5 gallons of water to spray approximately 1000 sq feet to control fruit tree ornamental trees shrubs flower beds or vegetable garden pests such as leaf eating caterpillars (e g infesting cabbage roses or tomato plants) or other fruit boring insects various species of aphids beetles leafminers psyllids sawflies thrips weevils and whiteflies Spray when pests first appear and repeat applications every 7 days or as needed Spray rose bushes or grape vines during springtime and summer to repel Japanese beetles Drench soil with spray mixture to control soil dwelling nematodes Spray on lawns to control armyworms cutworms and sod webworms using appropriate spray equipment

FOR USE ON ALL OUTDOOR PLANTS INCLUDING FOOD AND FIBER CROPS TREES, TURFGRASS (INCLUDING GOLF COURSES AND ATHLETIC FIELDS) NURSERY AND ALL ORNAMENTAL PLANTS

Depending on pest pressure and stage of crop use at the rate of 15 – 30 oz/acre When pest infestations are low and/or crop height is small or when tank mixed with other insecticides AMVAC AZA 1 2% CF can be used at half rate but not less than 4 oz per acre per application Adjust rate upwards as crop matures or when pest populations increase Do not exceed 56 4 oz/acre per application Make at least 2 applications in sequence 7 10 days apart for maximum efficacy Buffer spray solution to pH 5 5 to 6 5 for maximum efficacy Active ingredient will break down rapidly at high pH

PEST	COMMENTS
APHIDS such as Apple Aphids Cabbage Aphids Cotton Aphids Green Peach Aphids Pea Aphids Grape phylloxera Potato Aphids Rose Aphids	Spray when pests first appear Spray immediately after the first winged alates or clones are observed on plants For food crops Repeat application after 7 10 days In use in greenhouses Repeat application every 5 to 7 days
BEETLES such as Bark Beetles Blueberry Flea Beetles Boll Weevils Colorado Potato Beetles Flea Beetles Japanese Beetles Leaf Beetles Mexican Bean Beetles Pepper Weevils Plum Curculio Rose Chafers Twig Girdlers	Spray when pests first appear For food crops Repeat application after 7 10 days For use in greenhouses Repeat application every 5 to 7 days
BORERS such as Dogwood Borers Cranberry Borers Girdlers Peachtree Borers Peach Twig Borers	Spray soon after egg hatch For food crops Use in combination with 0 25 1 0% non phytotoxic oil in sufficient water to cover undersides of leaves
BUGS such as Boxelder Bugs Chinch Bugs Lace Bugs Lygus Bugs Spittle Bugs Stink Bugs	Spray nymphs early and repeat application after 7 days
CATERPILLARS such as Armyworms Artichoke Plume Moths Bagworms Bollworms Budworms Cabbage Butterflies Cabbage Loopers Cankerworms Casebearers Caseworms Corn Earworms Cutworms Diamond Back Moths Fireworms Fruitworms Grapeleaf Skeletonizers Green Fruitworms (<i>Lacanobia</i>) Gypsy Moths Hickory Shuckworms Hornworms Imported Cabbage Worms Leaf Perforators Leafrollers Melonworms Navel Orange Worms Oblique banded Leafrollers Omnivorous Leafrollers Oriental Fruit Moths Pandemis Leafrollers Pickleworms Pine Tip Moths Pinworms Red banded Leafrollers Sod Webworms Soybean Loopers Spanworms Tent Caterpillars Tobacco Budworms Tussock Moths	Spray when pests first appear or when leaf damage is first observed For food crops Repeat application after 7 10 days For non food crops Repeat application every 5 to 7 days
FLIES such as Blueberry Maggots Cherry Maggots Crane Flies Fruit Flies Fungus gnats Midges Onion Maggots Tipworms Walnut Husk Flies	For food crops Time sprays to anticipate egg hatch or when pests first appear Drench soil to kill larvae For non food crops Drench soil to kill larvae

PEST	COMMENTS
LEAFHOPPERS such as Apple Leafhoppers Beet Leafhoppers Grape Leafhoppers Potato Leafhoppers Variegated Leafhoppers	Spray when pests first appear For food crops Repeat application after 7 10 days For non food crops Repeat application every 5 to 7 days
LEAFMINERS (both Dipteran and Lepidopteran) such as Azalea Leafminers Birch Leafminers Citrus Leafminers Serpentine Leafminers Vegetable Leafminers Western Tentiform Leafminers	For food and non food crops Spray early before mining activity increases Mixing an adulticide to kill adults generally enhances control Make at least 2 3 applications to target pupal stage as well
MEALYBUGS such as Apple Mealybugs Citrus Mealybugs Grape Mealybugs	Use in combination with 0.25 1.0% non phytotoxic oil in sufficient water to cover twigs and leaves Thoroughly wet plant surfaces
NEMATODES such as Banana Nematodes Burrowing Nematodes Dagger Nematodes Golden Nematodes Ring Nematodes Root Knot Nematodes Sting Nematodes	Make applications to orchard crops such as grapes through appropriate chemigation systems Treat in early spring and/or late fall with at least 3 4 applications made 10 14 days apart Add acid buffer if necessary
PSYLLIDS such as Pear Psylla	Spray when pests first appear For food crops Repeat application after 7 10 days Use in combination with 0.25 1.0% non phytotoxic oil in sufficient water to cover undersides of leaves On pears avoid using on varieties of Comice parentage For non food crops Repeat application every 5 to 7 days
SAWFLIES such as European Pine Sawflies Pear Sawflies Red Headed Pine Sawflies Yellow Headed Pine Sawflies	Treat larvae early before significant feeding activity
SCALES such as Black Scales Brown Soft Scales California Red Scales Coffee Scales Olive Scales San Jose Scales	Use in combination with 0.25 1.0% non phytotoxic oil in sufficient water to cover twigs and leaves Thoroughly wet plant surfaces
THRIPS such as Citrus Thrips Onion Thrips <i>Thrips palmi</i> Western Flower Thrips	Spray when pests first appear Repeat every 5 to 7 days Mixing an adulticide generally enhances control Spray every 3 4 days to maintain insect repellency
WEEVILS such as Black Vine Weevils Pepper Weevils Rice Weevils Strawberry Vine Weevils	Make foliar applications to deter adult feeding Make soil drench applications during spring and fall periods to control larvae Make at least 3 to 4 foliar applications 10 days apart to maintain adult repellency
WHITEFLIES such as Greenhouse Whiteflies Sweet Potato Whiteflies Silverleaf Whiteflies Woolly Whiteflies	Spray at 5 7 day intervals Combination with an adulticide enhances efficacy by eliminating egg laying

USE RATES FOR MUSHROOMS IN MUSHROOM HOUSES or MANURE PILES		
PEST	RATE ¹ (oz/1 000 sq ft)	COMMENTS
Mushroom Flies or Sciarid Flies Houseflies Phorid Flies Nematodes	1.25	Apply as drench to the casing layer media or compost. Make at least 4 to 5 applications 7 days apart. To repel adults, apply with fogging equipment at first sign of activity. For Mushroom House Use Mix into or spray on to the casing layer or incorporate into media during the spawn run. Can be applied between breaks until the final flush. For Specialty Mushrooms Can be diluted at the rate of 20 oz/50 gallons and sprayed or drenched on logs or media. For Manure Piles and Compost Surface treat and incorporate using appropriate equipment when the manure piles are moist. Avoid treating when manure is too wet. Directly spray on to areas where flies are actively breeding. Mix with adulticides such as pyrethroids or organophosphates to kill adult flies.

¹ Do not exceed 1.25 oz AMVAC AZA 1.2% CF per 1 000 square feet or 56.4 oz per acre per application

FOR USE IN GREENHOUSES (INCLUDING HYDROPONIC), TURFGRASS (INCLUDING GOLF COURSES AND ATHLETIC FIELDS) SHADEHOUSES INTERIORSCAPES AND NURSERIES AND OUTDOOR HOME USES

Use the table below to determine the appropriate use rate for each pest. Foliar sprays for individual plants should thoroughly wet both sides of the leaves without causing runoff. Mix spray solution according to use rates and recommendations below. For the treatment of small areas, add 2.0 oz AMVAC AZA 1.2% CF to 10 gallons of water. One gallon of finished spray will treat 1000 square feet. When used as a drench, apply one pint of finished spray for each gallon of soil in the pot. For large areas, use up to 100 to 200 gallons of finished spray per acre. Do not exceed 56.4 oz of AMVAC AZA 1.2% CF per acre per application. For hydroponic applications, AMVAC AZA 1.2% CF can be injected undiluted or diluted directly into the hydroponic solution by using appropriate chemigation equipment. Solution must be buffered between pH 5.5-6.5 and applications be made during early morning hours to maximize root uptake. For more information read the chemigation section of this label.

USE RATES FOR ANY PLANTS GROWN INDOORS OR IN GREENHOUSES (INCLUDING HYDROPONIC) TURFGRASS (INCLUDING GOLF COURSES AND ATHLETIC FIELDS) SHADEHOUSES INTERIORSCAPES AND NURSERIES AND OUTDOOR HOME USES		
PEST	RATE* (oz/100 gallons)	COMMENTS
APHIDS such as Green Peach Aphids Pea Aphids Cotton Aphids Rose Aphids	20	Spray when pests first appear. Addition of 0.5% non phytotoxic oil will enhance efficacy.
BEETLES such as Bark Beetles Flea Beetles Japanese Beetles Leaf Beetles	20	Spray when pests first appear. Repeat as needed.
BORERS such as Peachtree Borers Peach Twig Borers	20	Spray when pests first appear. Repeat as needed.
CATERPILLARS such as Armyworms Bagworms Cutworms Leafrollers Loopers Spruce Budworms Webworms	20	Spray when pests first appear. Spray turf greens to allow penetration into the thatch layer.

FLIES such as Crane Flies Fruit Flies Fungus Gnats Shore Flies	20	Add at least 1 pint of mixture per gallon pot as soil drench Repeat application every 7 days for 3 weeks For poinsettias lilies and bedding plants/plugs also make one application 10 to 15 days prior to shipping plants/plugs to kill pupae and prevent adult emergence
LACEBUGS such as Azalea Lacebugs Spittlebugs	20	Spray when pests first appear
LEAFHOPPERS such as Grape Leafhoppers Potato Leafhoppers	20	Spray when pests first appear For food crops Repeat application after 7 10 days Apply in sufficient water to cover underside of leaves For non food crops Repeat application every 5 to 7 days
LEAFMINERS such as Serpentine Leafminers	20	Spray early Make 2 applications in rotation or in combination with adulticides such as pyrethroids or abamectin
MEALYBUGS	20	Can be used in combination with 0.5 1.0% non phytotoxic oil when populations are high or increasing
NEMATODES such as Burrowing Nematodes Dagger Nematodes Foliar Nematodes Golden Nematodes Root Knot Nematodes	20	Drench at least 1 pint of mixture per gallon pot once a week for 4 weeks Avoid leaching drench until moist to the touch For heavy infestations use the higher rate and drench more frequently Spray turf greens to allow penetration into the thatch layer For plants grown hydroponically inject into irrigation system by using a metering device Adjust pH of water to 5.5 to 6.5 Treat during early hours of the morning when plant uptake is at maximum
SOFT SCALES	20	Use in combination with 0.5 1.0% non phytotoxic oil in sufficient water to cover twigs and leaves when populations are high or increasing
THRIPS such as Western Flower Thrips	20	Spray when pests first appear Repeat every 5 to 7 days
WEEVILS such as Black Vine Weevils Strawberry Vine Weevils	20	Make foliar applications to deter adult feeding Make soil drench applications during spring and fall periods to control larvae Make at least 3 to 4 applications 10 days apart
WHITEFLIES such as Greenhouse Whiteflies Silverleaf Whiteflies (including Q type strain)	20	Ensure good coverage to top and bottom of leaves against larvae and pupae Can be applied after bract formation on poinsettias (Test for phytotoxicity prior to large scale use is recommended)

When tank mixing AMVAC AZA 1.2 / CF with other insecticides the rate may be reduced by half

USE DIRECTIONS FOR CONTROLLING VARIOUS SPECIES OF NEMATODES IN THE FIELD		
PEST	RATE (oz)/ACRE	COMMENTS
NEMATODES such as Banana Nematodes Burrowing Nematodes Dagger Nematodes Golden Nematodes all species of Root Knot Nematodes Sting Nematodes Ring Nematodes and other soil dwelling	25.0 – 56.0	On Grapes (all types) Make at least 3 applications 10 20 days apart during the spring and summer months Make 2 early fall applications (10 20 days apart) Apply through proper drip irrigation systems

USE DIRECTIONS FOR CONTROLLING VARIOUS SPECIES OF NEMATODES IN THE FIELD		
PEST	RATE (oz)/ACRE	COMMENTS
plant pathogenic Nematodes		<p>For Tree (Ornamental Nut and Fruit) Drench or inject the area around the drip line and thoroughly soak the soil in Spring and Fall</p> <p>For Melons Strawberries Tomatoes and Other Fruit and Vegetable Crops grown in beds Drench soil at least 3 times 10 14 days apart Apply through drip system</p> <p>For Lawns Drench affected areas at least 3 times 10 to 14 days apart Irrigate through sprinkler system to allow percolation into soil profile</p> <p>Important Add buffering and wetting agents to aid penetration into the soil profile and to increase efficacy Treat early in the morning to maximize plant uptake and ensure good dispersion around the root zone For heavy infestations use the higher rate and drench more frequently Read the chemigation section of this label for more details</p>

USE DIRECTIONS FOR TREE INJECTION OR TREE TREATMENT		
PEST	RATE (oz/inch Tree Trunk Diameter)	COMMENTS
Whiteflies Aphids Psyllids Leafminers Thrips Scales Mealybugs Ash Borers and other insects that feed on foliage	0.38 - 0.50	Inject with suitable equipment that ensure uniform and slow delivery of the product Evenly space drill holes (3/16 diameter) approximately 3 5 inches apart and 2 5 feet off the ground For example a tree with a 10 inch tree trunk diameter can be injected with 5 oz of product (max) Trees can also be drenched or injected around the drip line or at the base of tree trunk Mix 0.7 oz per 2.5 gallons Repeat every 60 days or as needed

USE SITES

AMVAC AZA 1 2% CF can be used on

GREENHOUSE FOOD CROPS, such as *Brassica* (cole) crops Cucurbits Eggplants Herbs and Spices Leafy Vegetables Legumes Peppers Tomatoes and other miscellaneous crops grown in greenhouses (including hydroponic systems)

MUSHROOMS, such as *Agaricus* Enoki Maitake Oyster Shiitake and other specialty mushrooms

NON CROP AREAS AMVAC AZA 1 2% CF can be applied to non crop areas such as athletic field barrier strips campsites cemeteries farm yards fence rows fuel storage areas grasslands pastures rights of way sheds soil banks uncultivated or fallow farmland vegetative barriers and fences and areas surrounding agricultural farms or other buildings

HOMEOWNER USES AMVAC AZA 1 2CF can be used to control insect and nematode pests on all non-owner plants (indoor or outdoor) flower beds fruit trees lawns ornamental trees and shrubs and vegetable plants

COMPOST AND MANURE TREATMENT Manure or refuse piles mulches cull piles pre treatment for potting

soils or compost for mushroom houses or greenhouses soil application with no mention of crops to be grown (potting soil top soil)

COMMERCIAL AND INDUSTRIAL AREAS, such as Food and feed processing plants (fresh fruit and vegetable packing and processing) food marketing food storage food distribution feedlot operations dairy operations and poultry farms to treat manure on and off site

AMVAC AZA 1 2% CF can be applied to the following plants

ALL FOOD AND FIBER CROPS including

BERRIES, such as Blackberries and Caneberries Blueberries Cranberries Currants Elderberries Gooseberries Grapes Huckleberries Loganberries Raspberries (black and red) Strawberries Youngberries

BULB VEGETABLES such as Garlic Leek Onion (dry bulb green and Welch) Shallot

CEREAL GRAINS AND GRAINS such as Barley Buckwheat Corn Millet (pearl and Proso) Oats Popcorn Rice Rye Sorghum (milo) Teosinte Triticale Wheat Wild Rice

CITRUS FRUITS such as Calamondins Citrus Citrons Citrus hybrids Grapefruits Kumquats Lemons Limes (including Spanish Lime) Mandarins (Tangerines) Oranges (sour and sweet) Pummelos Satsuma Mandarins White Sapotes Uniq (Ugh) Fruits

COTTON AND TOBACCO

CUCURBIT VEGETABLES such as Bitter Melons Chayotes Chinese Waxgourds Citron Melons and other melons Cucumbers Gherkins Gourds (edible) Muskmelons (such as Cantaloupes Casabas Crenshaw etc) Pumpkins Squash (summer and winter) Watermelons

FRUITING VEGETABLES such as Eggplants Groundcherries Pepinos Peppers (including Bell Peppers Chili Peppers Cooking Peppers Pimentos Sweet Peppers) Tomatillos Tomatoes

HERBS AND SPICES, including, but not limited to Allspice Angelica Anise (anise seed and star) Annatto (seed) Balm (lemon balm) Basil Black and White Peppers Borage Burnet Chamomile Caper Buds Caraway (black) Cardamom Cassia Bark Cassia Buds Catnip Celery Seeds Chervil (dried) Chives Chinese Chives Cinnamon Clary Clove Coriander (Cilantro) Costmary Cumin Curry Leaf Dill (dillweed and seed) Endive Fennel (common Florence) Fenugreek Grains of Paradise Horehound Hyssop Juniper Berry Lavender Lemongrass Lovage (leaf and seed) Mace Marigolds Marjoram Mustard (seed) Nasturtium Nutmeg Parsley (fresh) Pennyroyal Pepper (black and white) Poppy (seed) Rosemary Rue Saffron Sage Savory (summer and winter) Skirret Sweet Bay (Bay Leaf) Tansy Tarragon Thyme Vanilla, Wintergreen Woodruff Wormwood

LEAFY AND BRASSICA (COLE) VEGETABLES such as Amaranth Arugula, Broccoli Broccoli raab (rapini) Brussels Sprouts Cabbage Cauliflower Cardoon Cavolo broccoli Celery Chervil Chinese Broccoli (gai lon) Chinese Cabbage (bok choy Napa) Chinese Mustard Cabbage (gai choy) Chinese Celery Celtuce Chrysanthemum (edible leaved Garland) Collards Corn Salad Cress (garden upland) Dandelion Dock (sorrel) Endive (escarole) Fennel (florence) Kale Kohlrabi Lettuce (head and leaf) Mizuna Mustard Greens Mustard Spinach Orach Parsley Purslane (garden winter) Radicchio (red chicory) Rape Greens Rhubarb Spinach Spinach (New Zealand vine) Swiss Chard

LEGUME VEGETABLES (Succulent or Dried) such as Beans (Field Kidney etc) Broad Beans Chickpeas Cowpeas Guar Jackbeans Lablab Beans Lentils Peas Pigeon Peas Soybeans Sword Beans

MISCELLANEOUS FOOD AND NON FOOD CROPS, such as Arracacha, Artichokes Asparagus, Avocados Bananas Birdseed Cacao Cocoa, Coffee Cotton Cranberry Cress Edible Flowers Feijoa, Ficus Ginseng Globe Artichoke Grape Guayale Hops Jicama, Kiwifruit Kiwis Mangos Mushrooms Okras Olives Palms Papayas Pawpaws Peanuts Persimmons Pineapples Pomegranates Rambutans Strawberries Tea, Sugarcane Tamarillos Tea, Tobacco Water Chestnuts Watercress and all other food crops

OILSEED CROPS such as Canola, Castor Crambe Guar Jojoba, Peanuts Rapeseed Safflower Sesame Soybean Sunflower

POME FRUITS, such as Apples Crabapples Loquats Mayhaws Oriental Pears Pears (do not use on Comice parentage varieties of Pear) Quinces

ROOT AND TUBER VEGETABLES, such as Arracacha Arrowroot Artichoke (Jerusalem Chinese) Beets (garden sugar) Burdock (edible) Canna (edible) Carrots Cassava (bitter and sweet) Celeriac (celery root) Chayote (root) Chervil (turnip rooted) Chicory Chufa, Dasheen (taro) Ginger Ginseng Horseradish Leren Oriental Radish (daikon) Parsley (turnip rooted) Parsnip Potatoes Radishes Rutabagas Salsify (oyster plant black Spanish) Skirrets Sweet Potatoes Taniers Turmeric Turnips Yam Beans (Jicama Manioc pea) true Yams

STONE FRUITS such as Apricots Cherries (sweet and tart) Nectarines Peaches Plums (Chickasaw Damson Japanese) Plumcots Prunes

TREES AND NUTS, such as Almonds Beechnuts Brazil Nuts Butternuts Cashews Chestnuts Chinquapins Filberts (hazelnuts) Hickory Nuts Lychee Nuts Macadamia Nuts (bush nuts) Pecans Pistachios Walnuts (black and English) Pistachios

TROPICAL FRUITS, such as Acerolas Atemoyas Bananas Black Sapotes Brazil Nuts Breadfruits Canistel Cherimoyas Durians Feijoas Guavas Ilamas Jaboticabas Longans Lychees Malangas Mamey Sapotes Mangos Marmel Papayas Passion Fruits Pulasans Sapote Sapodillas Star Apples Sugar Apples Custard Apples Rambutans Soursop Spanish Limes Biriba, Starfruits Wax Jambu

ORNAMENTAL PLANTS such as Actinopteris African Violets Ageratum Aglaorema Algerian Ivy Allamanda, Alocasia Antherium Aphelandra Arbovitae Artemisia Aster Aucuba Ilex Baby s Breath Begonia Boston Fern Bouganvillea, Boxwood Brachycome Cacti Calabrese Caladium Calathea Calendula Calla Camellia Carnation Ceanothus Christmas trees Chrysanthemum Cineraria Coleus Columbine Cotoneaster Cyclamen Daffodil Dahlia Daisy Daylily Delphinium Dianthus Dieffenbachia Dogwood Dusty Miller Easter Lily English Ivy Euphorbia Fern Ficus Foliage Plants Foxglove Freesia, Fuschia, Gallardia, Gardenia, Geranium Gerbera, Gladiola, Gloxinia (phytotoxicity test recommended) Gypsophilla, Hedera, Hibisous Hyacinth Hydrangea, Illex Impatiens Iris Ivy Lily Maidenhair Fern Manvilla, Marigold Narcissus Nasturtium Orchid Pansy Pelargonium Peony Peperomia Petunia, Philodendron Phlox Photinia, Pinks Pittosporum Poinsettia Pothos Portulaca, Primrose Pyracantha, Rhododendron Rosemary Roses Rubber Plant Salvia, Schefflera Sedum Semperivum Snapdragon Spathiphyllum Stock Syngonium Tulip Verbena, Vinca, Wandering Jew White Cedar White Pine Yew Yucca Zinnia

CHRISTMAS TREES AND CHRISTMAS TREE PLANTATIONS

ORNAMENTAL TREES AND SHRUBS such as Andromeda Arbovitae Ash Austrian Pine Azalea Beech Birch Birdsnest Spruce Blue Spruce Bouganvillea Boxwood Butternut Cedar Chamaecyparis Cherry Crabapple 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 Manvilla, Maple Mimosa, Mountain Ash Myrtle Oak Pachysandra Peach Pine Pines Planetree Poplar Privet Quince Spruce Sycamore

LAWNS, TURF AND TURFGRASS (including golf courses and athletic fields) such as Bentgrass Bermuda grass Bluegrass Centipede grass Fescue Rye grass St Augustine grass Wheatgrass Zoysia grass

CHEMIGATION OF AMVAC AZA 1 2% CF

GENERAL INFORMATION

This product may be applied through drip (trickle) or sprinkle (center pivot lateral move end tow side rol t raveler big gun solid set or hand move) flood (basin) or ebb and flow and hydroponic irrigation systems

Crop injury lack of effectiveness or illegal pesticide residues in the crop can result from non unif or m distribution of treated water If you have questions about calibration you should contact State Extension Servicé Specialists equipment manufacturers or other experts Do not connect an irrigation system (including greenouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safe d e rices for public water systems are in place A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person shall shut the system down and make necessary adjustments should he need arise

Dilute AMVAC AZA 1 2% CF with water before introduction into the system Use the diluted mixture within 8 hours Reduce pH of irrigation water if the pH exceeds 7 0 by using appropriate acidifying/buffering agent The

16/19

optimum pH for application is a range of 5.5 to 6.5. Agitation is necessary. Apply at the rate recommended in the Directions for Use using sufficient water to achieve an even distribution within an 8 hour period. Do not apply AMVAC AZA 1 2% CF at a rate that exceeds 20 grams active ingredient per acre (56.4 oz). If applying AMVAC AZA 1 2% CF in combination with other products refer to the compatibility section elsewhere in the label.

OBSERVE THE FOLLOWING PRECAUTIONS IF CHEMIGATION SYSTEM IS CONNECTED TO A PUBLIC WATER SYSTEM

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of a year.

Chemigation systems connected to a public water system must contain a functional reduced pressure zone (RPZ) backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top of the overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional automatic quick closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional normally closed solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in the cases where there is not a water pump when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speeds favor drift beyond the area intended for treatment.

STATEMENTS CONCERNING THE OPERATION OF SPRINKLER CHEMIGATION OR DRIP (TRICKLE) UTILIZING A PRESSURIZED WATER AND PESTICIDE INJECTION SYSTEM

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional automatic quick closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional normally closed solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

STATEMENTS CONCERNING THE OPERATION OF FLOOD (BASIN) IRRIGATION UTILIZING GRAVITY FLOW OR PRESSURIZED WATER AND PESTICIDE INJECTION SYSTEM

Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops. Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- a. The system must contain a functional interlocking check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- b. The pesticide injection pipeline must contain a functional automatic quick closing check valve to prevent the flow of the fluid back toward the injection pump.
- c. The pesticide injection pipeline must also contain a functional normally closed solenoid operated valve located

- on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down
- d The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops
- e The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected
- f Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal Open dumping is prohibited Do not re use container

PESTICIDE STORAGE Do not store this product above 100°F or below 20 F for extended periods of time Keep containers tightly closed and in original containers when not in use

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility

CONTAINER DISPOSAL Nonrefillable container Do not reuse or refill this container Triple rinse as follows Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration or if allowed by State and local authorities by burning If burned stay out of smoke

STORAGE AND DISPOSAL FOR RESIDENTIAL USE

Do not contaminate water food or feed by storage or disposal Open dumping is prohibited Do not re use container

PESTICIDE STORAGE Do not store this product above 100°F or below 20°F for extended periods of time Keep containers tightly closed and in original containers when not in use

PESTICIDE DISPOSAL **If empty** Do not reuse this container Place in trash or offer for recycling if available **If partly filled** Call your local solid waste agency or [toll free number which meets the criteria in paragraph II E] for disposal instructions Never place unused product down any indoor or outdoor drain

CONTAINER DISPOSAL **If empty** Nonrefillable container Do not reuse or refill this container Triple rinse as follows Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times Place in trash or offer for recycling if available

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label (b) that this product is reasonably fit for the purposes set forth in the directions for use subject to the inherent risks referred to herein when it is used in accordance with such directions and (c) that the directions warnings and other statements on this label are based upon responsible experts evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and to plants and residues on food crops and upon reports of field experience Tests have not been made on all varieties of food crops and plants or in all states or under all conditions

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN TO THE EXTENT CONSISTANT WITH APPLIABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES EXPRESS OR IMPLIED AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY OF QUALITY OR PERFORMANCE THIS WARRANTY DOES NOT EXTEND TO AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS WARNINGS OR CAUTIONS

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18 / 18

IN CONTRACT NEGLIGENCE STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED AT THE MANUFACTURER S OPTION TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT

AMVAC offers this product and Buyer accepts it subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC

AMVAC Chemical Corporation
4100 E Washington Boulevard
Los Angeles CA 90023 U S A
1 323 264 3910