

100-1294

1/2/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

January 2, 2013

Patrick McCain
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419

Dear Mr. McCain:

Subject: Amended label to revise seed planting depths for carrot, *Brassica* vegetables, leafy vegetables, and dry bulb onion
Product Name: Cruiser 70WS Insecticide
EPA Registration No. 100-1294
EPA Decision No. 464893

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records. Please submit one copy of your final printed labeling before you release the product for shipment. Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Julie Chao at (703) 308-8735 or chao.julie@epa.gov.

Regards,

A handwritten signature in black ink that reads "Venus Eagle".

Venus Eagle, Product Manager 01
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

(Master Label)

Cruiser® 70WS Insecticide

GROUP 4A INSECTICIDE

A seed treatment product for control of listed insects on Carrots, Leafy Vegetables, Dry Bulb Onions and *Brassica* (Cole) Leafy Vegetables.

Active Ingredient:	
Thiamethoxam ¹	70.0%
Other Ingredients:	30.0%
Total:	100.0%

¹CAS No. 153719-23-4

Cruiser 70WS contains 0.7 pounds of thiamethoxam per pound of formulated product.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1294

EPA Est. XXXX

SCP 1294A-M(draft-b)

Net Weight

ACCEPTED
JAN - 2 2013
Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

EPA. Reg. No: 100-1294

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> • 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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p>HOT LINE NUMBER</p> <p>For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident)</p> <p>Call 1-800-888-8372</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protection Equipment (PPE)

Workers involved with Treating the Seed must wear:

(Workers involved with treating the seed are responsible for loading and treating raw seed, applying coating material, liquids and binders to form the seed pellets)

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., natural rubber ≥ 14 mils)
- Shoes plus socks
- Respirator protection (i.e., single use dust mask, quarter or half mask respirator)

Multiple Task Workers must wear:

(Multiple task workers perform multiple tasks in one day such as mixing, product application, bagging/filling seed containers, bag sewing, and clean-up)

- Chemical-resistant coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., natural rubber ≥ 14 mils)
- Shoes plus socks
- Respirator protection (i.e., single use dust mask, quarter or half mask respirator)

All other Workers and Handlers must wear:

(Workers involved in bagging treated seed or sewing seed bags)

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., natural rubber ≥ 14 mils)
- Shoes plus socks

User Safety Requirements

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 exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

This product must be packaged in water soluble bags. Handlers handling this product while it is enclosed in intact water-soluble packets may elect to not wear the respirator.

IMPORTANT: When the respirator is not worn because intact water-soluble packets are in use, handlers must still be provided and have immediately available a respirator for use in an emergency (such as the water-soluble bag breaking prior to mixing).

User Safety Recommendations

Users should:

- Wash thoroughly with soap and water after handling.
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to wildlife and highly toxic to aquatic invertebrates. Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops. Do not contaminate water when disposing of equipment washwater.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. To the extent permitted by applicable law, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

Not for use in hopper box, planter box, slurry box, or other farmer-applied applications. Apply Cruiser 70WS in commercial seed treatment facilities only. For lettuce seed (head, leaf and romaine): Apply Cruiser 70WS to pelleted seed using conventional coating pans (i.e., batch pans) only. Do not use rotary coaters.

Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with Cruiser 70WS (thiamethoxam).

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT AND/OR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and or reduction of seed and seedling vigor. Treat a small quantity of seed using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment. Due to seed quality, crop or variety, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of carry-over seed or propagating material for all crop seed.

USE INFORMATION

Cruiser 70WS is a systemic seed treatment insecticide belonging to the neonicotinoid class of chemistry. Cruiser 70WS provides protection against listed chewing and sucking insects following contact and ingestion. Specifically, Cruiser 70WS is shown to provide early season protection against aphids, cabbage maggots, listed seed and root maggots, flea beetles, leaf miners, whiteflies and wireworm.

For protection against certain diseases Cruiser 70WS may be applied along with labelled fungicides. Consult professional applicators or university extension service for approved fungicides.

Cruiser 70WS must be applied in conjunction with polymers, pelleting materials and seed coating materials that are tested to be safe on leafy vegetable, *Brassica* leafy vegetable, dry bulb onion, or carrot seed. The end product that combines Cruiser 70WS with labelled fungicides must be tested for seed safety to determine any detrimental effects on seed germination or plant stand establishment. Pre-test the germination of a small sample of seed lot with Cruiser 70WS prior to large scale commercial application.

Resistance Management

Some insect pests are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

Cruiser 70WS contains a Group 4A insecticide (thiamethoxam, belonging to the neonicotinoid class of chemistry). Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by Cruiser 70WS or other Group 4A insecticides.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

In order to maintain susceptibility to this class of chemistry:

- Avoid using Group 4A insecticides exclusively for season long control of insect species with more than one generation per crop season.
- For insect species with successive or overlapping generations, apply Cruiser 70WS or other Group 4A insecticides using a "treatment window" approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated in the Directions for Use) of the Group 4A insecticides. Do not exceed the maximum Cruiser 70WS allowed per year.
- Following a treatment window of Group 4A insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 4A insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest's ability to develop resistance to this class of chemistry.
- If resistance is suspected, do not reapply any Group 4A insecticides.

Other Insect Resistance Management (IRM) practices include:

- Incorporating IPM techniques into your insect control program.

- Monitoring treated insect populations for loss of field efficacy.
- Using tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied.

For additional information on Insect Resistance Management:

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irc-online.org/>.

MIXING PROCEDURES

Cruiser 70WS is a wettable powder in water-soluble bags, formulated especially for seed treatment uses. Cruiser 70WS must be applied through an approved pelleting film coating process or a standard delivery system that is deemed safe to the seed. For lettuce seed (head, mature leaf and romaine), Cruiser 70WS must only be applied to pelleted lettuce seed. Uneven or incomplete seed coverage may not give the desired level of insect control. Consult the manufacturer of the application equipment you plan to use for suitability for this application and for instructions on operation and calibration of the equipment.

Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

Ensure seed is dry before bagging.

Add 1/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble packets of Cruiser 70WS into the tank all at once. Continue agitation while adding the remainder of the water. Allow the packets of Cruiser 70WS to dissolve and the product to completely disperse into the mix water. Continue agitation to maintain a uniform suspension until all of the spray solution has been applied.

Each foil envelope of Cruiser 70WS contains water-soluble bags of Cruiser 70WS wettable powder. The foil envelope must be opened for use. Because water-soluble bags readily dissolve in the presence of moisture, do not allow them to get wet before adding to the applicator tank. Wear dry gloves when handling the water-soluble bags. Handle with care as excessive handling may cause rupture of the water-soluble bag. Unused water-soluble bags should be stored in the original foil envelope, folded over to minimize exposure to moisture.

SEED BAG LABEL REQUIREMENTS

Federal law requires that bags containing treated seed shall be labeled with the following information:

- This seed has been treated with thiamethoxam insecticide.
- Do not use for feed, food, or oil purposes.
- User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seed treated with Cruiser® 70WS (thiamethoxam):

- Ground Water Advisory: This product has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.
- Pollinator Precautions: Thiamethoxam is highly toxic to bees, and effects are possible as a result of exposure to translocated residues in blooming crops.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used for agronomic practice.
- Store away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seeds.
- Wear long-sleeved shirt, long pants, and waterproof gloves when handling treated seed.
- Treated carrot seeds and leafy vegetable seeds must be planted into the soil at a depth of 0.125 inches or greater.
- Treated *Brassica* (cole) leafy vegetable and dry bulb onion seeds must be planted into the soil at a depth of 0.25 inches or greater.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- In the event of crop failure or harvest of a crop grown from Cruiser 70WS treated seed, the field may be replanted immediately to alfalfa, *Brassica* (cole) leafy vegetables, cereal grains (including barley, buckwheat, corn, pearl millet, proso millet, oats, popcorn, rice (dry-seeded), rye, sorghum, teosinte, triticale, wheat and wild rice), canola, cotton, cucurbit vegetables, dry bulb onion, fruiting vegetables, leafy vegetables, legume vegetables, mint (peppermint and spearmint), oil seed crops (black mustard seed, borage seed, crambe seed, field mustard seed, flax seed, Indian mustard seed, Indian rapeseed seed, peanuts, rapeseed seed, and safflower seed), root vegetables, strawberry, sunflowers, tobacco, and tuberous and corm vegetables. For any other crop, the minimum plant back interval is 120 days from the date the Cruiser 70WS treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120 day interval; however, the crop may not be grazed or harvested for food or feed.

- Dispose of all excess treated seed. Left over treated seed may be doublesown around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.
- Dispose of seed packaging in accordance with local requirements.
- Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with Cruiser 70WS (thiamethoxam).
- For *Brassica* (Cole) leafy vegetables, carrots and dry bulb onions: Do not use at a rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per year. This seed has been treated with thiamethoxam at x mg ai/ seed.
- For leafy vegetables: Do not use at a rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per year. This seed has been treated with thiamethoxam at x mg ai/seed. Refer to the following table to determine the amount of thiamethoxam applied per acre based upon seeding rate and mg ai/seed application rate.

**Pounds Thiamethoxam per Acre (grams ai per acre)–
Pelleted Lettuce Seed**

Seeding Rate (Seeds/A)	Application Rate in Mg Thiamethoxam/Lettuce Seed							
	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2
50,000	0.055 (25)	0.066 (30)	0.077 (35)	0.088 (40)	0.099 (45)	0.110 (50)	0.121 (55)	0.132 (60)
75,000	0.083 (37.5)	0.099 (45)	0.116 (52.5)	0.132 (60)	0.149 (67.5)	0.165 (75)	0.182 (82.5)	0.198 (90)
100,000	0.110 (50)	0.132 (60)	0.154 (70)	0.176 (80)	0.198 (90)	0.220 (100)	0.242 (110)	0.265 (120)
125,000	0.138 (62.5)	0.165 (75)	0.193 (87.5)	0.220 (100)	0.248 (112.5)	*	*	*
150,000	0.165 (75)	0.198 (90)	0.231 (105)	0.265 (120)	*	*	*	*
175,000	0.193 (87.5)	0.231 (105)	*	*	*	*	*	*
200,000	0.220 (100)	0.265 (120)	*	*	*	*	*	*

* Do not use at a rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per year.

CROP USE DIRECTIONS

INSTRUCTIONS FOR THE CRUISER 70WS APPLICATOR

Adjust the volume (or count) of seed for each batch to the exact amount of active ingredient available in each water-soluble bag. Once Cruiser 70WS is applied and the treated seed is packaged, indicate the amount (number of seeds) and the Cruiser 70WS rate in milligrams thiamethoxam per seed on the treated seed container/seed bag label.

LEAFY VEGETABLES (EXCEPT BRASSICA) CROP GROUP

Crops in this group are: Amaranth (leafy amaranth, Chinese spinach, tampala); Arugula (roquette); Cardoon; Celery; Celtuce; Chervil; Chinese celery; Edible-leaved chrysanthemum; Garland chrysanthemum; Corn salad; Cress (garden and upland); Dandelion; Dock (sorrel); Endive (escarole); Fennel, Florence (finocchio); Head lettuce; Leaf lettuce; Orach; Parsley; Purslane (garden and winter); Radicchio (red chicory); Rhubarb; Spinach; New Zealand spinach; Vine spinach (Malabar spinach, Indian spinach); Swiss chard

Cruiser 70WS seed treatment provides early season protection against injury from aphids, flea beetles, leaf miners, and whiteflies for certain leafy vegetables (except *Brassica*).

Pelleted Lettuce Seed (Head, Mature Leaf and Romaine Lettuce)

For head, romaine and leaf lettuce, Cruiser 70WS must be applied in conjunction with polymers, pelleting materials and seed coating materials that are tested to be safe on the seed. Cruiser 70WS is applied during the process of pelleting lettuce seed and therefore all precautionary measures mentioned in the label must be followed. For lettuce seed (head, mature leaf, and romaine), apply Cruiser 70WS to pelleted seed using conventional coating pans (i.e., batch pans) only. Do not use rotary coaters. Consult with Syngenta Crop Protection for advice on application. The end product that combines Cruiser 70WS with labelled fungicides must be tested for seed safety to determine any detrimental effects on seed germination or plant stand establishment. Pre-test the germination of a small sample of seed lot with Cruiser 70WS prior to large scale commercial application.

Apply Cruiser 70WS at 0.50 – 1.20 mg thiamethoxam per seed. Do not use at a rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per year.

Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with Cruiser 70WS (thiamethoxam).

For protection against certain diseases, Cruiser 70WS may be applied along with labelled fungicides. Consult professional applicators or university extension service for approved fungicides.

Spinach

Cruiser 70WS may reduce the injury from aphids, flea beetles, leaf miners, and whiteflies for spinach. Cruiser 70WS will not provide complete protection against the damage caused by these insects.

Suggested Seeding Rates	Milligrams (thiamethoxam) per Seed
Number of Seeds per Acre	
Up to 1,000,000	0.12

Baby leafy lettuce and mesclan mixes

Cruiser 70WS may reduce the injury from aphids, flea beetles, leaf miners, and whiteflies for baby leafy lettuce and mesclan mixes. Cruiser 70WS will not provide complete protection against the damage caused by these insects.

Suggested Seeding Rates	Milligrams (thiamethoxam) per Seed
Number of Seeds per Acre	
Up to 2,000,000	0.06
Up to 3,000,000	0.04

Note to the applicator: Once Cruiser 70WS is applied and the treated seed is packaged, indicate the amount (number of seeds) and the Cruiser 70WS rate in milligrams thiamethoxam per seed on the treated seed container.

Refer to university extension guidelines or reliable local recommendations for seeding rates of individual crops.

Restrictions:

Do not use a Cruiser 70WS rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per year.

Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with Cruiser 70WS (thiamethoxam).

BRASSICA (COLE) LEAFY VEGETABLES

Brassica Head and Stem Vegetables Crop Subgroup

Crops in this group are: Broccoli, Brussels sprouts, Cabbage, Cauliflower, Cavalo broccolo, Chinese broccoli (gai lon), Chinese cabbage (napa), Chinese mustard cabbage (gai choy), and kohlrabi

Brassica Leafy Vegetables Crop Subgroup

Crops in this group are: Broccoli raab (rapini), Chinese cabbage (bok choy), Collards, Kale, Mizuna, Mustard greens, Mustard spinach, and Rape greens

To provide early season protection of seedlings against injury from aphids, cabbage maggots, certain seed and root maggots, flea beetles, whiteflies and wireworm, apply Cruiser 70WS at 0.05 to 0.10 mg. per seed.

Refer to university extension guidelines or reliable local recommendations for seeding rates of individual crops.

Restrictions:

Do not use a Cruiser 70WS rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per year.

Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with Cruiser 70WS (thiamethoxam).

CARROTS

To provide early season protection of seedlings against injury from aphids, beetles, certain seed and root maggots, flea beetles, whiteflies and wireworm, apply Cruiser 70WS at 0.03 to 0.05 mg. per seed.

Refer to university extension guidelines or reliable local recommendations for seeding rates of individual crops.

Restrictions:

Do not use a Cruiser 70WS rate that will result in more than 0.266 lb. thiamethoxam per acre (120.66 grams a.i./A) per year.

Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with Cruiser 70WS (thiamethoxam).

DRY BULB ONIONS

Cruiser 70WS seed treatment provides early season protection of seedlings and young plants against injury from aphids, leaf miners, seed corn maggots and wireworms. Cruiser 70WS will also reduce damage caused by onion thrips. Apply Cruiser 70WS at the rate of 0.05 to 0.20 mg per seed on the seed using compatible application methods.

Restrictions:

Do not use a Cruiser 70WS rate that will result in more than 0.266 lbs thiamethoxam per acre (120.66 grams ai/A), based on a maximum seeding rate of 406,000 seeds/acre.

For protection against certain diseases Cruiser 70WS may be applied along with labelled fungicides. Consult professional applicators or university extension service for approved fungicides. Cruiser 70WS may also be applied with Trigard® OMC for onion maggot protection.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Keep water-soluble bags in original foil package and handle carefully when stored at temperatures less than 50°F to avoid breakage of bags.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office for guidance in proper disposal methods.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Container Disposal (bags, foil pouches, and cartons/containers that accompany water-soluble bags as long as water-soluble bag is unbroken)

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available, or dispose of empty outer [container][foil pouch] in the trash as long as WSP is unbroken.

Cruiser®, Trigard®, the ALLIANCE FRAME, the SYNGENTA Logo, and the PURPOSE ICON are Trademarks of a Syngenta Group Company

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1294A-M(draft-b)

Cruiser 70WS 1294A-M(draft-b)clean-ig-6-26-12 000100-01294.20120626.b.pdf

(Non-detachable container label for booklet)

Cruiser® 70WS Insecticide

GROUP 4A INSECTICIDE

A seed treatment product for control of listed insects on Carrots, Dry Bulb Onions, Leafy Vegetables and *Brassica* (Cole) Leafy Vegetables.

Active Ingredient:	
Thiamethoxam ¹	70.0%
Other Ingredients:	30.0%
Total:	100.0%

¹CAS No. 153719-23-4

Cruiser 70WS contains 0.7 pounds of thiamethoxam per pound of formulated product.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1294

EPA Est. XXXX

SCP 1294A-M(draft-b)

Net Weight

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> • 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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p>HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Store in a cool, dry place. Keep water-soluble bags in original foil package and handle carefully when stored at temperatures less than 50°F to avoid breakage of bags.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office for guidance in proper disposal methods.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Container Handling (bags, foil pouches, and cartons/containers that accompany water-soluble bags as long as water-soluble bag is unbroken)

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available, or dispose of empty outer [container][foil pouch] in the trash as long as WSP is unbroken.

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Manufactured for:

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