

2023-04-17
2022-3885

GROUP	2	HERBICIDE
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PINNACLE® SG Herbicide

SOLUBLE GRANULE

FOR SALE FOR USE ON SOYBEANS, FIELD TOMATOES AND THIFENSULFURON-METHYL
TOLERANT CAMELINA (SES1154HR) ONLY

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

ACTIVE INGREDIENT: Thifensulfuron methyl 50%

WARNING, CONTAINS THE ALLERGEN MILK

REGISTRATION NO. 29349 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 3.3 grams-25 Kg

FMC of Canada Limited
6755 Mississauga Road, Suite 204
Mississauga, ON L5N 7Y2
1-833-362-7722

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- AVOID BREATHING SPRAY MIST.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
- DO NOT CONTAMINATE ANY BODY OF WATER.
- DO NOT APPLY BY AIR
- WEAR LONG-SLEEVED SHIRT, LONG PANTS, SOCKS, AND CHEMICAL-RESISTANT GLOVES AND FOOTWEAR DURING MIXING, LOADING, APPLICATION, CLEAN-UP AND REPAIR. CHEMICAL-RESISTANT GLOVES ARE NOT REQUIRED WHILE OPERATING GROUNDBOOM SPRAYERS.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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 centre 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 centre or doctor for treatment advice.

IF SWALLOWED:

Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED:

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 centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

For emergencies call **1-800-331-3148** (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

STORAGE:

Store product in original container in a secure, dry area away from pesticides, fertilizers, food or feed. Not for use or storage in or around the home. Keep container tightly closed and dry.

DISPOSAL:**RECYCLABLE CONTAINER:**

Do not reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site.

Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container.
2. Add the rinsings to the spray mixture in the tank.
3. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the PEST CONTROL PRODUCTS ACT to use this product in a way that is inconsistent with the directions on the label.

PINNACLE is a trademark of FMC Corporation or an affiliate.

<<DFU Booklet>>

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PINNACLE® SG Herbicide

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FOR SALE FOR USE ON SOYBEANS, FIELD TOMATOES AND THIFENSULFURON-METHYL
TOLERANT CAMELINA (SES1154HR) ONLY

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6755 Mississauga Road, Suite 204
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PRECAUTIONS:

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- AVOID BREATHING SPRAY MIST.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
- DO NOT CONTAMINATE ANY BODY OF WATER.
- DO NOT APPLY BY AIR
- WEAR LONG-SLEEVED SHIRT, LONG PANTS, SOCKS, AND CHEMICAL-RESISTANT GLOVES AND FOOTWEAR DURING MIXING, LOADING, APPLICATION, CLEAN-UP AND REPAIR. CHEMICAL-RESISTANT GLOVES ARE NOT REQUIRED WHILE OPERATING GROUNDBOOM SPRAYERS.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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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 centre or doctor for treatment advice

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IF SWALLOWED:

Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED:

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 centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

For emergencies call **1-800-331-3148** (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

APPLICATION PRECAUTIONS:

DO NOT APPLY BY AIR.

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts or similar areas.
- Prevent drift of spray to desirable plants. Do not contaminate any body of water, including irrigation water that may be used on other crops.
- Carefully observe sprayer clean-up instructions, as spray tank residue may damage crops other than soybeans.
- Do not handle pesticides with bare hands. Chemical-resistant gloves significantly reduce hand exposure. Wear chemical-resistant gloves for mixing/loading/clean-up operations and when making sprayer and nozzle repairs and adjustments. Do not use leather or cloth gloves.

PRODUCT DESCRIPTION:

PINNACLE® SG Herbicide is recommended for selective postemergence control of broadleaf weeds in soybeans, field tomatoes and thifensulfuron methyl tolerant camelina (SES1154HR). PINNACLE® SG Herbicide is in the form of a soluble granule to be mixed in water and applied as a uniform broadcast spray. It is noncorrosive, nonflammable, nonvolatile, and does not freeze.

PINNACLE® SG Herbicide must be applied with a recommended surfactant early postemergence to the main flush of actively growing weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of PINNACLE® SG Herbicide by allowing maximum foliar uptake and contact activity. Weeds hardened off by environmental stress may not be adequately controlled or suppressed and regrowth may occur. PINNACLE® SG Herbicide may only be applied using ground equipment. For best results ensure thorough spray coverage of target weeds. Refer to "RATES AND TIMING" section of the label for complete use details.

PINNACLE® SG Herbicide rapidly stops growth of susceptible weeds. However, typical symptoms (discolouration) of dying weeds may not be noticeable for 1 to 3 weeks after application, depending on growing conditions and weed susceptibility. Favourable growing conditions following treatment promote the activity of PINNACLE® SG Herbicide while cold, dry conditions delay the activity.

Degree of control and duration of effect depend on weed sensitivity, weed size, crop competition, growing conditions and spray coverage.

PINNACLE® SG Herbicide may be applied on all soil types.

ENVIRONMENTAL PRECAUTIONS:

- **TOXIC** to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application of this product when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

RAINFESTNESS INFORMATION:

Up to 25 mm of rain beginning 1 hour or more after spraying will not reduce the effectiveness of PINNACLE® SG Herbicide.

DIRECTIONS FOR USE.

- As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application:

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Spray Buffer zones:

Use of the following spray methods or equipment DO NOT require a spray buffer zone: hand-held or backpack sprayer, inter-row hooded sprayer and spot treatment.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, pastures, rangelands, and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Spray Buffer zone (metres) required for the protection of:		
	Terrestrial habitat	Aquatic habitats of water depths:	
		<1m	>1m
Field sprayer	15	1	0

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticide portion of the Canada.ca website.

PINNACLE® SG Herbicide USED ALONE

SPRAY ADJUVANTS:

PINNACLE® SG Herbicide must be applied with a recommended non-ionic surfactant, such as AG-SURF*, AGRAL* 90, or CITOWETT* PLUS at 1 litre per 1000 litres water (0.1% v/v) OR a crop oil concentrate (if applicable), such as SURE-MIX* at 0.5% v/v (0.5 litres per 100 litres of spray solution) or ASSIST* at 1-2 litres per hectare.

RATES AND TIMING:

PINNACLE® SG Herbicide may be applied anytime after the soybeans have the first trifoliolate leaf fully expanded and before soybeans have initiated flowering. PINNACLE® SG Herbicide can be applied up to 60 days before soybean harvest.

Use 8.25 or 12 grams PINNACLE® SG Herbicide per hectare. For best results apply to young actively growing weeds before the soybean canopy closes. Weeds should be less than 10 cm tall or across. Weeds that emerge after treatment will not be controlled.

Apply 8.25 or 12 grams PINNACLE® SG Herbicide per hectare as a broadcast spray with a recommended surfactant.

WEEDS CONTROLLED AT 8.25 GRAMS PER HECTARE:

- Redroot pigweed
- Wild mustard
- Lady's thumb

WEEDS CONTROLLED AT 12.0 GRAMS PER HECTARE:

- Weeds controlled at 8.25 grams per hectare plus:
- Lamb's-quarters
- Velvetleaf †

†The addition of a nitrogen-containing fertilizer such as 28% N, at 4 litres per 100 litres of spray solution, or an equivalent amount of nitrogen as urea (46-0-0) per ha may improve control of velvetleaf.

PINNACLE® SG Herbicide TANK MIXES

PINNACLE® SG Herbicide + ASSURE* II

For the control of annual grassy and specific broadleaf weeds, apply a tank mixture of the following:

PINNACLE® SG Herbicide	8.25 or 12.0 g/ha
plus	
ASSURE* II	0.5 L/ha
plus	
SURE-MIX*	0.5% v/v (0.5 litres per 100 litres of spray solution)

Consult the complete ASSURE* II Directions for Use pamphlet for grassy weeds controlled. For the correct use rate for the broadleaf weeds present, refer to the Weeds Controlled section in this label.

Consult the timing section of this label for the correct timing of application to grassy weeds. For optimum leaf stage timing of broadleaf weeds, consult the General Information section of this label. If leaf stages of the grass and broadleaf weeds do not coincide, a sequential application of the grass and broadleaf herbicides is required to ensure satisfactory control. Do not apply before the crop has 1-2 full trifoliolate leaves.

Velvetleaf control may be reduced with a single tank mix application. For optimum control, make separate applications of PINNACLE® SG Herbicide and ASSURE* II Herbicides.

DO NOT FREEZE.

PINNACLE® SG Herbicide + ASSURE* II + BASAGRAN* FORTE

For the control of annual grassy and broadleaf weeds, apply a tank mixture of the following:

PINNACLE® SG Herbicide	8.25 or 12.0 g/ha
plus	
ASSURE* II	0.63 L/ha
plus	
BASAGRAN* FORTE	1.75 or 2.25 L/ha
plus	
SURE-MIX*	0.5% v/v (0.5 litres per 100 litres of spray solution)

Consult the BASAGRAN* FORTE label and the above table for the correct use rate for the broadleaf weeds present. Weeds controlled by 0.63 L/ha of ASSURE* II in this tank mix are listed on the ASSURE* II label at 0.5 L/ha (when ASSURE* II is used alone). The increase in the application rate of ASSURE* II in this tank mix is required for consistent grassy weed control.

Consult the ASSURE* II label for the correct timing of application to grassy weeds. For optimum leaf stage timing of broadleaf weeds, consult the BASAGRAN* FORTE label and as well as the General Information and Directions for Use sections in this label. If leaf stages of the grass and broadleaf weeds do not coincide, a sequential application of the grass and broadleaf herbicides is required to ensure satisfactory control. Do not apply before the crop has 1-2 full trifoliolate leaves.

DO NOT FREEZE.

PINNACLE® SG Herbicide plus BASAGRAN* or BASAGRAN* FORTE tank mix

PINNACLE® SG Herbicide may be tank-mixed with BASAGRAN* or BASAGRAN* FORTE to control additional weeds not controlled by PINNACLE® SG Herbicide alone. If BASAGRAN* FORTE is used, an additional adjuvant is not required. This tank mix includes:

PINNACLE® SG Herbicide	12.0 g/ha
plus	
BASAGRAN* FORTE	1.75 or 1.25 L/ha

PINNACLE® SG Herbicide	12.0 g/ha
plus	
BASAGRAN*	1.75 or 2.25 L/ha
plus	
ASSIST*	1.0 – 2.0 L/ha

The tank mixture will control the weeds listed for control by PINNACLE® SG Herbicide alone (at 12 g/ha), plus the weeds listed on the BASAGRAN* or BASAGRAN* FORTE label. Please refer to the BASAGRAN* or BASAGRAN* FORTE label for weeds controlled at the appropriate use rate.

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact FMC at 1-833-362-7722 for information before applying any tank mix that is not specifically recommended on this label.

When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on all product labels.

MIXING INSTRUCTIONS:

1. Always start with a clean and empty sprayer tank. Fill the tank to 1/3 full of **clean** water.
2. With the agitator running, add the required amount of Pinnacle® SG herbicide. Continue to agitate for a minimum of 5 minutes to ensure that Pinnacle® SG herbicide is **completely** dissolved.
3. Make sure there are no un-dissolved granules, and then add the required amount of the tank mix partner.
4. If the tank mix partner is an Emulsifiable Concentrate (EC), reduce agitation to avoid inducing an invert emulsion. Once dissolved, the Pinnacle® SG herbicide will remain in solution.
5. Add the rest of the water.
6. If required for the tank mixture, add the appropriate adjuvant. If an antifoam agent is required, add last.

7. The addition of a nitrogen containing fertilizer such as 28% N, at 4 litres per 100 litres of spray solution, or an equivalent amount of nitrogen as urea (46-0-0) per ha may improve control of velvetleaf and should be added after the surfactant.
8. For repeat tank loads, reduce the material remaining in the tank to 10% of the original volume **or less** before proceeding with step 1, because remaining chemicals may prevent Pinnacle® SG herbicide granules from completely dissolving. If this is not possible, pre-slurry the Pinnacle® SG herbicide in a small amount (5-10 L) of water before adding to the tank.

SPECIAL MIXING INSTRUCTIONS FOR CHEMICAL HANDLERS

1. Ensure the chemical handler is clean (rinsed with ammonia).
2. For best results, add the Pinnacle® SG herbicide to the top of the sprayer tank.
3. If a chemical handler is used, make sure that all of the granules of the Pinnacle® SG herbicide are completely dissolved and injected into the main tank with agitation before adding other chemicals.
4. Low water volumes in some chemical handlers can cause the water to become saturated with the Pinnacle® SG herbicide, leaving un-dissolved granules. In that case, rinse the chemical handler with clean water before adding any other chemical.
5. Always dissolve the Pinnacle® SG herbicide granules with agitation in the main tank before adding a tank mix partner.

NOTE: Follow the clean-out procedure recommended for sprayer tanks for the chemical handler.

Agitation is required for uniform mixing and application. Apply PINNACLE® SG Herbicide in a minimum of 100 litres of water per hectare. Use spray preparation of PINNACLE® SG Herbicide within 24 hours or product degradation may occur resulting in a loss of weed control. Use vigorous agitation to thoroughly disperse spray mixtures that have been allowed to stand in the tank.

Calibrate sprayer only with clean water away from well site. Make scheduled checks of spray equipment.

MINOR USES

NOTE TO BUYER/USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than FMC Corporation under the User Requested Minor Use Label Expansion program. For these uses FMC Corporation has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

FOR SALE FOR USE ON FIELD TOMATOES ONLY

For control of lady's thumb, redroot pigweed and wild mustard apply 8.25 grams PINNACLE® SG Herbicide per hectare with a recommended non-ionic surfactant (AGRAL* 90 only) at 2.0 litres per 1,000 litres of spray solution (0.2% v/v).

For control of the weeds listed above, together with lamb's-quarters and velvetleaf apply 12.0 grams PINNACLE® SG Herbicide per hectare with a recommended non-ionic surfactant (AGRAL* 90 only) at 2.0 litres per 1,000 litres of spray solution (0.2% v/v).

Apply post-emergent to field tomatoes three (3) weeks after transplanting in the field. Weeds should be less than 10 cm tall or across. Weeds that emerge after treatment will not be controlled.

FOR SALE FOR USE ON PROCESSING FIELD TOMATOES ONLY

PINNACLE® SG Herbicide (8.25 g/ha) + PRISM Herbicide 25% Dry Flowable (60 g/ha)

This tank mixture controls the following weeds:

Red Root Pigweed	Wild Mustard	Lady's Thumb	Green Foxtail
Fall Panicum	Barnyard grass	Hairy Nightshade	Lamb's-quarters*

*Suppression only

PINNACLE® SG Herbicide (12 g/ha) + PRISM Herbicide 25% Dry Flowable (60 g/ha)

**This tank mixture controls the following weeds:
Weeds listed above plus Lamb's-quarters and Velvetleaf.**

Tank mix PRISM Herbicide 25% Dry Flowable (60 g/ha) and PINNACLE® SG Herbicide (8.25 g/ha or 12 g/ha) and apply as a single post-emergent spray using ground application only. Apply to weeds up to 10 cm or 21 days after transplanting. Use with a non-ionic surfactant, Agral®90 at 0.2% v/v. Use a Spray Volume of 200L/ha.

Do not harvest crop within 45 days of treatment. Refer to the appropriate sections of the PRISM Herbicide 25% Dry Flowable and PINNACLE® SG Herbicide labels for recropping information, and for additional application instructions, specific weed recommendations and/or use precautions.

NOTE:

If rain occurs after application, control may be reduced. Several hours of dry weather are needed to allow PINNACLE® SG Herbicide to be absorbed by weed foliage.

PINNACLE® SG Herbicide can be applied 45 days before harvest of field tomatoes.

FOR USE ON THIFENSULFURON METHYL TOLERANT CAMELINA (SES1154HR) ONLY

For control of lady's thumb, redroot pigweed, wild mustard, lamb's-quarters and velvetleaf, apply 12 grams PINNACLE® SG Herbicide per hectare with a recommended non-ionic surfactant (AG-SURF*, AGRAL* 90, or CITOWETT* PLUS) at 1.0 litre per 1,000 litres of spray solution (0.1% v/v) OR a crop oil concentrate (if applicable), such as SURE-MIX* at 0.5% v/v (0.5 litres per 100 litres of spray solution) or ASSIST* at 1-2 litres per hectare. Use a minimum spray volume of 100L/ha.

Apply after Camelina is established up to 60 days before harvest. Apply to actively growing young weeds less than 10 cm tall or across. Weeds that emerge after treatment will not be controlled.

Do not make more than 1 application per year in Thifensulfuron Methyl tolerant Camelina (SES1154HR)

Do not apply using aerial application equipment.

Do not apply less the 60 days before harvest. Observe a 60 day PHI.

SPRAYER CLEANUP:

CLEANING PRECAUTIONS:

CAUTION: DO NOT use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour, which may cause eye, nose, throat and lung irritation. DO NOT clean equipment in an enclosed area.

Extreme care should be taken to avoid damage by drift onto plants outside the target area or onto ponds, waterways or ditches or land intended for cropping. When spraying near adjacent sensitive crop or plants, do everything possible to reduce spray drift.

CLEANING INSTRUCTIONS:

To avoid subsequent injury to crops other than soybeans, field tomatoes and thifensulfuron methyl tolerant camelina (SES1154HR), immediately after spraying and prior to spraying other crops, thoroughly remove all traces of PINNACLE® SG Herbicide from mixing and spray equipment as follows:

1. Drain tank; then flush tank, boom and hoses with clean water for a minimum of ten minutes. Visually inspect tank to assure removal of all visible residues of PINNACLE® SG Herbicide. If necessary, repeat step 1. DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION.
2. Fill tank with clean water while adding 1 litre household ammonia (containing a minimum 3% ammonia) per 100 litres of water. Flush solution through boom and hoses, and then add more water to completely fill tank. Allow to sit for 15 minutes with agitation. Again, flush the hoses, boom and nozzles with the cleaning solution and drain tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat Step 2.
5. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing water through the hoses and boom.

USE PRECAUTIONS:

- Do not apply to soybeans, field tomatoes or thifensulfuron methyl tolerant camelina (SES1154HR) that are stressed by severe weather conditions, frost, low fertility, drought, water saturated soil, disease or insect damage as crop injury may result.
- Do not make more than one application per growing season.
- Do not apply to irrigated land where tail water will be used to irrigate crop land. Do not contaminate irrigation water.
- Under certain conditions (such as heavy rainfall, prolonged cool weather, frost conditions, wide fluctuations in day/night temperatures), temporary lightening in crop colour and occasionally a slight reduction in crop height may occur.
- Because crop varieties differ in their tolerance to herbicides, limit first use of PINNACLE® SG Herbicide to a small area of each variety prior to adoption as a field practice.
- Do not mix, load, or apply within 15 meters of all wells, bodies of water and wetland areas.

- Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.
- Do not plant any crop other than soybeans, tomatoes, wheat or barley, Imazamox or Imazethapyr tolerant canola (e.g. Clearfield* canola varieties) or thifensulfuron methyl tolerant camelina (SES1154HR) for 30 days after application of Pinnacle SG Herbicide.

CAUTION:

Do not graze the treated crops or cut for hay; sufficient data are not available to support such use.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, PINNACLE® SG Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to PINNACLE® SG Herbicide and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- ◆ Where possible, rotate the use of PINNACLE® SG Herbicide or other Group 2 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- ◆ Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- ◆ Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- ◆ Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- ◆ Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- ◆ Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- ◆ For further information or to report suspected resistance, contact your local FMC representative or the FMC hotline at 1-833-362-7722 for further information.

STORAGE:

Store product in original container in a secure, dry area away from pesticides, fertilizers, food or feed. Not for use or storage in or around the home. Keep container tightly closed and dry.

DISPOSAL:

RECYCLABLE CONTAINER:

Do not reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site.

Before taking the container to the collection site:

4. Triple- or pressure-rinse the empty container.
5. Add the rinsings to the spray mixture in the tank.
6. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label.

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