

Cruiser®

Insecticide

A seed treatment product for control of certain insects on barley, corn, cotton, legume vegetables, oilseed crops (rapeseed, Indian rapeseed, Indian mustard seed, field mustard seed, black mustard seed, flax seed, safflower seed, crambe seed and borage seed), potatoes, sorghum, sunflower and wheat

Active Ingredient:	
Thiamethoxam ¹	47.6%
Other Ingredients:	52.4%
Total:	100.0%

¹CAS No. 153719-23-4

Cruiser contains 5 pounds thiamethoxam per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-941

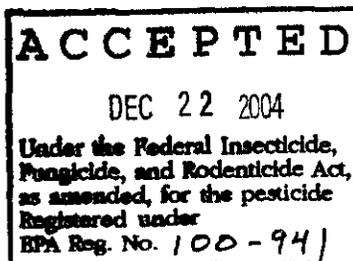
EPA Est. XXXX

Product of XXXX
Formulated in the USA

SCP 941B-L1 (draft b new uses) [Bulk, 30 gals., 15 gals., 5 gals.]
SCP 941B-L3 (draft b new uses) [1 gal., 2.5 gals.]

1 gallon
2.5 gallons

_____ gallons
Net Contents



Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton
- Shoes plus socks

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

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- 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.

Note: Workers must wear long pants, long-sleeved shirts, and chemical-resistant gloves when applying Cruiser as a seed treatment.

Environmental Hazards

This product is toxic to wildlife and highly toxic to aquatic invertebrates. Do not contaminate water when disposing of equipment wash water.

DIRECTIONS FOR USE

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

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 (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 worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton
- Shoes plus socks

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, except for the purpose of curative control of existing disease pests, 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 and seed storage

GENERAL INFORMATION

Cruiser is a systemic seed treatment insecticide belonging to the neonicotinoid class of chemistry. Cruiser controls certain chewing and sucking insects through contact and ingestion. The plant rapidly takes up the active ingredient in Cruiser as it starts to emerge and establish. Cruiser is a selective seed treatment insecticide, which should not adversely impact beneficial arthropods, and its use is compatible with integrated pest management programs. The length of control of the major insect pests will vary depending on the product use rate, insect pressure, crop growth and maturity, and soil and environmental conditions. When rate ranges are given, use the higher rate when insect pressure is expected to be high.

MIXING PROCEDURES

Important: Thoroughly shake the container of Cruiser prior to use.

Apply Cruiser as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of insect or disease control. Thoroughly mix the recommended amount of Cruiser into the required amount of water for the slurry treater and dilution rate to be used. The typical density of Cruiser is 10.5 lbs./gal. 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. Allow seed to dry before bagging.

- Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.
- Allow seed to dry before bagging.
- Store away from feed and foodstuffs.

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labelled with the following statements:

- This seed has been treated with Thiamethoxam insecticide.
- Do not use for feed, food or oil purposes.

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

Consult your local pest control advisor or extension office for additional methods for preventing resistance development. Syngenta encourages responsible product stewardship to ensure effective long term control of the insect pests on this label.

Corn (Field, Pop, Seed and Sweet Corn)

NOTE: If corn seed to be treated with Cruiser has existing infestations of stored grain pests, it is recommended that the seed be fumigated prior to treating with Cruiser and bagging.

Consult your Syngenta Seed Treatment representative for recommendations on slurry additives to use during application of Cruiser.

Follow planter manufacturer recommendations for use of talc, graphite, or other hopper box additives at planting.

Use Maxim® XL as the broad spectrum seed treatment fungicide with Cruiser applications on corn.

Field Corn, Pop Corn, Seed Corn, Sweet Corn

To provide early season protection of seedlings against injury by wireworm, seed corn maggot, southern corn leaf beetle, chinch bug, flea beetle, white grub, and suppression of cutworm, apply Cruiser at a rate to achieve between 0.125 and 0.80 mg. thiamethoxam per kernel (each fl. oz. of Cruiser contains 17.7 gm. thiamethoxam).

Field Corn Only

To provide corn rootworm protection in light to moderate infestations, billbug protection and suppression of cutworm, apply Cruiser at a rate to achieve 1.25 mg. thiamethoxam per kernel (each fl. oz. of Cruiser contains 17.7 gm. thiamethoxam).

NOTE: When treated according to the above directions for post-planting protection against listed pests, Cruiser will also provide protection during post treatment storage of the seed against damage from the following insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryza*), Red Flour Beetle (*Tribolium castaneum*), and Lesser Grain Borer (*Rhyzopertha dominica*).

Cotton (Delinted Only)

To provide early season protection of seedlings against injury by cotton aphid, western flower thrips, tobacco thrips, and the suppression of cotton fleahoppers, apply Cruiser at a rate to achieve between 0.30 and 0.34 mg. thiamethoxam per seed (each fl. oz. of Cruiser contains 17.7 gm. thiamethoxam).

Legume Vegetable Group

Bean (*Lupinus species*) (includes grain, sweet, white, white sweet lupin).

Bean (*Phaseolus species*) (includes field bean, kidney bean, lima bean, navy bean, runner bean, snap bean, tepary bean, wax bean)

Bean (*Vigna species*) (includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)

Broad bean (fava bean)

Chickpea (garbanzo bean)

Guar

Jackbean

Lablab bean (hyacinth bean)

Lentil

Pea (*Pisum species*) (includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea)

Pigeon pea

Soybean

Sword bean

To provide early season protection of seedlings against injury by aphids, bean leaf beetle, Mexican bean beetle, pea leaf weevil, pea weevil, plant leaf hopper, seed corn maggot, thrips and wireworm, apply Cruiser at 1.28 fl. oz. per 100 lbs. of seed.

It is highly recommended to use Cruiser with compatible and registered seed treatment fungicides proven to control seed and seedling diseases. These fungicides must show safety on treated seed, alone and in combination with Cruiser.

Potatoes

Cruiser potato seed treatment is to be used as an integral part of a potato pest management strategy. This strategy includes the use of certified seed, proper crop rotation, insect population thresholds, appropriate control measures, optimal harvest time for tubers and proper handling of tubers without bruising. Consult your local agricultural extension agent for more detailed information on insect management practices.

Application Procedure

Apply Cruiser using only Syngenta approved equipment that is designed to apply liquid seed treatment products to potatoes, i.e. Spud Gun™. Follow the equipment manufacturers instructions for set-up and calibration. Cruiser may require dilution prior to atomization and application to potatoes (see equipment use instructions). Ensure that spray nozzles are properly hooded and shielded to prevent any spray drift from moving off target. Apply Cruiser only in well-ventilated areas. Syngenta Crop Protection will not warranty the field performance of Cruiser if the application is made through non-Syngenta approved equipment. The mixture is applied as a fine spray over the cut or whole seed tubers. The quantity of water and Cruiser volume is adjusted based on the amount of seed moved under the hood. It is mandatory that the equipment be calibrated to deliver a maximum of 4 fl. oz. of the mixture per 100 lbs. of seed consistently. Applying excess moisture may predispose the seed to rotting, resulting in poor emergence and stand. Generally, liquid based fungicides (such as Maxim 4FS), can be applied with Cruiser, however check compatibility of the fungicides with Cruiser before use. If inert dust (fir bark, talc, etc.) or a dust-based fungicide is used apply the Cruiser seed treatment before applying the dust.

It is highly recommended to use Cruiser with compatible and registered seed treatment fungicides proven to control seed and seedling diseases. These fungicides must show safety on treated seed.

Use Cruiser seed treatment to provide protection against injury from green peach aphids, potato aphids, Colorado potato beetles, flea beetles, potato leafhoppers and psyllids. Cruiser will also control wireworms that feed on the seed piece. Length of control will vary depending on the rate used, soil and environmental condition and insect pressure. Consult your Syngenta representative for information specific to your area or region.

Choose the appropriate Cruiser rate from the **Cruiser Rate Chart**, based upon your seeding rate and row spacing:

Sorghum

To provide early season protection of seedlings against injury by corn leaf aphid, yellow sugarcane aphid, greenbug, chinch bug, seed corn maggot, wireworm, and fire ants, apply Cruiser at 5.1 fl. oz. per 100 lbs. of seed.

Wheat

To provide early season protection of seedlings against injury by bird cherry-oat aphids, English grain aphid, greenbug, Russian wheat aphid, Hessian fly and wireworm, and to reduce potential spread of barley yellow dwarf virus due to aphid vectors, apply Cruiser at 0.75-1.33 fl. oz. per 100 lbs. of seed.

(Base/container Label - 1 gal., 2.5 gal.)

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-941

EPA Est. XXXX

SCP 941B-L3 (draftb new uses) [1 gal., 2.5 gals.]

1 gallon
2.5 gallons
Net contents

Container Disposal

Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

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.

Cruiser® and the Syngenta logo are trademarks of a Syngenta Group Company

U.S. Patent Nos. 5,852,012 and 6,022,871

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Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 941B-L3 (draft b new uses) [1 gal., 2.5 gal.]

CRU941B-(draft b new uses)clean - lg - 11-19-04 000100-00941.20040426b.newuses.pdf

FIRST AID	
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 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 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
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	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This product is toxic to wildlife and highly toxic to aquatic invertebrates. Do not contaminate water when disposing of equipment wash water.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

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.

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.

Container Disposal (5 gal.)

Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

Recyclable/Refillable Containers

Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container.

Container Disposal (Bulk and mini-bulk)

Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

FIRST AID	
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 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 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
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	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through the skin, swallowed, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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 should 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, Inc. or Seller. All such risks shall be assumed by Buyer and User, and 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. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. 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.

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.

STORAGE AND DISPOSAL

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

Storage

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

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.

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.

Container Disposal (1gal. 2.5 gal., 5 gal.)

Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

Container Disposal (Recyclable/Refillable Containers)

Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container.

Container Disposal (Bulk and mini-bulk)

Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

- Store away from food and feedstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging in accordance with local requirements.
- In the event of crop failure or harvest of a crop grown from Cruiser treated seed, the field may be replanted immediately to barley, canola, corn, cotton, cucurbit vegetables, fruiting vegetables, legume vegetables, mint (peppermint and spearmint), oil seed crops (rapeseed, Indian rapeseed, Indian mustard seed, field mustard seed, black mustard seed, flax seed, safflower seed, crambe seed and borage seed), root vegetables (except sugar beets), sorghum, strawberry, sunflowers, tobacco, tuberous and corn vegetables and wheat. For any other crop, the minimum plant back interval is 120 days from the date the Cruiser 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.

Sunflower Seed Bags Only:

- To protect the Preble's Meadow Jumping Mouse, sunflower seed treated with Cruiser may not be planted in Elbert or Weld Counties in Colorado. Treated sunflower seed must be planted at a minimum depth of one inch.

CROP USE DIRECTIONS

Resistance Management

Cruiser belongs to the neonicotinoid class of chemistry, which is not known to be cross-resistant to any other class of insecticide. However, insect pests are known to develop resistance to products used repeatedly. Because resistance development can not be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. The following label restrictions must be followed to reduce the chance of resistance development:

- With the exception of cotton, do not apply a neonicotinoid insecticide to any crop which has been previously treated with a Cruiser seed treatment.
- For cotton, do not apply a neonicotinoid insecticide within 45 days of planting seed treated with Cruiser.

Barley

To provide early season protection of seedlings against injury by bird cherry-oat aphids, English grain aphid, greenbug, Russian wheat aphid, Hessian fly and wireworm, and to reduce potential spread of barley yellow dwarf virus due to aphid vectors, apply Cruiser at 0.75-1.33 fl. oz. per 100 lbs. of seed.

Plant Cruiser-treated cotton seed based on recommended planting dates and soil temperatures made by your state agricultural extension agent. In areas that have a history of high thrips pressure or when cotton is grown in North Carolina or Virginia, use Cruiser seed treatment followed by a foliar insecticide spray when cotton is between the 1st and 3rd leaf stage.

Do not apply a neonicotinoid insecticide within 45 days of planting seed treated with Cruiser.

Oil Seed Crops (Rapeseed seed, Indian rapeseed seed, Indian mustard seed, field mustard seed, black mustard seed, flax seed, safflower seed, crambe seed and borage seed)

To provide early season protection of seedlings against injury by crucifer flea beetles and wireworms, apply Cruiser at 10.24 fl. oz. per 100 lbs. of seed.

It is highly recommended to use Cruiser with compatible and registered seed treatment fungicides proven to control seed and seedling diseases. These fungicides must show safety on treated seed, alone and in combination with Cruiser.

22/28

Cruiser Rate Chart for Potato Seeding Rates and Row Spacing

Seeding Rate-100 lbs./A	Row Spacing in Inches	Fl. oz. per 100 lbs.* of Potato Seed Tubers
20	34	0.16
	36	0.16
	38	0.16
21	34	0.15
	36	0.15
	38	0.15
22	34	0.14
	36	0.15
	38	0.15
23	34	0.14
	36	0.14
	38	0.14
24	34	0.13
	36	0.14
	38	0.14
25	34	0.13
	36	0.13
	38	0.13
26	34	0.12
	36	0.13
	38	0.13
27	34	0.12
	36	0.12
	38	0.12
28	34	0.11
	36	0.11
	38	0.11

*Rates shown are for standard 2 - 2 1/2 oz. seed pieces size

When considering the Cruiser use rates, seeding rates, and row spacing not covered in the above table, make sure that you do not apply more than a total of 0.125 lbs. active ingredient per acre.

Treated Seed Storage

If the treated seed needs to be stored or held for a few days, make sure that there is adequate cool air (60°F) movement through the pile of cut seed potatoes at relative humidity of 85-90%. Cut and treated seed should not be piled above 6 ft. in height. Best results are obtained if potatoes are planted immediately after Cruiser seed treatment. When transporting cut and Cruiser treated seed, make sure the seed is covered.

Sunflower

To provide early season protection of sunflower seedlings against injury by wireworm, sunflower beetle, flea beetle, and stored grain insects apply Cruiser at 0.25 mg. a.i. per seed (each fl. oz. of Cruiser contains 17.7 gm. thiamethoxam).

It is highly recommended to use Cruiser with compatible and registered seed treatment fungicides such as Apron® XL and Maxim 4FS which are proven to control seed and seedling diseases.

Cruiser®, Maxim®, Apron® and the Syngenta logo are trademarks of a Syngenta Group Company

U.S. Patent Nos. 5,852,012 and 6,022,871

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

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

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SCP 941B-L3 (draft b new uses) [1 gal., 2.5 gal.]

CRU 941B(draft b new uses)clean - lg - 11-19-04 000100-00941.20040426b.newuses.pdf

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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 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.
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CAUTION

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Environmental Hazards

This product is toxic to wildlife and highly toxic to aquatic invertebrates. Do not contaminate water when disposing of equipment wash water.

(Container label - bulk, 30 gal., 15 gal., 5 gal)

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Insecticide

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Active Ingredient:

Thiamethoxam ¹	47.6%
Other Ingredients:	52.4%
Total:	100.0%

¹CAS No. 153719-23-4

Cruiser contains 5 pounds thiamethoxam per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-941

EPA Est. XXXX

SCP 941B-L1 (draftb new uses) [bulk, 30 gal., 15 gal., 5 gal

_____gallons

Net Contents

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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 should 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, Inc. or Seller. All such risks shall be assumed by Buyer and User, and 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. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. 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.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

Cruiser® and the Syngenta logo are trademarks of a Syngenta Group Company

U.S. Patent Nos. 5,852,012 and 6,022,871

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SCP 51B-L1 (draft b new uses) [bulk, 30 gal., 15 gal., 5 gal.]

CRL3131 (draft b new uses)clean - lg - 11-19-04 000100-00941.20040426b.newuses.pdf