

[Container Label]

GROUP	2	HERBICIDE
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CRAYON

Herbicide
Wettable granules

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND THE PEACE RIVER REGION AND INTERIOR
OF BRITISH COLUMBIA ON: WHEAT (SPRING, WINTER AND DURUM), BARLEY, OATS.

COMMERCIAL

READ THE LABEL AND THIS LEAFLET BEFORE USING

ACTIVE INGREDIENT: Chlorsulfuron 75%

REGISTRATION NO. 35752 PEST CONTROL PRODUCTS ACT

POISON



WARNING
EYE AND SKIN IRRITANT

NET CONTENTS: 500 g

SHARDA Cropchem Limited
2nd Floor, Prime Business Park
Dashrathlal Joshi Road
Vile Parle (West)
Mumbai - 400056, India

Canadian Agent:
SHARDA Cropchem Limited
63 Kingsview Blvd
Etobicoke, Ontario, CA
M9R 1V1
1-844-810-5720
1-416-840-5639

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN**
- Harmful if inhaled. Avoid breathing spray mist.
- Causes eye irritation and may irritate the skin. **DO NOT** get in eyes and avoid contact with skin and clothing.
- Do not contaminate any body of water.
- Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab.
- 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** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.
- **DO NOT** apply by air.

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. Wash contaminated clothing before reuse.

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 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.

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

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

Toxic to aquatic organisms and 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 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. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

STORAGE:

Store this product away from food or feed. Store product in original container only, away from other pesticides or fertilizer. Not for use or storage in or around the home. Keep container closed.

DISPOSAL:

Disposal of 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 or territorial requirements.

For information on the disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill and for cleanup 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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IMPORTANT: READ BEFORE USING

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 crops.

AGRICULTURAL:

CRAYON is recommended for use on crop land in Western Canada (Prairie Provinces and the Peace River Region and Interior of British Columbia) on soils of pH 7.5 or less and rotations dominated by cereal grain production. The soil residual activity of CRAYON can injure crops other than wheat, barley, or oats for 2-3 years or more in the black and grey wooded soils or 3-4 years or more in the brown and dark brown soil areas. Before using CRAYON, carefully consider your crop rotation plans and options. Carefully observe sprayer clean-up instructions, as spray tank residue may damage crops other than wheat, spring oats, or barley. DO NOT APPLY BY AIR.

CRAYON should not be used at higher than indicated use rates or on soils with a pH higher than 7.5. For rotational flexibility, do not treat all your wheat, barley, or oats. See "Minimum Recropping Interval and Crop Rotation Guidelines."

To avoid washing of the herbicide to non-target areas, avoid applying CRAYON during extremely rainy periods or when soils have been heavily saturated. Do not apply to sites that slope into fields unless the areas are separated by a ditch. Do not spray where run-off may carry the herbicide onto agricultural land or other desirable vegetation or into any water sources that may be used for irrigation purposes.

GENERAL INFORMATION

CRAYON application is recommended for selective control or suppression of certain broadleaf weeds as a spring postemergence treatment in wheat (spring, winter, or durum), barley or oats. It is noncorrosive, nonflammable, nonvolatile and does not freeze. Wheat, barley, or oats may be grazed by or fed to livestock anytime after treatment.

Rainfall, soil temperature, and soil pH are important factors affecting CRAYON breakdown in soil. CRAYON breakdown is more rapid under conditions of low soil pH, high soil temperature, and high soil moisture. The breakdown process is slower under conditions of high soil pH, low soil temperature and low soil moisture.

CRAYON should not be used on Agricultural land where soil pH is higher than 7.5 as extended soil residual activity may adversely affect crop rotation options beyond usual intervals.

IMPORTANT:

UNLESS OTHERWISE SPECIFIED IN THE "MINIMUM RECROPPING INTERVAL AND CROP ROTATION GUIDELINES" SECTION OF THIS LABEL, Agricultural land previously treated with CRAYON cannot be rotated to crops other than wheat, oats, or barley until a FIELD BIOASSAY confirms that residues of "CRAYON" are not present. A FIELD BIOASSAY involves growing a test strip of the crop(s) intended for production the following year in fields previously treated with CRAYON. Crop response will indicate whether or not to rotate to the crop(s) used in the test strip. See "Field Bioassay" section of label. Failure to follow these instructions could result in injury to subsequent crops.

CRAYON controls susceptible annual weeds by both foliar and root uptake.

Best control of emerged annual weeds is obtained when weeds are actively growing, and when CRAYON is applied to small weeds (less than 10 cm tall). Warm, moist growing conditions promote active weed growth and enhance the activity of CRAYON; weeds stressed by moisture or temperature extremes may be less susceptible and incomplete weed kill may result. Residual control of weeds germinating after spray application is achieved when CRAYON is carried into the seedling root zone by rainfall. For best results, sufficient rainfall to move CRAYON 5 to 7 cm deep into the soil is required after application, before weeds develop an established root system and grow beyond the seedling stage.

CRAYON rapidly inhibits growth of susceptible weeds. However, typical symptoms (discoloration) of dying weeds may not be noticeable for 1 to 3 weeks after application depending on growing conditions and weed susceptibility. Degree of control, and duration of effect depend on the rate used, weed sensitivity and weed size, growing conditions at and following treatment, precipitation, soil organic matter and pH.

AGRICULTURAL 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.

TANK MIXTURES

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 SHARDA Cropchem Limited at 1-844-810-5720 for information before applying any tank mix that is not specifically recommended on this label.

SURFACTANT

CRAYON must be applied with a recommended surfactant (see Postemergence Applications in Crop) when used alone, or when tank mixed with 2,4-D or MCPA. For mixing instructions see Spray Preparation section.

WEED CONTROL:

Best results are obtained when CRAYON is applied to small (less than 10 cm tall) actively growing weeds. CRAYON will provide soil residual control of later germinating weeds if sufficient rainfall moves CRAYON into the germinating weed root zone prior to weed seedling establishment. The length of residual control is dependent upon soil type, soil pH and rainfall conditions. Low soil pH, and moist soil will reduce length of

residual control. Weed control may be reduced if CRAYON is applied after the crop canopy has closed in over the weeds and intercepts the spray. No more than 15 grams per hectare of CRAYON should be applied per crop year. For results consistent with label claims do not apply less than 15 grams per hectare.

POSTEMERGENCE APPLICATIONS IN CROP:

For resistant weed management the use of CRAYON with 2,4-D or MCPA is recommended. See "Use Precautions" and "Tank Mix" sections of label.

CRAYON Plus 2,4-D (Amine and Ester) For Wheat and Barley (Do Not Use on Oats):

Apply CRAYON at 15 grams per hectare tank mixed with 2,4- D Amine 500 Herbicide at 0.84-1.1 litres per hectare. Or 2,4-D Ester 700 at 600-800 milliliters per hectare (or acid eq`ivalent) plus a recommended surfactant such as Ag-surf@*, Agral 90@**, Citowett Plus@ at 1 litre per 1000 litres of spray solution.

*Choose one of IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II, or Weedaway Ag-Surf II.

**Choose one of Agral 90 Non-Ionic Wetting & Spreading Agent Liquid or Agral 90 Non-Ionic Liquid Wetting & Spreading Agent.

Apply the tank mix from the full 3-leaf stage to just before the flag leaf stage of wheat and barley. This tank mix will control:

Annual sunflower	Prickly lettuce
Ball mustard	Redroot pigweed
Canada thistle†	Russian pigweed
Cowcockle	Russian thistle
Flixweed	Shepherd's purse
Greensmartweed	Stinkweed
Hemp nettle	Stork's-bill
Kochia	(Spring seedling)
Lady's thumb	Sweet clover
Lamb's-quarters	Volunteer rapeseed
Narrow-leaved hawk'sbeard	Wild mustard
Plantain	Wild buckwheat†

†Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigor) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

At 15 g/ha one 500 g container of CRAYON treats 33.3 hectares (82 acres).

SPECIFIC WEED CONTROL RECOMMENDATIONS:

CANADA THISTLE - For best top growth control, apply CRAYON plus 2,4-D with surfactant to emerged, actively growing thistles up to the bud stage. Later emerging or mature thistles will not be controlled. A single application will effectively inhibit the ability of emerged Canada thistle to compete with crop.

WILD BUCKWHEAT - Apply CRAYON plus 2,4-D with surfactant to actively growing wild buckwheat in the 1-3 leaf stage. Under dry conditions control may be reduced. Large plants may regrow after treatment.

Consult the 2,4-D label for additional application instructions and use precautions. Ensure that CRAYON is completely in suspension in the spray tank before adding 2,4-D. On repeat tank loads, prepare a CRAYON/water slurry and add it to the required water volume in the spray tank prior to adding 2,4-D.

CRAYON plus MCPA (Amine and Ester) For Wheat, Barley and Oats.

Apply CRAYON at 15 grams per hectare plus MCPA Amine or Ester 500 at 0.7-1.1 litres per hectare (or acid equivalent) with a recommended surfactant such as Agsurf®, Agral 90®** or Citowett Plus® at 1 litre per 1000 litres of spray solution.

*Choose one of IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II, or Weedaway Ag-Surf II.

**Choose one of Agral 90 Non-Ionic Wetting & Spreading Agent Liquid or Agral 90 Non-Ionic Liquid Wetting & Spreading Agent.

Apply the tank mix from the full 3-leaf stage to just before the flag leaf stage of wheat, barley and oats. This tank mix will control:

Annual sunflower	Plantain
Burdock	Prickly lettuce
Cowcockle	Redroot pigweed
Flixweed	Russian pigweed
Green smartweed	Shepherd's purse
Hemp nettle	Stinkweed
Kochia	Stork's-bill
Lady's-thumb	Volunteer rapeseed
Lamb's-quarters	Wild mustard

At 15 g/ha one 500 g container of CRAYON treats 33.3 hectares (82 acres).

Consult the MCPA label for additional application instructions and use precautions. Ensure that CRAYON is completely in suspension in the spray tank before adding MCPA. On repeat tank loads, prepare a CRAYON/water slurry and add it to the required water volume in the spray tank prior to adding MCPA.

CRAYON TANK MIXES FOR BROADLEAF AND GRASSY WEED CONTROL

Apply CRAYON at 15 grams per hectare tank mixed with one of the following grass control products. Do not add 2,4-D or MCPA to these tank mixes. Follow the specific recommendations for each tank mix.

CRAYON at 15 grams per hectare will control:

Cow cockle	Redroot pigweed
Flixweed	Shepherd's-purse
Green smartweed	Stinkweed
Hemp-nettle	Stork's-bill
Lady's-thumb	Volunteer rapeseed
Lamb`s-quarters	Wild mustard

At 15 g/ha one 500 g container of CRAYON treats 33.3 hectares (82 acres).

MINIMUM RECROPPING INTERVAL & CROP ROTATION GUIDELINES**IMPORTANT:**

Recropping and rotation options are determined by soil pH, organic matter, interval between application and planting, soil type, rainfall and/or the results of a field bioassay (see Field Bioassay section). Crops vary considerably in their sensitivity to CRAYON. Under certain conditions, the residual activity of CRAYON can injure crops other than wheat, barley, or oats for 2-3 years or more in black and grey wooded soils or 3-4 years or more in the brown and dark brown soil areas.

The following recropping and rotation intervals should be observed after using CRAYON unless a successful field bioassay has been completed. The minimum recropping or rotation interval is from the time of last application to the anticipated date of planting.

INTERVAL PRIOR TO PLANTING (MONTHS):

Soil pH	Soil Zone	W	DW	BO	R	P	F	L
7.0 or lower	Black and grey wooded with organic matter over 5%	2	10	10	22	34	48	48
	Brown & Dark Brown	2	10	10	34	‡	‡	‡
7.1-7.5	Black & Grey Wooded with organic matter over 5%	2	10	22	34	34	‡	‡
	Brown & Dark Brown	2	10	22	‡	‡	‡	‡
Over 7.5	Do Not Use							

W = Spring and winter wheat; DW = Durum wheat; BO = Barley and oats; R = rapeseed; F = flax; L = lentils.

Unless soil pH, soil zone, crop, or minimum rotation interval is specified in the above table, the completion of a successful field bioassay is required before planting a crop in soil treated with CRAYON. For crop rotation flexibility, do not use CRAYON on all of your crop land.

‡Refer to Field Bioassay section of label for complete instructions

NOTE:

If rainfall is less than 250 millimeters in the black/grey wooded or 130 millimeters in the brown or dark brown soil zones in any year between CRAYON application and planting of rapeseed, peas, flax or lentils, extend the rotation interval one year, unless a field bioassay confirmed the absence of CRAYON residues.

FIELD BIOASSAY:

Select a representative area or areas of the field previously treated with CRAYON 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 soil 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 CRAYON to use as a comparison.

With crop emergence and growth, examine these key points in CRAYON treated and non-treated areas:

crop stand	rate of growth	development of root system
plant colour and vigor	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 CRAYON residues are still present, continue planting only those crops listed on the label, and do not rotate to other crops until bioassay results indicate that susceptible crops are growing normally.

SPRAY PREPARATION:

Equipment – Spray Volume

Apply the spray mixture with ground equipment only. Use a properly calibrated sprayer that will provide thorough coverage of the weeds with the spray. Apply a minimum of 60 litres per hectare total spray volume with flat fan nozzles. When using flood jet or "Raindrop" nozzles apply 225 litres per hectare total spray volume. Use 50-mesh screens or larger.

Use higher spray volumes when crop canopy is dense and/or weeds are large. Apply uniformly and avoid overlapping. Shut off spray booms while starting, turning, slowing, or stopping to prevent crop injury from over-application.

MIXING INSTRUCTIONS:

1. Add the proper amount of CRAYON to the required volume of water in the spray tank with the agitator running. Continuous agitation is required to keep the product in suspension.
2. After CRAYON has been well mixed and is in suspension, add the recommended second herbicide and/or the appropriate amount of a spray adjuvant such as Agsurf*, Agral 90** or Citowett Plus or any other adjuvant registered for use with CRAYON. Use 1 litre of surfactant for each 1000 litres of spray mixture. An anti-foaming agent may be needed to reduce foaming. Do not allow spray mixture to remain in the tank for more than 24 hours before spraying, or effectiveness may be reduced. Use vigorous agitation to thoroughly disperse spray mixtures that have been allowed to stand in the tank.

*Choose one of IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II, or Weedaway Ag-Surf II.

**Choose one of Agral 90 Non-Ionic Wetting & Spreading Agent Liquid or Agral 90 Non-Ionic Liquid Wetting & Spreading Agent.

NOTE:

Do not allow spray to drift onto adjacent crops or onto agricultural land scheduled to be planted to crops other than wheat, durum, barley or oats as injury to the crop may occur. Extreme care must be taken to prevent drift onto desirable plants or non-target agricultural land.

SPRAYER CLEAN-UP:

1. To avoid subsequent injury to sensitive crops (other than wheat, barley or oats), thoroughly remove all traces of CRAYON from mixing and spray equipment immediately after spraying as follows:
2. Drain tank; then flush tank, boom and hoses with clean water for a minimum of 10 minutes. Visually inspect tank to assure removal of all visible residues of CRAYON. If necessary, repeat step 1.
3. Fill the 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.
4. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
5. Repeat Step 2.
6. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing water through the hoses and boom.

CAUTION:

Do not use chlorine bleach with ammonia. All traces of liquid fertilizer containing ammonia, ammonium nitrate or ammonium sulphate must be rinsed with water from the mixing and application equipment before adding chlorine bleach solution. Failure to do so will release a gas with a musty chlorine odor, which can cause eye, nose, throat and lung irritation. Do not clean equipment in an enclosed area.

SPRAY PREPARATION:

1. Add the proper amount of CRAYON to the required volume of water in the spray tank with the agitator running. Select a spray volume that will assure thorough coverage and uniform spray pattern. Do not use less than 100 litres of water per hectare. Spray volumes of 200 to 400 litres per hectare are preferred. Continuous agitation is required to keep CRAYON in suspension.
2. After CRAYON has been well mixed and is in suspension, add the appropriate amount of spray adjuvant such as Agsurf*, Agral 90**, or Citowett Plus, or any other adjuvant registered for use with CRAYON. Use one litre of surfactant for each 1,000 litres of spray mixture. An anti-foaming agent may be needed to reduce foaming. To reduce drift, an approved drift control agent or drift control system may be used. Do not allow spray mixture to remain in the tank for more than 24 hours before spraying, or effectiveness may be reduced. Use vigorous agitation to thoroughly disperse spray mixtures that have been allowed to stand in the tank before resuming spraying.

*Choose one of IPCO Ag-Surf Original, Weedaway Ag-Surf Liquid Spray Adjuvant, IPCO Ag-Surf II, or Weedaway Ag-Surf II.

**Choose one of Agral 90 Non-Ionic Wetting & Spreading Agent Liquid or Agral 90 Non-Ionic Liquid Wetting & Spreading Agent.

APPLICATION TECHNIQUES:

Apply the spray mixture with ground equipment only. Use a properly calibrated sprayer that will provide thorough coverage of the weeds with the spray. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping while spraying rough turf as injury to the desired species may result.

Do not allow spray to drift onto agricultural land or severe crop injury may result. Extreme care must be taken to prevent drift.

To avoid washing of the herbicide to non-target areas, avoid applying CRAYON during extremely rainy periods or when soils have been heavily water saturated. Do not apply to sites that slope into fields unless the areas are separated by a ditch. Do not spray where run-off may carry the herbicide onto agricultural land or other desirable vegetation or into any water sources that may be used for irrigation purposes.

Field sprayer application: DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) Coarse classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

SPRAY BUFFER ZONES:

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, 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/Site	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat:
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Wheat, barley, oats	1	1	N/A	N/A	15

N/A = Not applicable (Spray buffer zones for the protection of estuarine/marine habitats are not applicable for uses registered only in the Prairie provinces (Manitoba, Saskatchewan, Alberta) and the interior of British Columbia, including the Peace River Region.

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 (ASABE) category indicated on the labels for those tank mix partners.

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

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, CRAYON is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to CRAYON 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 CRAYON 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), 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 Sharda Cropchem Limited at 1-844-810-5720.

USE PRECAUTIONS:

- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls, or calcium deposits.

- Do not use on Agricultural soils above pH 7.5.
- Because crop varieties differ in their tolerance to herbicides, limit first Agricultural use of CRAYON on a new variety to a small area prior to adoption as a field practice.
- Do not apply to wheat, barley or oats, underseed to forage crops as injury to the underseeded crops will occur.
- Do not apply to irrigated land.
- Do not contaminate irrigation water.
- Under certain conditions such as heat, stress or heavy rainfall immediately after treatment, temporary discoloration of treated crops may occur.
- Do not exceed a total of 15 g per hectare per crop period.
- Crop stress conditions such as severe weather conditions, drought, water saturated soil, saline soils, disease, or insect damage, before or after application of CRAYON may predispose the crop to injury. Under such conditions, use of CRAYON may reduce the recovery rate of the crop.
- Do not use in areas where erosion might move treated soils into streams, lakes or ponds.
- Do not spray over running water in ditches.
- Do not spray over standing water in ditches if that supply is used for irrigation.
- DO NOT apply this product more than once per growing season.

The additive effects of soil residues from the use of CRAYON herbicide and ASSERT Technical Herbicide on the same land has not been determined. Crop rotation guidelines and minimum rotation intervals are not known and injury to rotational crops other than wheat (excluding durum) may occur. Wherever land will be treated with CRAYON herbicide and has been or will be treated with ASSERT Technical Herbicide plant only wheat (excluding durum) after both herbicides have been used until a bioassay (see bioassay section of the CRAYON label) demonstrates that other crops can be successfully grown.

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.