

PMRA Approved Label
2022-6336
2024-02-15
**** Container label ****



GROUP	27	6	HERBICIDE
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HUSKIE PRE

Emulsifiable Concentrate Herbicide

FOR PREPLANT AND PREEMERGENCE APPLICATIONS IN SPRING, DURUM AND WINTER WHEAT, TRITICALE AND BARLEY.

COMMERCIAL

ACTIVE INGREDIENT:

pyrasulfotole	25 g/L
bromoxynil (present as mixed octanoate and heptanoate esters)	280 g/L



SKIN IRRITANT
POTENTIAL SKIN SENSITIZER

READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

REGISTRATION NO. 35077 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1 L - Bulk
SHAKE WELL BEFORE USE
Product Information: 1-888-283-6847

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd. SE
Calgary, AB T2C 3G3



IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY RESPONSE NUMBER 1-800-334-7577 (24 HOURS A DAY).

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.

DIRECTIONS FOR USE: See the printed booklet provided with this container.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Fatal if swallowed. May irritate the skin. Avoid contact with eyes, skin or clothing. Potential skin sensitizer. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Remove and wash contaminated clothing before reuse.

Follow the personal protective equipment requirements during mixing, loading and application and user safety recommendations as described in the booklet label.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

DO NOT apply by air.

Note: If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Canada Inc. at 1-888-283-6847 or www.cropscience.bayer.ca.

FIRST AID: Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention. **If swallowed**, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person. **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 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. **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.

TOXICOLOGICAL INFORMATION: Contains petroleum distillates – vomiting may cause aspiration pneumonia. Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS: This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffers specified under DIRECTIONS FOR USE.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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 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.

STORAGE: Store in original container and out of reach of children, preferably in a locked storage area. Store the tightly closed container away from feeds, seeds, fertilizers, plants and foodstuffs. Do not store below -20 °C. After storage, warm to room temperature and shake well before use. If stored for one

year or longer, shake or mix well before using. Do not use or store in or around the home.

Store this product away from food or feed.

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. Add the rinsings to the spray mixture in the tank.
2. 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/territorial requirements.

Returnable Container: DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

Returnable-Refillable Container: For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

Disposal of Unused, Unwanted Product: For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

TMHUSKIE PRE is a trademark of Bayer.

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**** Booklet label ****



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COMMERCIAL

ACTIVE INGREDIENT:

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DANGER

POISON

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HUSKIE PRE

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GENERAL INFORMATION

Section 1: NOTICE TO USER

This pest control product is only to be used 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.

SECTION 2: THE PRODUCT

HUSKIE PRE is a selective herbicide for preplant or postplant pre-emergence application in wheat (spring, durum and winter), triticale and barley. HUSKIE PRE controls a broad spectrum of broadleaf weeds.

SAFETY AND HANDLING

SECTION 3: PRECAUTIONS AND PERSONAL PROTECTIVE EQUIPMENT

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Fatal if swallowed. May irritate the skin. Avoid contact with eyes, skin or clothing. Potential skin sensitizer. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Remove and wash contaminated clothing before reuse. **DO NOT** apply by air.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, clean-up and repair. Wear a long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes during applications. Gloves are not required during application within a closed cab. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: User 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. 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. Obtain prompt medical aid if poisoning should occur.

DO NOT apply this product in a way that this product will contact workers or other persons, either directly or through drift.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Note: If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Canada Inc. at 1-888-283-6847 or www.cropscience.bayer.ca.

SECTION 4: FIRST AID AND TOXICOLOGICAL INFORMATION

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

If swallowed	<ul style="list-style-type: none">• Call a poison control centre or doctor immediately for treatment advice.• Do not induce vomiting unless told to do so by a poison control centre or doctor.• Do not give any liquid to the person.• 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 centre 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 centre 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 centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION: Contains petroleum distillates – vomiting may cause aspiration pneumonia. Treat symptomatically.

SECTION 5: ENVIRONMENTAL PRECAUTIONS

This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffers specified under DIRECTIONS FOR USE.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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 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.

SECTION 6: STORAGE

Store in original container and out of reach of children, preferably in a locked storage area. Store the tightly closed container away from feeds, seeds, fertilizers, plants and foodstuffs. Do not store below -20 °C. After storage, warm to room temperature and shake well before use. If stored for one year or longer, shake or mix well before using. Do not use or store in or around the home.

Store this product away from food or feed.

SECTION 7: DISPOSAL

Recyclable Container Disposal:

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. Add the rinsings to the spray mixture in the tank.
2. 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/territorial requirements.

Returnable Container Disposal: DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

Returnable-refillable Container Disposal: For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

Disposal of Unused, Unwanted Product: For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

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.

SECTION 8: CROPS AND WEEDS

8.1 CROPS, APPLICATION TIMING AND TANK-MIX APPLICATION:

HUSKIE PRE can be applied pre-plant or post-plant but pre-emergence to wheat (spring, durum, winter), triticale and barley.

HUSKIE PRE must be tank-mixed with

- Roundup Weathermax with Transorb 2 Technology Liquid Herbicide **or**
- Roundup Transorb HC Liquid Herbicide **or**
- R/T 540 Liquid Herbicide.

This tank-mix treatment will provide burndown control of labelled weeds, allows for early weed removal and reduced weed competition with subsequent cereal crops and may be used for all tillage systems (e.g. no-tillage, reduced tillage, conservation tillage and conventional tillage). Early weed removal leads to improved crop yield and quality.

For control of subsequent weed flushes, follow a burndown application of this recommended tank-mixture with a registered in-crop herbicide treatment. Do not apply more than one application of HUSKIE PRE per growing season. **Refer to Section 9 for additional application instructions and precautions.**

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 Bayer CropScience Inc. at www.cropscience.bayer.ca or phone 1-888-283-6847 for information before applying any tank mix that is not specifically recommended on this label.

Bayer CropScience Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank-mixes under all environmental conditions or for all crop varieties. Tank-mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank-mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

8.2 APPLICATION RATES AND WEEDS CONTROLLED:

HUSKIE PRE applied at 1.0 – 1.25 L/ha according to label recommendations will provide burndown control of emerged, young, actively growing weeds in the stages listed below. Use the higher rates within the labelled rate range for improved weed control and higher weed pressures.

HUSKIE PRE must be applied in tank-mix combination with

- Roundup Weathermax with Transorb 2 Technology Liquid Herbicide **or**
- Roundup Transorb HC Liquid Herbicide **or**
- R/T 540 Liquid Herbicide

applied at 450-900 g a.e./ha. Refer to the tank-mix partner label for a list of additional weeds controlled.

BROADLEAF WEED¹	RECOMMENDED STAGE
American nightshade	1 to 4-leaf stage
Annual sow-thistle	1 to 6-leaf stage
Bluebur	1 to 4-leaf stage
Chickweed	1 to 6-leaf stage
Cleavers	1 to 6 whorls
Canada fleabane	Up to 10 cm in height/diameter
Canada thistle (Suppression only)	Up to 30 cm in height
Cocklebur	1 to 4-leaf stage
Common buckwheat	1 to 8-leaf stage
Common groundsel	1 to 8-leaf stage
Common ragweed	1 to 6-leaf stage
Cow cockle ²	1 to 4-leaf stage
Dandelion (Suppression only) (includes seedlings and overwintered rosettes)	Up to 10 cm in height and 25 cm in diameter
Flixweed	Up to 10 cm in height
Giant ragweed (Suppression only)	1 to 6-leaf stage
Green smartweed	1 to 6-leaf stage
Hemp-nettle	1 to 6-leaf stage
Jimsonweed	1 to 4-leaf stage
Kochia	Up to 10 cm in height
Lady's thumb	1 to 6-leaf stage
Lamb's-quarters	1 to 8-leaf stage
Narrow-leaved hawk's-beard	Up to 10 cm and prior to bolting
Pale smartweed	1 to 6-leaf stage
Perennial sow-thistle (Suppression only)	1 to 6-leaf stage
Redroot pigweed	1 to 6-leaf stage
Round-leaved mallow	1 to 6-leaf stage
Russian thistle	Up to 10 cm in height
Shepherd's purse	1 to 6-leaf stage
Spreading atriplex (Suppression only)	1 to 10 leaf stage
Stinkweed	1 to 6-leaf stage
Tartary buckwheat	1 to 8-leaf stage
Velvetleaf ³	1 to 4-leaf stage
Volunteer canola (includes conventional and herbicide tolerant)	1 to 6-leaf stage

Volunteer soybean	Up to the 5 th trifoliolate leaf stage
Wild buckwheat	1 to 8-leaf stage
Wild mustard	1 to 6-leaf stage

- 1 HUSKIE PRE controls herbicide-resistant biotypes of the labeled weeds from the following groups: Group 2: ALS/SU; Group 4: Synthetic Auxin; Group 5: Photosystem II inhibitors; Group 9: EPSP synthase inhibitors; Group 14: PPO inhibitors.
- 2 In normal conditions will be controlled up to the 4-leaf stage. Plants beyond this stage are unlikely to be controlled. The higher rate generally gives better results.
- 3 Spray before plants are 8 cm high.

- Rainfall within 1 hour of application may reduce effectiveness.
- For best results, apply to emerged, young, actively growing weeds according to the weed stages listed.
- Under stressed conditions early application will result in improved weed control.
- Weeds growing under adverse environmental conditions such as drought will be less susceptible to HUSKIE PRE.

SECTION 9: APPLICATION INSTRUCTIONS AND PRECAUTIONS

9.1 GENERAL REMINDERS FOR SUCCESSFUL OPERATION

- HUSKIE PRE may be applied preplant/postplant pre-emergence in wheat (spring, durum, winter), triticale and barley. Apply HUSKIE PRE only once per crop per growing season.
- Do not use another Group 27 herbicide following an application of HUSKIE PRE in the same crop. **Exception: Winter wheat grown in Eastern Canada Only:** after a pre-emergence application of HUSKIE PRE, a single in-crop application with one of the following Group 27 herbicides may be applied: Infinity Herbicide, Infinity FX or Velocity M3 All-In-One Herbicide.
- Under cool and/or dry conditions activity may be reduced or delayed. Weed control may also be reduced if application is made when weeds are dust covered or in the presence of heavy dew, fog, or mist/rain.
- Avoid overlapping; shut off spray boom while starting, turning, slowing or stopping to prevent injury to succeeding crops.
- Follow directions under Section 8 for the correct rate and timing of application.
- HUSKIE PRE delivered via drift or tank contamination can cause severe damage to other crops. Careful management of spray drift and tank cleanout is required (refer to section 9.3- SPRAY DRIFT MANAGEMENT and section 12-SPRAYER CLEAN-UP).

9.2 GROUND APPLICATION

Apply HUSKIE PRE by ground equipment only.

Ground Broadcast Treatment:

- Accurately calibrate the sprayer prior to mixing the herbicide treatments.
- Apply HUSKIE PRE in a minimum of 46.8 L/ha of total spray volume. Sprayable fluid fertilizer (nitrogen solution) may replace all or part of the water as a carrier for preplant and pre-emergence applications. Check for compatibility by combining all ingredients in a small container in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear 5-15 minutes after mixing.
- Ensure you read the tank-mix partner label for minimum spray volume recommendations.

- Uniform, thorough coverage is important to obtain consistent weed control. Higher water volumes should be used under dense weed canopies to ensure thorough coverage of the target weeds.
- Refer to the nozzle manufacturer's recommendations for proper nozzle, pressure setting and sprayer speed for optimum product performance and minimal spray drift.
- For best results use flat fan nozzles or comparable nozzles to achieve uniform spray distribution.
- Do not use flood jet nozzles, controlled droplet application equipment or Sprafol® equipment.

9.3 SPRAY DRIFT MANAGEMENT AND SPRAY BUFFER ZONES

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.

DO NOT apply by air.

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, rangelands, riparian areas 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	Crop	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Wheat (spring, durum, winter), triticale, barley	1	1	1	1	5

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 Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

9.4 ADDITIONAL ENVIRONMENTAL PRECAUTIONS

- Do not apply, drain, or flush spray 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.
- 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.

9.5 ROTATIONAL CROPS AND FIELD BIOASSAY

Only the following crops have been field tested to indicate they may be safely planted at the prescribed interval after an application of HUSKIE PRE. To avoid the possibility of injury to subsequent crops after an application of the recommended rate of HUSKIE PRE, follow the crops and replanting interval which appear on this label, and if tank mixing on the label of the tank mix partner, and always observe the most restrictive replanting interval.

A field bioassay must be conducted the year prior to growing any other crop of interest to confirm crop safety. Failure to follow the rotational cropping guidelines could result in injury to seeded crop(s).

Rotational Crop	Re-cropping Interval
Wheat (spring, durum, winter), triticale (spring and winter), barley (spring and winter)	immediate plant back ¹
Alfalfa	The year following an application of HUSKIE PRE
Canaryseed	
Canola	
Corn, field ²	
Flax, including low linolenic acid varieties	
Peas, field ³	
Potatoes	
Soybeans ²	
Sunflower	
Tame oats	
Tomatoes (transplants) ²	
Lentils	22 months

¹ In the event that crop treated with HUSKIE PRE is lost due to environmental conditions and re-seeding is required, wheat (spring, durum, winter), triticale (spring and winter) and barley (spring and winter) may be reseeded immediately. Do not make a second application of HUSKIE PRE.

² Eastern Canada and Manitoba only.

³ Field peas may be grown the year following a HUSKIE PRE application in all Black, Grey-Wooded and Dark Brown soil zones. **DO NOT** plant field peas the year following a HUSKIE PRE application in the Brown soil zone where soil pH is above 7.5 and precipitation was less than 125 mm from June 1st until September 1st of the year of application.

FIELD BIOASSAY:

Select a representative area or areas of the field previously treated with HUSKIE PRE to plant your bioassay crop(s). Be sure to consider factors such as size of field, soil texture, drainage and turn-around areas when selecting the site(s) that are most representative of the conditions in the field. On large fields, more than one site may be needed in order to obtain reliable results. Plant the test strips perpendicular to the direction in which the field was sprayed. The strips should be long enough to cross the width of several spray swaths. Large test strip areas are more reliable than small ones. Use standard tillage and seeding equipment to plant the bioassay. Prepare a seed bed and plant the crops and varieties you want the option of growing the following year. It is important to use the same planting time, conditions, techniques and cultural practices you normally use to plant and grow the bioassay crop(s). Also, plant into an adjacent area not treated with HUSKIE PRE to use as a comparison. As the crop(s) emerges and grows, examine these key points in HUSKIE PRE -treated and non-treated areas:

- crop stand
- root development
- rate of growth
- plant colour and vigour
- yield

Allow the bioassay crop(s) to grow to maturity while making your observations. Do not overspray the test strips with herbicides that may damage the bioassay crop(s). If the bioassay indicates that HUSKIE PRE residues are still present, continue cropping only to those crops listed on the label, and do not rotate to other crops until bioassay results indicate that susceptible crops are growing normally. **DO NOT ROTATE TO OTHER CROPS UNTIL BIOASSAY INDICATES NORMAL GROWTH WITH NO YIELD REDUCTIONS.**

SECTION 10: RESTRICTED-ENTRY INTERVAL

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

SECTION 11: MIXING INSTRUCTIONS

HUSKIE PRE must be applied with clean and properly calibrated equipment. Prior to adding HUSKIE PRE, ensure that the spray tank, filters and nozzles have been thoroughly cleaned and that agitation system is properly working.

1. Fill spray tank with $\frac{1}{4}$ to $\frac{1}{2}$ of the required volume of water or liquid fertilizer (nitrogen solution) prior to the addition of HUSKIE PRE.
2. Add HUSKIE PRE slowly to the tank and agitate, then add the rest of the water or liquid fertilizer (nitrogen solution) to the desired level.
3. Maintain sufficient agitation to ensure a uniform spray mixture during application.
4. Add tank mix partner.
5. Continue to fill the tank with water or liquid fertilizer (nitrogen solution) to the desired volume while agitating.

Proper agitation should be maintained while applying to ensure a uniform spray mixture. Do not allow mixtures to stand for prolonged periods of time. If the spray solution is allowed to settle for one hour or more, reagitrate the spray solution for a minimum of 10 minutes before application.

SECTION 12: SPRAYER CLEANUP

Mixing and spray equipment, including pumps, nozzles, lines and screens must be thoroughly cleaned with a good quality tank cleaner to remove remaining traces of herbicide that might injure other crops. Before and after using HUSKIE PRE always complete a thorough cleaning of the spray tank, lines and filters. Mix only as much cleaning solution as needed. The following procedures are recommended:

1. Drain any remaining spray solution of HUSKIE PRE from the spray tank and flush tank, hoses, boom and nozzles with clean water.
2. Use a pressure washer to clean the inside of the spray tank with this solution. Take care to wash all parts of the tank, including the inside top surface. If a pressure washer is not available, completely fill the sprayer with the cleaning solution to ensure contact of the cleaning solution with all internal surfaces of the tank and plumbing. Start agitation in the sprayer and thoroughly recirculate the cleaning solution for at least 15 minutes. All visible deposits must be removed from the spraying system.
3. Flush hoses, spray lines, and nozzles for at least 1 minute with the cleaning solution.
4. Dispose of rinsate from steps 1-3 in accordance with provincial regulations.
5. Repeat steps 2-4.
6. Wash away any spray mixture from the outside of the spray tank, nozzles or spray rig.
7. Remove nozzles, screens and strainers and clean separately in the ammonia solution after completing the above procedures.
8. Rinse the complete spraying system with clean water.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Consult the label of the tank-mix partners for any additional sprayer clean-up instructions.

SECTION 13: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that HUSKIE PRE is both a Group 27 and a Group 6 herbicide. Any weed population may contain or develop plants naturally resistant to Group 27 and/or Group 6 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same fields. 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:

1. Where possible, rotate the use of HUSKIE PRE or other Group 27 and/or 6 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
2. 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.
3. 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.

4. 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 using an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
5. Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
6. 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.
7. For further information or to report suspected resistance contact Bayer via internet at www.cropscience.bayer.ca or phone 1-888-283-6847.

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