

2024-5495  
2024-11-14

<container label>  
[indicates optional text]

Group	2	Herbicide
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## IPCO SPHERE

WETTABLE  
GRANULES

Selective Herbicide

FOR USE ON WHEAT (SPRING, WINTER OR DURUM), BARLEY AND OATS

COMMERCIAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

**ACTIVE INGREDIENT:** Thifensulfuron methyl 50% Tribenuron methyl 25%

WARNING – EYE AND SKIN IRRITANT

REGISTRATION. NO.: 3 5 3 3 5

PEST CONTROL PRODUCTS ACT

**NET CONTENTS:** 0.02 kg – 13.6 kg

Interprovincial  
Cooperative Limited  
P.O. Box 1050,  
Saskatoon,  
Saskatchewan  
S7K 3M9  
1-204-233-3461

IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING, CALL 1-888-CAN-  
UTEC (226-8832)

**PRECAUTIONS:**

- **KEEP OUT OF REACH OF CHILDREN.**
- Avoid breathing spray mist. Use with adequate ventilation.
- Avoid contact with skin, eyes and clothing.
- Do not contaminate any body of water.
- May be harmful if swallowed, inhaled or absorbed through skin.
- Causes eye and skin irritation.
- When using, do not eat, drink or smoke. Wash skin thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use. Store and wash contaminated clothing separately from household laundry before re-use.
- Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves and socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear a face shield during mixing and loading. Chemical-resistant gloves are not required while operating groundboom sprayers.

**ENVIRONMENTAL PRECAUTIONS:**

- **TOXIC** to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE. Refer to attached booklet for more information.

**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 the product name and Pest Control Product Registration Number with you when seeking medical attention.

For medical emergencies call 1-888-CAN-UTEC (226-8832).

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**STORAGE:**

Store this product away from food or feed. Not for use or storage in or around the home. Keep container closed.

**DISPOSAL:**

**Recyclable Containers**

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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.

**If this is a refillable container:**

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.

**If this is a returnable container:**

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

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.

**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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booklet

WETTABLE GRANULES

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COMMERCIAL

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**PRECAUTIONS:**

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- Avoid breathing spray mist. Use with adequate ventilation.
- Avoid contact with skin, eyes and clothing.
- Do not contaminate any body of water.
- May be harmful if swallowed, inhaled or absorbed through skin.
- Causes eye and skin irritation.
- When using, do not eat, drink or smoke. Wash skin thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use. Store and wash contaminated clothing separately from household laundry before re-use.
- Do not apply by air.
- Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves and socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear a face shield during mixing and loading. Chemical-resistant gloves are not required while operating groundboom sprayers.
- **Do not** enter or allow worker entry into treated areas for 12 hours after application.

**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 of this product when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

**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 the product name and Pest Control Product Registration Number with you when seeking medical attention.

For medical emergencies call 1-888-CAN-UTEC (226-8832)

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**IMPORTANT**

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, recreational grounds 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.

DO NOT apply by air.

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Carefully observe sprayer clean-up instructions, as spray tank residues may damage crops other than wheat, barley or oats.

APPLY WITH A SURFACTANT REGISTERED FOR USE WITH IPCO SPHERE

### GENERAL INFORMATION

IPCO SPHERE is recommended for selective postemergence control or suppression of broadleaf weeds in wheat (spring, winter or durum), barley and oats. IPCO SPHERE is a 75% active ingredient herbicide formulated as a dry flowable dispersible granule. IPCO SPHERE is to be mixed with water and a recommended surfactant and applied as a uniform broadcast spray. It is noncorrosive, nonflammable, nonvolatile and does not freeze.

IPCO SPHERE MUST be applied with a recommended surfactant, early postemergence, to the main flush of actively growing broadleaf weeds. Recommended surfactants are AGRAL\* 90, AG-SURF\*, HIACTIVATE NON-IONIC LIQUID SPREADER/ACTIVATOR and CITOWETT® PLUS.

IPCO SPHERE is a Group 2 herbicide and may only suppress or not control Group 2 resistant weeds.

Warm, moist growing conditions promote active weed growth and enhance the activity of IPCO SPHERE by allowing maximum foliar uptake and contact activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and regrowth may occur. APPLY IPCO SPHERE WITH GROUND EQUIPMENT ONLY. For best results, ensure thorough spray coverage of target weeds. See "APPLICATION INSTRUCTIONS" section of this label for complete use details.

IPCO SPHERE stops growth of susceptible weeds rapidly. However, typical symptoms (discolouration) of dying weeds may not be noticeable for 1 to 3 weeks after application, depending upon growing conditions and weed susceptibility. Degree of control and duration of effect are dependent on weed sensitivity, weed size, crop competition, growing conditions at and following treatment, and spray coverage.

The following crops may be planted two months after an application of IPCO SPHERE: canola, flax, lentils and alfalfa.

### DIRECTIONS FOR USE

- DO NOT re-enter treated fields until 12 hours after application.
- Apply to agricultural crops only when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

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:**

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, riparian areas, and shrublands), sensitive

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freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Terrestrial habitat	Aquatic habitat of depths:	
		Less than 1m	Greater than 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 Pesticides portion of the Canada.ca website.

### 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 Interprovincial Cooperative Ltd. at 1-204-233-3461 for information before applying any tank mix that is not specifically recommended on this label.

### IPCO SPHERE Alone Wheat (Spring, winter and durum), Barley and Oats

Apply 20 grams of IPCO SPHERE per hectare with a surfactant which is recommended for use with IPCO SPHERE at 2.0 litres per 1,000 litres of spray volume (see "Mixing Instructions" section of this label). Apply postemergence when the crop is in the two-leaf to flag leaf (shot blade) stage of growth, (prior to head emergence) but before the crop canopy will prevent thorough coverage of target weeds. For best results apply to emerged, young, actively growing weeds that are less than 10 cm tall or across. Thorough coverage of target weeds is essential.

### WEEDS CONTROLLED:

Annual smartweed (green smartweed, lady's thumb)	Narrow-leaved hawk's-beard
Ball mustard	Redroot pigweed
Chickweed <sup>2</sup>	Russian thistle
Corn spurry	Shepherd's purse
Cow cockle	Stinkweed
Flixweed	Tartary buckwheat
Groundsel, common	Volunteer rapeseed <sup>6</sup>
Hemp-nettle	Volunteer sunflower
Kochia	Wild buckwheat <sup>3</sup>

Lamb's-quarters

Wild mustard

**WEEDS SUPPRESSED:**

Canada thistle<sup>1</sup>  
Cleavers (1 to 3 whorls)  
Round-leaved mallow<sup>4</sup>  
Scentless chamomile  
Sow thistle<sup>1</sup>  
Stork's-bill (2-6 leaf) Toadflax<sup>5</sup>

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

**Specific Weed Recommendations:**

1. Canada thistle, Sow thistle: Apply IPCO SPHERE plus recommended surfactant postemergence when the majority of the thistles have emerged and are actively growing. For best top growth control, apply when thistles are no larger than 15 cm tall, before bud stage, and before crop canopy prevents thorough coverage of thistles. A single application will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be controlled.
2. Chickweed: Apply IPCO SPHERE plus recommended surfactant when the chickweed is small (1-6 leaf) and actively growing but before crop canopy prevents thorough coverage of weeds. Chickweed emerging after application will not be controlled.
3. Wild Buckwheat: Apply IPCO SPHERE plus surfactant to actively growing wild buckwheat in the cotyledon - 3 leaf stage. Under stress conditions such as dry weather control may be reduced. Large plants may regrow after treatment.
4. Round-leaved Mallow: Apply IPCO SPHERE plus a surfactant to actively growing round leaved mallow in the 2-6 leaf stage (10-12 cm in height). IPCO SPHERE will keep mallow stunted but may not reduce the overall populations.
5. Toadflax: Apply IPCO SPHERE plus recommended surfactant when toadflax is no taller than 15 cm in height. A control program for this weed includes both frequent tillage and chemical application.
6. Volunteer rapeseed: IPCO SPHERE alone will not control imazamox and imazethapyr tolerant canola, (e.g. Clearfield\* canola)

**NOTE:**

Avoid making applications to weeds when rainfall is threatening. Rainfall within 4 hours will result in reduced weed control of IPCO SPHERE.

## **TANK MIXES WITH IPCO SPHERE**

### **IPCO SPHERE PLUS MCPA**

#### **Wheat (Spring, winter and durum), Barley and Oats**

Apply IPCO SPHERE at 20 grams per hectare plus MCPA Amine or Ester 500 at 0.7 - 1.1 litres per hectare or MCPA Ester 600 at 0.58 - 0.9 litres per hectare (or acid equivalent to deliver 350 – 560 or 540 grams active ingredient per hectare) plus a recommended surfactant at 2 litres per 1,000 litres of spray volume (see "Mixing Instructions" section of the label). NOTE: Adjuvant is not required when tank mixing with MCPA Ester. Apply the tank mix from the full 3-leaf stage to just before the flag leaf stage of wheat (spring, durum, winter), barley and oats. This tank mix will control:

Annual smartweed †	Prickly lettuce
Ball mustard	Ragweed ††
Burdocks (seedling)	Redroot pigweed
Chickweed	Russian pigweed ††
Cocklebur ††	Russian thistle
Corn spurry	Shepherd's purse
Cow cockle	Stinkweed
False ragweed ††	Tartary buckwheat
Flixweed	Tumble mustard
Giant ragweed ††	Volunteer rapeseed †††
Hare's-ear mustard	Wild buckwheat
Hempnettle	Plaintain (common)
Indian mustard	Wild mustard
Kochia ††	Wild radish
Lamb's-quarters	Wormseed mustard

† Green smartweed and lady's thumb

†† Use a minimum of 400 grams MCPA active ingredient per hectare.

††† Including imazamox and imazethapyr tolerant canola (e.g., Clearfield\* canola).

#### **WEEDS SUPPRESSED:**

Canada thistle  
Round-leaved mallow  
Scentless chamomile  
Sow thistle  
Stork's-bill (2-6 leaf) (MCPA Ester only)

Follow "Specific Weed Recommendations" for Canada and sow thistle, wild buckwheat, round-leaved mallow and chickweed.

#### **WEEDS CONTROLLED BY IPCO SPHERE PLUS MCPA (0.56 L/HA)**

Weeds controlled or suppressed by IPCO SPHERE alone plus volunteer imazamox and imazethapyr tolerant canola (e.g., Clearfield\* canola) (2-4 leaf stage).

### **IPCO SPHERE PLUS 2,4-D**

#### **Wheat or Barley –Do Not Use On Oats**

Apply IPCO SPHERE at 20 grams per hectare tank mixed with 2,4-D and a recommended surfactant. Rates and

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formulation of 2,4-D include:

1. 2,4-D Amine 500 at 0.84 - 1.1 litres per hectare or
2. 2,4-D Ester LV700 at 0.6 - 0.8 litres per hectare or
3. 2,4-D Ester LV600 at 0.7 - 0.9 litres per hectare or
4. Acid equivalent.

A recommended surfactant at 2 litres per 1,000 litres of spray volume must be added (see "Mixing Instructions" section of the label). Apply the tank mix from the full 3-leaf stage to just before the flag leaf stage of wheat (spring, durum, winter) and barley. **DO NOT USE ON OATS.**

**WEEDS CONTROLLED:**

Annual smartweed †	Prickly lettuce
Ball mustard	Redroot pigweed
Burdocks (seedling)	Russian pigweed
Chickweed	Russian thistle
Cocklebur	Shepherd's purse
Common ragweed	Stinkweed
Corn spurry	Stork's-bill
Cow cockle	(2-6 leaf)
False ragweed	(2,4-D ester only)
Flixweed	Sweet clover
Giant ragweed	Tartary buckwheat
Hare's-ear mustard	Tumble mustard
Hemp-nettle	Volunteer rapeseed ††
Indian mustard	Wild buckwheat
Kochia	Wild mustard
Lamb's-quarters	Wild radish
Plantain (common)	Wormseed mustard

† green smartweed and lady's thumb

†† including imazamox and imazethapyr tolerant canola varieties (e.g., Clearfield\* canola). Consult the 2,4-D label for appropriate use rates.

**WEEDS SUPPRESSED:**

Canada thistle  
Round-leaved mallow  
Scentless chamomile  
Sow thistle  
Toadflax (2,4-D Ester only)

Follow "Specific Weed Recommendations" for Canada and sow thistle, chickweed, wild buckwheat and round-leaved mallow.

**IPCO SPHERE + PUMA\* SUPER**

**Spring Wheat (Including Durum) and Barley**

**For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace River Region) Only**

APPLY:

IPCO SPHERE	at 20 grams per hectare
<b>Plus</b>	
PUMA* SUPER	at 0.5 or 1.0 Litres per hectare

A non-ionic surfactant is NOT required when IPCO SPHERE is tankmixed with PUMA\* SUPER.

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Apply the IPCO SPHERE + PUMA\* SUPER tankmix to spring and durum wheat at the 1 to 6-leaf plus 3 tillers stage or to barley at the 1 to 5-leaf plus 2 tillers stage. Apply the tankmix to annual grasses in the 1-6 leaf stage (up to emergence of third tiller).

**WEEDS CONTROLLED:**

Green Foxtail	(PUMA* SUPER at 0.5 or 1.0 L/ha)
Wild Oats	(PUMA* SUPER at 1.0 L/ha)

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Barnyard Grass (PUMA\* SUPER at 1.0 L/ha)

This tankmix will also control or suppress the broadleaf weeds listed for IPCO SPHERE alone at 20 grams/ha.

### **IPCO SPHERE + MCPA ESTER 500 + PUMA\* SUPER**

#### **Spring Wheat (Including Durum) and Barley**

**For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace River Region) Only**

APPLY:

IPCO SPHERE	at 20 grams per hectare
<b>Plus</b>	
MCPA ESTER 500	at 0.84 Litres per hectare
<b>Plus</b>	
PUMA* SUPER	at 0.5 OR 1.0 Litres per hectare

A non-ionic surfactant is NOT required when IPCO SPHERE is tankmixed with MCPA ESTER 500 + PUMA\* SUPER. Use ONLY MCPA ESTER 500 in this tankmix and only at the recommended rate or a decrease in wild oat control may be observed.

Apply the IPCO SPHERE + MCPA ESTER 500 + PUMA\* SUPER tankmix to spring and durum wheat at the 1 to 6- leaf plus 3 tillers stage or to barley at the 1 to 5-leaf plus 2 tillers stage. Apply to annual grasses in the 1-6 leaf stage (up to emergence of third tiller).

#### **WEEDS CONTROLLED:**

Green Foxtail (PUMA\* SUPER at 0.5 or 1.0 L/ha)  
Wild Oats (PUMA\* SUPER at 1.0 L/ha)  
Barnyard Grass (PUMA\* SUPER at 1.0 L/ha)

This tankmix will also control or suppress the broadleaf weeds listed for IPCO SPHERE at 20 grams/ha + MCPA ESTER 500 at 0.84 Litres/ha.

### **IPCO SPHERE + SLAM'R HERBICIDE**

#### **Spring Wheat (Including Durum) Only**

**For Use in the Prairie Provinces and Interior (including Peace River Region) of British Columbia Only**

For control of wild oats, apply IPCO SPHERE at 20 grams per hectare with SLAM'R HERBICIDE at 230 mL per hectare and 0.25% v/v of Albaugh Surfactant at the 2 leaf to flag leaf stage of the crop. Add IPCO SPHERE to the spray tank first, followed by SLAM'R HERBICIDE, and add Albaugh Surfactant last. A non-ionic surfactant is NOT required when IPCO SPHERE is tank mixed with SLAM'R HERBICIDE plus the Albaugh Surfactant.

For control of wild oats and green foxtail, apply IPCO SPHERE at 20 grams per hectare with SLAM'R HERBICIDE at 290 mL per hectare and 0.32% v/v of Albaugh Surfactant at the 2 leaf to flag leaf stage of the crop. Add IPCO SPHERE to the spray tank first, followed by SLAM'R HERBICIDE, and add Albaugh Surfactant last. A non-ionic surfactant is NOT required when IPCO SPHERE is tank mixed with SLAM'R HERBICIDE plus the Albaugh Surfactant.

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**WEEDS CONTROLLED:**

Wild Oats  
Green Foxtail

This tankmix will also control or suppress the broadleaf weeds listed for IPCO SPHERE alone at 20 grams per hectare.

**IPCO SPHERE + MCPA ESTER 500 + SLAM'R HERBICIDE**

**Spring Wheat (Including Durum) Only**

**For Use in the Prairie Provinces and Interior (including Peace River Region) of British Columbia Only**

**APPLY:**

IPCO SPHERE	at 20 grams per hectare
<b>Plus</b>	
MCPA Ester 500	at 0.84 - 1.1 L per hectare <b>OR</b> at 0.56 L per hectare
<b>Plus</b>	
SLAM'R HERBICIDE	at 230 mL per hectare
<b>Plus</b>	
Albaugh Surfactant	at 0.25% v/v

Apply at the 3 to flag leaf stage of the crop, to actively growing wild oats in the 1 to 6 leaf stage, prior to emergence of the 4<sup>th</sup> tiller, and to green foxtail in the 1 to 5 leaf stage, prior to emergence of the 3<sup>rd</sup> tiller.

**WEEDS CONTROLLED:**

Green Foxtail†  
Wild Oats

PLUS broadleaf weeds controlled by IPCO SPHERE and broadleaf weeds controlled by MCPA Ester 500 at 0.84-

1.1 L per hectare or volunteer imazamox and imazethapyr tolerant canola (e.g. Clearfield\* canola) (2-4 leaf stage) when MCPA Ester 500 is applied at 0.56 L per hectare.

†NOTE:

A reduction in control of green foxtail may be observed with the tankmix of IPCO SPHERE + SLAM'R + MCPA Ester 500

**IPCO SPHERE + ACCORD\* DF Herbicide + SLAM'R HERBICIDE**

**Spring Wheat (Including Durum) Only**

**For Use in the Prairie Provinces and Interior (including Peace River Region) of British Columbia Only**

IPCO SPHERE	at 20 grams per hectare
<b>Plus</b>	
ACCORD* DF Herbicide	at 67 grams per hectare
<b>Plus</b>	

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SLAM'R HERBICIDE	at 230 mL per hectare
Plus	
Albaugh Surfactant	at 0.25% v/v

Make application when the crop is in the 2-5 leaf stage, to actively growing wild oats in the 1 to 6 leaf stage, prior to emergence of the 4<sup>th</sup> tiller, and to green foxtail in the 1 to 5 leaf stage, prior to emergence of the 3<sup>rd</sup> tiller. Thorough coverage of foliage is important for consistent weed control. Do not graze the treated crops or cut for hay within 77 days.

**WEEDS CONTROLLED:**

Green foxtail
Wild oats
Cleavers (1-3 whorl)
PLUS broadleaf weeds controlled or suppressed by IPCO SPHERE

**IPCO SPHERE + LONTREL\* 360 or SPUR 360 HERBICIDE + 2,4-D ESTER or MCPA ESTER**

**Spring Wheat (Excluding Durum) and Barley Only. For Use in Western Canada Only.**

**APPLY:**

IPCO SPHERE	at 20 grams per hectare
<b>plus</b>	
LONTREL* 360 or SPUR 360 HERBICIDE	at 0.21 litres per hectare
<b>plus</b>	
MCPA Ester (500 g/L)	at 0.84 litres per hectare
<b>or</b>	
2,4-D Ester (600 g/L)	at 0.7 litres per hectare

Add a recommended non-ionic surfactant such as AGRAL\* 90, AG-SURF\*, HIACTIVATE NON-IONIC LIQUID SPREADER/ACTIVATOR or CITOWETT® PLUS at a rate of 0.2% of the final spray volume (i.e., 2.0 litres per 1000 litres of spray solution). See "Mixing Instructions" section of the label.

**WEEDS CONTROLLED:**

Canada thistle†  
Lady's thumb  
Perennial sow thistle  
Stinkweed  
Volunteer canola  
Wild buckwheat  
Wild mustard

† Provides seasonal control of Canada thistle

**WEEDS SUPPRESSED:**

Cleavers

PLUS: all other broadleaf weeds controlled or suppressed by IPCO SPHERE alone at 20 grams per hectare.

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Refer to the MCPA Ester or 2,4-D Ester labels for additional broadleaf weeds controlled at the rates recommended above.

DO NOT USE ON OATS.

### IPCO SPHERE + CURTAIL\* M

**Spring Wheat (excluding Durum) and Spring Barley Only.  
For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace River Region) Only**

APPLY:

IPCO SPHERE	20 grams per hectare
<b>plus</b>	
CURTAIL* M	1.5 litres per hectare
<b>plus</b>	
a recommended surfactant	at 2 litres per 1,000 litres of spray volume

See "Mixing Instructions" section of the label for proper mixing/application instructions. Ensure that IPCO SPHERE is completely in suspension in the spray tank before adding CURTAIL\*M.

Apply the tank mix from the full 3-leaf stage of spring wheat and spring barley.

#### **WEEDS CONTROLLED:**

Canada thistle†  
Wild buckwheat††

PLUS all other broadleaf weeds controlled or suppressed by IPCO SPHERE alone at 20 grams per hectare.

† Canada thistle: Apply IPCO SPHERE plus CURTAIL\* M plus a recommended surfactant postemergence after all the thistles have emerged, and are actively growing. For best control, apply when thistles are no larger than 15 cm tall, before bud stage and before canopy prevents thorough coverage of thistles. Later emerging thistles will not be controlled.

†† Wild buckwheat: Apply IPCO SPHERE plus CURTAIL\* M plus a recommended surfactant to actively growing wild buckwheat in the cotyledon to 5 leaf stage. Under stress conditions such as dry weather, control may be reduced. Large plants may regrow after treatment.

### IPCO SPHERE + ACCORD\* DF HERBICIDE

**SPRING WHEAT (including Durum) AND SPRING BARLEY (grown for feed purposes only). Not Underseeded to Forages.  
For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace River Region) Only**

APPLY:

IPCO SPHERE	at 20 grams per hectare
<b>plus</b>	
ACCORD* DF Herbicide	At 67 <b>OR</b> at 135-165 grams per hectare
<b>plus</b>	
MERGE* adjuvant	at 1.0% v/v (10 litres per 1000 litres spray volume)

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A non-ionic surfactant is NOT required when IPCO SPHERE is tank mixed with ACCORD\* DF Herbicide plus the MERGE\* adjuvant.

Make application when crop is in the 2-5 leaf stage. Use the 165 grams per hectare rate of ACCORD\* DF Herbicide when green foxtail is the target weed. Thorough coverage of foliage is important for consistent weed control. Do not apply this tank mixture more often than once every two years. Do not graze the treated crops or cut for hay within 77 days of application.

<b>WEEDS CONTROLLED WHEN ACCORD* DF HERBICIDE IS USED AT 135-165 GRAMS/HA</b>	<b>APPLICATION TIMING</b>
Green Foxtail	1-5 leaf, 2 tillers
Barnyard Grass	1-5 leaf
Volunteer Flax	1-8 cm
Cleavers	1-4 whorls
Annual Sowthistle	1-4 leaf
PLUS: Weeds controlled or suppressed by IPCO SPHERE alone	

Refer to the ACCORD\* DF Herbicide label for additional information on appropriate weed staging at application.

Do not graze the treated crops or cut for hay within 77 days (spring wheat, durum) or 80 days (spring barley) of application.

<b>WEEDS CONTROLLED WHEN ACCORD* DF Herbicide IS USED AT 67 GRAMS/HA</b>	<b>APPLICATION TIMING</b>
Cleavers	1-3 whorls
Annual Sowthistle	1-4 leaf
PLUS: Weeds controlled or suppressed by IPCO SPHERE alone	

#### **IPCO SPHERE + ATTAIN\* HERBICIDE TANK MIX**

**For Use on Spring Wheat (excluding Durum), and Spring Barley Only. Not Underseeded to Legumes. For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace River Region) Only**

APPLY:

IPCO SPHERE	at 20 grams per hectare
<b>plus</b>	
ATTAIN* Herbicide Tank Mix	Attain A (fluroxypyr) at 0.30 L/ha Attain B (2,4-D ester) at 0.50 L/ha
<b>plus</b>	
Adjuvants: AGRAL* 90, AG-SURF*, HIACTIVATE NON-IONIC LIQUID SPREADER/ACTIVATOR or CITOWETT*	at 2L/1000 litres of spray solution

Apply from the 4-leaf to flag-leaf stage of spring wheat or spring barley and seedling stage to 4-

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leaf/whorls of weed.

Mixing order is IPCO SPHERE, then Attain\* A then Attain\* B then adjuvant. Refer to MIXING DIRECTIONS section for general instructions. Use a spray volume of 100 L/ha.

Do not permit lactating dairy animals to graze fields within 7 days of application. Do not harvest forage or cut hay within 30 days after application. Withdraw meat animals from treated fields at least 3 days before slaughter. Do not harvest the treated mature crop within 60 days after application.

**WEEDS CONTROLLED:**

Weeds controlled or suppressed by IPCO SPHERE alone  
Cleavers (excluding Group 2 resistant cleavers).

**IPCO SPHERE + LONTREL\* 360 or SPUR 360 HERBICIDE**

**For Use on Spring Wheat (excluding Durum), and Spring Barley Only  
For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace River Region) Only**

**APPLY:**

IPCO SPHERE	at 20 grams per hectare
<b>plus</b>	
LONTREL* 360 or SPUR 360 HERBICIDE	at 0.21 litres per hectare
<b>plus</b>	
a recommended surfactant	at 2 litres per 1000 litres of spray volume

See "Mixing Instructions" section of the label for proper mixing/application instructions. Ensure that IPCO SPHERE is completely in suspension in the spray tank before adding LONTREL\* 360 or SPUR 360 HERBICIDE.

Apply the tankmix from the full 3 leaf stage to the flag leaf stage of spring wheat and barley.

**WEEDS CONTROLLED:**

Canada Thistle (seasonal control) †  
Wild Buckwheat††

PLUS: All other broadleaf weeds controlled or suppressed by IPCO SPHERE alone at 20 grams/ha.

†Canada Thistle (seasonal control): Apply IPCO SPHERE plus LONTREL\* 360 or SPUR 360 HERBICIDE plus a recommended surfactant postemergent, after all the thistles have emerged, and are actively growing. For best control, apply when thistles are no larger than 15 cm tall, before bud stage and before crop canopy prevents thorough coverage of thistles. Later emerging thistles will not be controlled.

†† Wild Buckwheat: Apply IPCO SPHERE plus LONTREL\* 360 or SPUR 360 HERBICIDE plus a recommended surfactant to actively growing wild buckwheat in the cotyledon to 5-leaf stage. Under stress conditions such as dry weather, control may be reduced. Large plants may regrow after treatment.

**IPCO SPHERE + BANVEL II\* HERBICIDE**

**For Use on Spring Wheat (excluding Durum), and Spring Barley Only. Not Underseeded to Forages.  
For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace**

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**River Region) Only**

Apply from the 2-5 leaf stage of spring wheat or spring barley and seedling stage to 8 leaf stage of kochia.

IPCO SPHERE	20 grams/hectare
Banvel II* Herbicide	0.110 litres/hectare
Adjuvants: Agral*90, Ag-surf*, HiActivate Non-Ionic Liquid Spreader/Activator or Citowett* Plus	2 litres/1000 litres of spray solution

Mixing order is IPCO SPHERE then Banvel II\* Herbicide then adjuvant. Refer to the MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha.

Do not permit lactating dairy animals to graze fields within 7 days after application. WEEDS CONTROLLED: Broadleaf weeds controlled or suppressed by IPCO SPHERE Kochia, including Group 2 resistant kochia

**IPCO SPHERE + SLAM'R HERBICIDE + BANVEL II\* Herbicide**

**For Use on Spring Wheat (excluding Durum). Not Underseeded to Forages.  
For Use in the Prairie Provinces and Interior (including Peace River Region) of British Columbia Only**

Apply from the 2-5 leaf stage of spring wheat and seedling stage to 8 leaf stage of kochia.

IPCO SPHERE	20 grams/hectare
Slam'R Herbicide	0.230 L/Ha
Banvel II* Herbicide	0.110 L/Ha
Albaugh Surfactant	at 0.25% v/v

Mixing order is IPCO SPHERE then Banvel II\* Herbicide then Slam'R Herbicide then Albaugh Surfactant. Refer to the MIXING DIRECTIONS section for general instructions. Use minimum volume of 55 L/ha.

Do not permit lactating dairy animals to graze fields within 7 days after application.

**WEEDS CONTROLLED:**

Broadleaf weeds controlled or suppressed by IPCO SPHERE
Kochia, including Group 2 resistant kochia
Wild oats
Green foxtail

**IPCO SPHERE PLUS SIMPLICITY\* GoDRI\* HERBICIDE**

**Spring Wheat (Including Durum) and Winter Wheat**

APPLY:

IPCO SPHERE	at 20 grams per hectare
plus	
SIMPLICITY* GoDRI* Herbicide	at 70 grams per hectare
plus	
A non-ionic surfactant	at 0.25% v/v

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**WEEDS CONTROLLED:**

barnyard grass (1-5 leaf)	hemp nettle (1-8 leaf)
brome, Japanese (1-6 leaf)	oats, wild (up to 4 leaf, 2 tiller)
canola, volunteer (1-6 leaf)	pigweed, redroot (1-8 leaf)
chickweed, common (up to 10 cm)	round-leaved mallow (up to 6 leaf stage, <10 cm in size)
cleavers (up to 6 whorl)	shepherd's purse (up to 30 cm tall)
corn spurry (up to 2 whorl stage,	smartweed (lady's-thumb, 1-5 leaf)
foxtail, yellow (1-5 leaf)	stinkweed (up to 30 cm tall)

**WEEDS SUPPRESSED:**

brome, downy (2-6 leaf, 4-tillers)	Persian darnel (1-leaf to 4-leaf, 2-tiller)
Canada thistle (up to 30 cm tall, prebud)	Russian thistle (up to 10 cm tall)
dandelion (seedlings and over-wintered rosettes less than or equal to 20 cm)	white cockle (up to the first flower stage, less than 20 cm in height)
foxtail, green (1-5 leaf)	wild buckwheat (1-4 leaf)

**PLUS:** all other broadleaf weeds controlled or suppressed by IPCO SPHERE alone at 20 grams per hectare.

**IPCO SPHERE PLUS AXIAL\* 100EC Herbicide**

**For Sale for Use in the Prairie Provinces and Interior of British Columbia (Including the Peace River Region) Only**

**For use on spring wheat and spring barley only**

Post-emergent application from 2 to flag leaf. For annual grass weeds, apply from 2- to 6-leaf stage, up to emergence of 4<sup>th</sup> tiller.

**TANK MIX COMPONENTS AND APPLICATION RATES:**

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IPCO SPHERE Herbicide at 20 grams/hectare with AXIAL\* 100 EC Herbicide at 600 mL/hectare for wild oats, volunteer oats, green foxtail, yellow foxtail, volunteer canary seed, and proso millet and with ADIGOR\* Adjuvant at 700 mL/hectare

**MIXING:** Ensure that IPCO SPHERE Herbicide is completely dissolved. Then add Axial\* 100 EC Herbicide with reduced agitation, and finally Adigor adjuvant.

**DO NOT USE ADDITIONAL NON-IONIC SURFACTANT.**

Consult the Axial\* 100EC Herbicide label for application instructions and use precautions.

**WEEDS CONTROLLED:**

Broadleaf weeds controlled or suppressed by IPCO SPHERE Herbicide alone, plus wild oats, volunteer oats, green foxtail, yellow foxtail, volunteer canary seed, and proso millet.

Do not harvest within 60 days for grain and straw and 30 days for hay.

Do not graze treated crop for 7 days after application.

**IPCO SPHERE PLUS AUDIBLE B HERBICIDE**

Apply post-emergence when weeds are actively growing, with best results on seedling weeds that are less than 10 cm in height. Only weeds emerged at the time of treatment will be controlled. Thorough covering of the target weeds is essential. The tank-mix can be applied to actively growing spring wheat, including durum, spring barley and oats from the 2-leaf crop growth stage up to and including initiation of stem elongation. **Do not apply to crops underseeded to legumes or grasses.**

**Rates of Application:** To control the following weeds apply a uniform spray containing 20 g/ha of IPCO SPHERE with 0.21 to 0.41 litres of Audible B Herbicide and 2 litres per 1000 L spray solution of non-ionic surfactant with a spray volume of 100 L/ha.

**Weeds Controlled or Suppressed:**

**Weeds Controlled at 20 g/ha IPCO SPHERE and 0.21 L/ha of Audible B Herbicide:**

annual smartweed (green	groundsel (common)	shepherd's purse
smartweed, lady's thumb)	hemp-nettle	stinkweed
ball mustard	kochia <sup>2</sup>	tartary buckwheat
chickweed (1-6 leaf) <sup>1</sup>	lamb's-quarters	volunteer rapeseed <sup>3</sup>
cleavers (1-4 whorls)	narrow-leaved hawk's beard	volunteer sunflower
corn spurry	redroot pigweed	wild buckwheat <sup>4</sup>
cow cockle	Russian thistle	wild mustard
flixweed		

<sup>1</sup> Spray before canopy prevents thorough coverage of weeds. Chickweed emerging after application will not be controlled.

<sup>2</sup> Excluding Group 2 resistant kochia

<sup>3</sup> The tank-mix will not control imazethapyr tolerant canola varieties (e.g. Clearfield varieties or other varieties with the Pursuit Smart trait)

<sup>4</sup> Apply to actively growing wild buckwheat at the cotyledon to 3-leaf stage. Control may be reduced under environmental stress. Large plants may regrow after treatment.

**Weeds Suppressed at 20 g/ha IPCO SPHERE and 0.21 L/ha of Audible B Herbicide:**

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Canada thistle<sup>5</sup>  
round leaved mallow (2-6 leaf)<sup>6</sup>  
scentless chamomile

sow thistle<sup>5</sup>  
stork's bill (2-6 leaf stage)  
toadflax (up to 15 cm)<sup>7</sup>

<sup>5</sup> Apply when most of the thistles have emerged and are actively growing. Apply before bud stage and before crop canopy prevents thorough coverage of thistles, when thistles are no larger than 15 cm in height for best top growth control. A single application will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be controlled.

<sup>6</sup> Apply to actively growing round leaved mallow. Will keep mallow stunted, but may not be able to reduce overall populations.

<sup>7</sup> A control program for this weed includes chemical application and frequent tillage.

**Additional Weeds Controlled at 20 g/ha IPCO SPHERE and 0.31 L/ha of Audible B Herbicide:**

kochia (2-8 leaf; including group 2 resistant biotypes)  
volunteer flax (1-12 cm)

**Additional Weeds Controlled and Suppressed at 20 g/Ha IPCO SPHERE and 0.41 L/ha Audible B Herbicide:**

**Weeds Controlled**

round leaved mallow (1-6 leaf)

**Weeds Suppressed**

chickweed (up to 8 cm; including group 2 resistant biotypes)

**MIXING INSTRUCTIONS:**

1. Select a spray volume that will ensure thorough coverage and uniform spray pattern. Use a minimum of 55-L spray volume per hectare. If tankmixing with other herbicides, always consult the label of the tank mix partner(s) for minimum spray volume requirements and apply the tank mixture using a water volume recommended for all products.
2. Fill the spray tank 1/4 – 1/3 full with fresh water and start agitation.
3. Add the required amount of IPCO SPHERE to the tank. Make sure all of the IPCO SPHERE is in suspension before proceeding to the next step. Continuous agitation is recommended throughout the entire mixing procedure to ensure products are completely dissolved and/or in suspension.
4. If using IPCO SPHERE alone, a recommended surfactant such as AGRAL\* 90, AG-SURF\*, HIACTIVATE NON-IONIC LIQUID SPREADER/ACTIVATOR or CITOWETT® PLUS must be added to the spray mixture at a rate of 2 litres per 1000 litres of spray solution.
5. Specific Tank Mix Instructions:  
If tankmixing with MCPA, 2,4-D, CURTAIL\* M, LONTREL\* 360 or Spur 360 Herbicide, add the required amount of MCPA, 2,4-D, CURTAIL\* M, LONTREL\* 360 or Spur 360 Herbicide to the tank while maintaining agitation. Once the herbicide is completely in suspension, add a recommended surfactant such as AGRAL\* 90, AG-SURF\*, HIACTIVATE NON-IONIC LIQUID SPREADER/ACTIVATOR or CITOWETT® PLUS at 2 L per 1000 L spray solution.  
Anti-foaming agents may be required.

If tankmixing with PUMA\* SUPER or MCPA + PUMA\* SUPER, add the required amount of PUMA\* SUPER and/or MCPA while maintaining agitation. DO NOT ADD A SURFACTANT.

When mixing with LONTREL\* 360 + 2,4-D Ester or MCPA Ester, mix IPCO SPHERE first in fresh water, then add the required amount of LONTREL\* 360 or Spur 360 Herbicide followed by MCPA or 2,4-

D. Add the recommended non-ionic surfactant such as AGRAL\* 90, AG-SURF\*, HIACTIVATE NON-IONIC LIQUID SPREADER/ACTIVATOR or CITOWETT® PLUS last, at a rate of 2 litres per

1000 litres spray solution.

If tankmixing with SLAM'R Herbicide, or SLAM'R Herbicide + MCPA Ester, add the required amount of SLAM'R Herbicide and/or MCPA Ester after IPCO SPHERE is completely in suspension, and maintain agitation. Add the Albaugh Surfactant at the appropriate rate last. **DO NOT ADD AN ADDITIONAL NON-IONIC SURFACTANT.**

When tankmixing with ACCORD\* DF Herbicide, add the required amount of IPCO SPHERE and ACCORD\* to the tank. When these products have completely dissolved and are in suspension, add the MERGE\* adjuvant at the appropriate rate last. Do not add an additional non-ionic surfactant.

6. Continue to fill tank and maintain agitation for at least 5 minutes to ensure thorough mixing.
7. On repeat loads, ensure that the amount of spray solution left in the tank from the previous load is less than 10% of the volume about to be mixed.
8. Use the spray preparation of IPCO SPHERE within 24 hours or product degradation may occur. If spray solution is left standing without agitation, thoroughly agitate and re-suspend any settled IPCO SPHERE before resuming the spraying operation.

The volumetric measuring guide to measure IPCO SPHERE is to be used only as a guide. For precise measurement use scales calibrated in grams.

#### **APPLICATION INSTRUCTIONS:**

Apply the spray mixture uniformly with properly calibrated ground equipment only. Ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended (minimum 55 litres spray volume per hectare). Use 50 mesh filter screens or larger (metal or nylon). A spray pressure of 210-275 kPa is recommended. Continuous agitation is required to keep IPCO SPHERE in suspension. Apply uniformly.

Avoid overlapping and shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over application.

#### **SPRAYER CLEANUP:**

To avoid subsequent injury to crops other than wheat, barley or oats, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of IPCO SPHERE 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 ensure removal of all visible residues of IPCO SPHERE. If necessary, repeat Step 1. **DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION.**
2. Fill the tank with clean water, then add 1 litre household AMMONIA (containing minimum of 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 Steps 2 and 3.

5. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing water through the hoses and boom.

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.

#### **RESISTANCE-MANAGEMENT RECOMMENDATIONS:**

For resistance management, IPCO SPHERE is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to IPCO SPHERE 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 IPCO SPHERE 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 Interprovincial Cooperative Ltd. representatives at 1-204- 233-3461.

#### **USE PRECAUTIONS:**

- Applications to wheat, barley or oats that are stressed by severe weather conditions, frost, low fertility, drought, water logged soil (soils at or near field capacity), disease or insect damage may result in crop injury. Drought, disease or insect damage following application may also result in crop injury.
- Do not apply to irrigated land where tail water will be used to irrigate cropland.
- Do not contaminate irrigation water.
- Do not apply to crops underseeded to legumes or grasses as injury to forage may result.
- Do not remove soil from treated fields for use on lawns, in gardens or for back fill.
- IPCO SPHERE should be applied only with water as a carrier. Other carriers may accelerate breakdown of the product and reduce its effectiveness.
- Do not exceed a total of 20 g of IPCO SPHERE per hectare per crop year.
- Do not plant to any crop until two months after application.
- Wheat, barley or oats may not be grazed by or fed to livestock within 7 days of application.
- 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

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- slight reduction in crop height may occur.
- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls, or calcium deposits.
- Limit use of IPCO SPHERE to currently licensed varieties of wheat (spring, durum, winter), barley and oats. Consult Interprovincial Cooperative Ltd. prior to use on unlicensed varieties for crop tolerance information. **DO NOT USE ON LEGER BARLEY AND BELVEDERE WHEAT.**

**STORAGE:**

Store this product away from food or feed. Not for use or storage in or around the home. Keep container closed.

**DISPOSAL:**

**Recyclable Containers**

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:

3. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
4. 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.

**If this is a refillable container:**

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.

**If this is a returnable container:**

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

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.

**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.

\*All other products mentioned are trademarks of their respective companies