

(Sleeve)

GROUP	5 14	HERBICIDE
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## IPCO BIFECTA® EZ

**HERBICIDE**  
**Suspension Concentrate**  
**COMMERCIAL**

For control and/or suppression of certain weeds in burndown applications, soybeans, field peas, lentils, spring wheat, post-harvest / fall burndown, fallow cropland and to maintain bare ground on non-crop areas of farms.

### ACTIVE INGREDIENTS:

Metribuzin .....347 g/L  
Flumioxazin.....77.6 g/L

Contains 1,2-benzisothiazolin-3-one at 0.02% as a preservative

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USE**



CAUTION / POISON

POTENTIAL SKIN SENSITIZER

REGISTRATION NO.: 34589 PEST CONTROL PRODUCTS ACT

Net Contents: (0.5-Bulk) Litres

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-CANUTEC (226-8832)

BIFECTA® is registered trademark of Nufarm Agriculture Inc.

**PRECAUTIONS:****KEEP OUT OF REACH OF CHILDREN.**

Harmful if swallowed. Potential skin sensitizer.

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash contaminated clothing with soap and hot water, separately from household clothing, before reuse.
- Wash skin thoroughly with soap and warm water after handling.
- Do not contaminate any body of water.
- Do not contaminate food or feed.
- Read and follow label instructions and directives.

Follow the personal protective equipment (PPE), engineering controls, and restriction requirements for the appropriate mixer/loader and applicator scenario as described in the table below:

Equipment	Personal Protective Equipment		Maximum amount of product handled per day
	Mixer/Loader/ Clean-up and Repair	Applicator	
<b>Groundboom</b>	Long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes, and protective eyewear (goggles or face shield) during mixing, loading, applying, clean-up and repair.		Open Cab: 288 L
	Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes, and protective eyewear (goggles or face shield).	Long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes, and protective eyewear (goggles or face shield).	Open Cab: 385 L
<b>Mechanically-pressurized handgun</b>	Chemical-resistant coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, protective eyewear (goggles or face shield) and a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides during mixing, loading, applying, clean-up and repair.		15 L
<b>Right-of-Way-sprayer</b>	Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes and protective eyewear (goggles or face shield) during mixing, loading, applying, clean-up and repair.		
<b>Backpack/Manually-pressurized handwand</b>	Long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes, and protective eyewear (goggles or face shield) during mixing, loading, applying, clean-up and repair.		

**NOTE:**

- Users should remove personal protective equipment immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Follow manufacturer's instructions for cleaning/ maintaining personal protective equipment (PPE) or use detergent and hot water. Keep and wash PPE separately from other laundry.

**DO NOT** enter or allow entry into treated non-crop bare ground use areas until the sprays have dried. **DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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.

**PHYSICAL-CHEMICAL HAZARDS:**

Do not mix with or allow to come in contact with oxidizing agent. A hazardous chemical reaction may occur.

**ENVIRONMENTAL PRECAUTIONS:**

This product is toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under section 12. GENERAL USE INFORMATION.

Toxic to small wild mammals. Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

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 edge of the water body.

**FIRST AID:**

- |                               |   |
|-------------------------------|---|
| <b>If swallowed</b>           | Call a poison control centre or doctor immediately for treatment advice. Have the 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.                       |
| <b>If on skin or clothing</b> | 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.   |
| <b>If in eyes</b>             | 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.   |
| <b>If inhaled</b>             | Move the person to fresh air. If the 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. 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:**

There is no specific antidote for this product. Apply symptomatic therapy.

**EMERGENCY TELEPHONE NUMBERS:**

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

**STORAGE:**

Do not contaminate water, food or feed by storage. Keep pesticide in original container. Store in a cool, dry, secure place. Do not put formulation or dilute spray solution into foods or drinks containers. Do not store or transport near feed or food. Not for use or storage in or around the home. Store this product away from food or feed.

**DISPOSAL:**

**For 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:

1. Triple-or pressure-rinse the empty container. Add the rinsing 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 requirements.

For returnable containers:

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

For refillable containers

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.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial 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 offence under the PEST CONTROL PRODUCTS ACT to use this product in a way that is inconsistent with the directions on the label.

(Booklet Label)

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## 1. PRECAUTIONS:

### KEEP OUT OF REACH OF CHILDREN.

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- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash contaminated clothing with soap and hot water, separately from household clothing, before reuse.
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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.

## **2. PHYSICAL-CHEMICAL HAZARDS:**

Do not mix or allow to come in contact with oxidizing agent. Hazardous chemical reaction may occur.

## **3. ENVIRONMENTAL PRECAUTIONS:**

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## **4. FIRST AID:**

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

## **5. TOXICOLOGICAL INFORMATION:**

There is no specific antidote for this product. Apply symptomatic therapy.

## **6. EMERGENCY TELEPHONE NUMBERS:**

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## **7. STORAGE:**

Do not contaminate water, food or feed by storage. Keep pesticide in original container. Store in a cool, dry, secure place. Do not put formulation or dilute spray solution into foods or drinks containers. Do not store or transport near feed or food. Not for use or storage in or around the home. Store this product away from food or feed.

## **8. DISPOSAL:**

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

## **9. 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.

## **10. NOTES:**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Keep all unprotected persons out of operating areas, or vicinity where there may be drift. Only protected handlers may be in the area during application.

Do not apply to fine-textured soils.

Do not use on muck soil.

Do not apply to farm alleys or roads where traffic may result in treated dust settling onto crops or other desirable vegetation.

Do not apply within 100 meters of non-dormant pears.

Do not apply to powdery soils or soils that are susceptible to wind displacement unless irrigation can be applied immediately after application.

Read and understand the entire label before opening this product. If you have any questions, call the manufacturer, or obtain technical advice from the distributor or your provincial agriculture representative. Application of this specific product must meet and/or conform to the following.

## 11. RESISTANCE MANGEMENT RECOMMENDATIONS

For resistance management, **IPCO BIFECTA EZ** contains Metribuzin, a Group 5 herbicide (photosynthetic inhibitor), Flumioxazin, a Group 14 herbicide (PPO inhibitor). Resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same fields. With two modes of action, IPCO BIFECTA EZ is designed with the intent of providing the user with a resistance-management strategy. 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 BIFECTA EZ** or other Group 5, 14 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in the 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 weeds 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 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 advisor for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information and to report suspected resistance, contact company representatives at 1-204-233-3461

## 12. GENERAL USE INFORMATION

**IPCO BIFECTA EZ** provides residual control of susceptible weeds in soybeans, lentils, field peas, spring wheat, fallow land and to maintain bare ground non-crop areas of farms when used in accordance with this label. **IPCO BIFECTA EZ** is effective as a pre-emergence herbicide, for control of selected grass and broadleaf weeds. **IPCO BIFECTA EZ** controls weeds by following two modes of action (MOA) i.e., Metribuzin, which is a Group 5 herbicide and flumioxazin, which is a Group 14 herbicide.

**IPCO BIFECTA EZ** offers residual control of susceptible grass and broadleaf weeds listed on this label and assists in the control of acetolactate synthase (ALS), triazine and glyphosate resistant weeds. The length of residual control is dependent on the application rate as well as on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increases and on cloddy seedbeds.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact company representatives at 1-204-233-3461 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

As this pesticide 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 60cm or less above the crop or ground.

**DO NOT** apply by air.

The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all such factors when making decisions. Some provinces have more stringent regulations, they must be observed.

Make application when the wind velocity favors on target product deposition.

Do not make applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permissible by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

All ground application equipment must be properly maintained and calibrated using appropriate carriers.

### **12.1. SPRAYER AND APPLICATION INFORMATION:**

Before applying **IPCO BIFECTA EZ**, start with clean, well maintained application equipment. The spray tank, as well as hoses and booms, must be cleaned to ensure no residue from the previous spraying operation remains in the sprayer. Some pesticides, including but not limited to, the sulfonylurea and phenoxy herbicides are active at very small amounts and can cause crop injury when applied to susceptible crops. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the equipment is used to apply **IPCO BIFECTA EZ**. If two or more products were tank mixed prior to application of **IPCO BIFECTA EZ**, the most restrictive clean up procedure must be followed.

Spray equipment, including mixing vessels and nurse tanks, must be cleaned each day following application of **IPCO BIFECTA EZ**. After **IPCO BIFECTA EZ** is applied, the following steps must be used to clean the spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly including the inside and outside of the tank and all in-lines screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Top off tank, add 4L of 3% household ammonia for every 400L of water, circulate through sprayer for 5 minutes, and then flush all hoses, booms, screens and nozzles for a minimum of 15 minutes.
4. Drain tank completely.
5. Add enough clean water to spray tank to allow all hoses, booms, screens and nozzles to be flushed for 2 minutes.
6. Remove all nozzles and screens and rinse them in clean water.
7. Spray equipment, including all tanks, hoses, booms, screens and nozzles, must be thoroughly cleaned before it is used to apply post emergence pesticides. Equipment with residue of **IPCO BIFECTA EZ** remaining in the system may result in crop injury to the subsequently treated crop.
8. Do not contaminate water, food or feed by cleaning of equipment.

### **12.2. MIXING INSTRUCTIONS:**

1. Fill clean spray tank  $\frac{1}{2}$  to  $\frac{2}{3}$  of desired level with clean water.
2. If a drift retardant is to be used, add 1kg of spray grade ammonium sulfate per 100 liters of spray solution.
3. Agitate solution. Agitation should create a rippling or rolling action on the water surface.
4. If tank mixing **IPCO BIFECTA EZ** with other labelled herbicides follow the **WALEs** [**W**etttable powders /**W**ater Dispersible granules, **A**gitate tank mix thoroughly, **L**iquid flowables and suspensions, **E**mulsi-fiable concentrate formulations, **S**urfactants/**S**olutions] or **WAMLEGS** [**W**etttable powders/ flowable, **A**gitate Anti-flowing compounds/buffers, **M**icrocapsule suspension, **L**iquid and soluble, **E**mulsi-fiable concentrates, High load **G**lyphosates, **S**urfactants] mixing order system:
  - Add water soluble bags first
  - Followed by dry formulations, flowables, emulsifiable concentrates and then solutions.
  - Prepare no more spray mixture than is required for the immediate spray operation.

5. Add adjuvants or surfactants, if recommended.
6. Fill spray tank to desired level with water. Agitation should continue until all spray solution has been applied.
7. Mix only the amount of spray solution that can be applied the day of mixing. **IPCO BIFECTA EZ** should be applied within 6 hours of mixing.

**12.3. SPRAY BUFFER ZONES:**

A spray buffer zone is NOT required for:

- Uses with hand-held application equipment permitted on this label
- Low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage

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	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
		Less than 1m	Greater than 1m	Less than 1m	Greater than 1m	
Field sprayer	Soybean	5	2	5	2	10
	Lentils, Field Peas, Spring wheat, Post – Harvest / Fall Burndown, Fallow Cropland	5	2	5	2	10
	Bare ground, non-crop uses	5	2	1	1	25

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.

**NOTE:** 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.

## 13. REGISTERED CROPS, WEEDS AND APPLICATION RATES

### 13.1. REGISTERED CROPS / USE PATTERNS:

- Soybeans
- Field peas
- Lentils
- Spring wheat
- Post-Harvest / Fall burndown
- Fallow cropland
- Bare ground in non-crop areas of farms

### 13.2. WEEDS CONTROLLED:

Efficacy of applications to emerged weeds may be affected by environmental factors such as weed size, humidity, temperature and rain events. Control can be maximized with applications to small, actively growing weeds and applications made with a recommended adjuvant or labeled burndown herbicide.

Barnyard grass ( <i>Echinochloa crusgalli</i> )	Control
Canada fleabane ( <i>Conzya Canadensis</i> ), including biotypes resistant to groups 2, 5 and 9	Control
Carpetweed ( <i>Millugo verticillata</i> L.)	Control <sup>1</sup>
Cheat grass ( <i>Bromus tectorum</i> )	Control
Cleavers ( <i>Galium aparine</i> L.)	Suppression
Cocklebur ( <i>Xanthium strumarium</i> L.)	Control
Common chickweed ( <i>Stellaria media</i> )	Control
Common lamb's-quarters ( <i>Chenopodium album</i> ), including biotypes resistant to groups 2 and 5	Control
Common ragweed ( <i>Ambrosia artemisiifolia</i> ), including biotypes resistant to groups 2, 5 and 9	Control
Common waterhemp, including biotypes resistant to groups 2, 5 and 9	Control
Dandelion ( <i>Taraxacum officinale</i> )	Control
Eastern black nightshade ( <i>Solanum ptycanthum</i> ), including biotypes resistant to group 2 and 22	Control
Fall panicum ( <i>Panicum dichotomiflorum</i> )	Control
Giant foxtail ( <i>Setaria faberi</i> Herrm.)	Control
Green and yellow foxtail ( <i>Setaria viridis</i> and <i>Setaria galcua</i> )	Control
Green pigweed ( <i>Amaranthus powellii</i> )	Control
Green smartweed ( <i>Polygonum scabrum</i> M.)	Control
Hairy nightshade ( <i>Solanum sarachoides</i> )	Control
Jimsonweed ( <i>Datura stramonium</i> L.)	Control <sup>1</sup>
Johnson grass (seedling) ( <i>Sorghum halepense</i> L.)	Control
Kochia ( <i>Kochia scoparia</i> ), including biotypes resistant to groups 2, 4 and 9	Control
Lady's-thumb ( <i>Polygonum persicaria</i> L.)	Control
Large crab grass ( <i>Digitaria sanguinalis</i> L.)	Control
Palmer amaranth ( <i>Amaranthus palmeri</i> )	Control
Prickly mallow ( <i>Sida spinose</i> )	Control <sup>2</sup>

Prostrate pigweed ( <i>Amaranthus blitoides</i> )	Control
Redroot pigweed ( <i>Amaranthus retroflexus</i> ), including biotypes resistant to groups 2 and 5	Control
Russian thistle ( <i>Salsola kali</i> L.)	Control
Shepherd's purse ( <i>Capsella bursa-pastoris</i> )	Control
Velvetleaf ( <i>Abutilon theophrasti</i> Medik.)	Control
Volunteer canola ( <i>Brassica napus</i> ), including glyphosate, glufosinate ammonium, and imidazolinone tolerant varieties.	Suppression
Wild buckwheat ( <i>Polvgonum convolvulus</i> L.)	Control
Wild mustard ( <i>Sinapis arvensis</i> L.)	Control
Wild potato vine	Control
Witch grass ( <i>Panicum capillare</i> L.)	Control
Yellow woodsorrel ( <i>Oxalis dillenii</i> Jacq.)	Control

<sup>1</sup> PREEMERGENCE only

<sup>2</sup> POSTEMERGENCE only

<sup>3</sup> Seedling only

### 13.3. APPLICATION RATES

Crop	Application Rate (L/ha)	
	Spring/Early Summer Applications	Fall (Post-Harvest / Burndown)
Soybean	EASTERN CANADA: 1.10 - 1.25 L	EASTERN CANADA: 1.10 - 1.25 L
	WESTERN CANADA: 0.88 L	WESTERN CANADA: 0.88 L
Lentils, Field Peas, Spring wheat	0.88 L	0.88-1.25 L
Post-Harvest / Fall Burndown	N/A	1.25 L
Fallow Cropland	1.25 L	N/A
Bare Ground in Non-Crop Areas of Farm	1.25 L	1.25 L

## 14.0. DIRECTIONS FOR USE

### 14.1 SPRING APPLICATIONS

#### 14.1.1 DIRECTIONS FOR USE IN SOYBEAN

##### RESTRICTIONS

- Do not apply to frozen or snow-covered soil.
- Do not make more than one application per year.
- Do not irrigate when soybeans are cracking through the soil.
- Do not tank mix IPCO BIFECTA EZ with chloroacetamide products such as those containing the active ingredients: flufenacet, s-metolachlor, metolachlor, dimethenamid-P, acetochlor or alachlor.
- Do not apply to sand soils, or to sandy loam or loamy sand soils containing less than 2% organic matter.



- Preemergence application of IPCO BIFECTA EZ must be made **within 3 days after planting and prior to soybean emergence**. Application after the soybeans have begun to crack through the soil, or are emerged, will result in severe crop injury. Do not make applications when soybeans have begun to crack.
- Do not apply IPCO BIFECTA EZ postemergence to crop.
- Do not incorporate into soil.
- Do not perform any tillage operation after application or residual weed control will be reduced.
- DO NOT harvest as green feed or permit livestock to graze fields within 21 days after application.
- DO NOT cut hay/fodder within 50 days after application.
- Observe all rotational intervals prior to planting as listed in 15. ROTATIONAL RESTRICTIONS section.
- Preharvest Interval (PHI): Do not harvest soybeans for at least 100 days after IPCO BIFECTA EZ application.

### **PRECAUTIONS**

Injury to soybeans may occur when IPCO BIFECTA EZ is used under the following conditions:

- When soils have a calcareous surface area or a pH of 7.5 or higher.
- When applied in conjunction with soil applied organophosphate pesticides.
- Over application or boom overlapping may result in stand loss and soil residues.
- Application to sandy soils, or sandy loam or loamy sandy soils containing less than 2% organic matter may result in stand loss and soil residues.
- Uneven application can decrease the level of weed control and/or increase the level of injury.
- When applied to any soil with less than 2% organic matter.
- When sprayers are not calibrated accurately.
- When heavy rains occur soon after application, especially in poorly drained areas where water may stand for several days.
- When soils are flooded or saturated at early growth stages of soybean
- When soybeans are planted less than 3.81 cm (1-1/2 inches) deep, particularly in pre-emergence application.
- Application when soybeans have begun to crack or emerge.

NOTE: Many weather-related factors, including splashing or heavy rains or cool conditions at or near crop emergence, may result in soybean injury in fields treated with **IPCO BIFECTA EZ**.

### **APPLICATION TIMING**

IPCO BIFECTA EZ may be applied to soybeans prior to planting or preemergence (after planting).

Preemergence application of IPCO BIFECTA EZ must be made within 3 days after planting and prior to soybean emergence. Application after the soybeans have begun to crack, or are emerged, will result in severe crop injury. Application should not be made when soybeans have begun to crack or emerge.

IPCO BIFECTA EZ, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds where soybeans will be planted directly into a stale seedbed, cover crop or in previous crop residues. Apply IPCO BIFECTA EZ with ground equipment before planting, during planting or **within 3 days after planting**, but before the crop emerges. To ensure thorough coverage, use a minimum of 150 litres of spray solution per hectare (15 gallons/acre). Refer to tank mix partner's label for specified application pressure. All tank mixes of IPCO BIFECTA EZ applied to assist in the control of emerged weeds must be applied with crop oil concentrate at 1.25-2.5 L/ha or a non-ionic surfactant at 0.25% v/v. Tank mixes with glyphosate or glufosinate do not require the addition of a surfactant.

NOTE: Efficacy of applications to emerged weeds may be affected by environmental factors such as weed size, humidity, temperature and rain events. Control can be maximized with applications to small, actively growing weeds and applications made with a recommended surfactant or labeled burndown herbicide.

<b>SOYBEANS</b>		
<b>Soil Type<sup>1</sup></b>	<b>RATE (L/ha)</b>	<b>COMMENTS</b>
Coarse- textured and Medium- textured, with <5% organic matter	EASTERN CANADA 1.1 – 1.25	<p>IPCO BIFECTA EZ alone will control labelled weeds that have not emerged at time of application. Emerged weeds smaller than 5 cm will also be controlled with good coverage and a uniform spray pattern. To enhance control of emerged weeds use a tank mix with glyphosate or other herbicide or an adjuvant (0.25% v/v non-ionic surfactant or 1.25-2.5 L per hectare crop oil concentrate).</p> <p>A tank mix partner should be used in combination with IPCO BIFECTA EZ for the postemergence control of weeds larger than 5 cm. Recommended tank mix partners are listed in <b>TANK MIX COMBINATIONS FOR SOYBEANS</b>. Moisture is necessary to activate IPCO BIFECTA EZ on soil for residual weed control. Dry weather following application of IPCO BIFECTA EZ may reduce effectiveness. However, when adequate moisture is received after dry conditions, IPCO BIFECTA EZ will control susceptible germinating weeds.</p>
	WESTERN CANADA 0.88	

<sup>1</sup>: Do not apply on soils with > 5% OM, or fine-textured soils.

<sup>2</sup>: Refer to the respective tank mix partner label for additional recommendations, restrictions and precautions. Follow the most restrictive application directions for each of the tank mix partners.

#### **TANK MIX COMBINATIONS FOR SOYBEANS**

IPCO BIFECTA EZ can be tank mixed with Credit Xtreme / Credit LV (glyphosate), BlackHawk Herbicide, 2,4-D Ester, Roundup Xtend Herbicide, Enlist Duo Herbicide, or Enlist 1 Herbicide for increased control of emerged weeds.

IPCO BIFECTA EZ can be tank mixed with Prowl H<sub>2</sub>O Herbicide, Pursuit Herbicide, Phantom 240, or Nu-Image Herbicide for increased residual weed control. Do not tank mix, or use in the same field, with flufenacet, metolachlor, dimethenamid or alachlor as severe injury to soybean can occur when application is followed by periods of cool or wet weather.

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

#### 14.1.2 DIRECTIONS FOR USE IN FIELD PEAS

##### RESTRICTIONS

- Do not make apply than 0.88 L of **IPCO BIFECTA EZ** per hectare during a single spring application.
- Do not apply to coarse-textured soils, sandy soils, or to sandy loam or loamy sand soils containing less than 2% organic matter.
- Seed depth must be greater than 2.5 cm (1 inch) deep.
- Do not harvest within 70 days of application.
- Do not graze or feed treated vine to livestock within 40 days of application.
- Do not perform any tillage operation after application or residual weed control will be reduced.

NOTE: Many weather-related factors, including splashing or heavy rains or cool conditions at or near crop emergence, may result in field pea injury in fields treated with **IPCO BIFECTA EZ**.

##### APPLICATION TIMING

**IPCO BIFECTA EZ** may be applied to field peas prior to planting or preemergence (after planting). Preemergence application of **IPCO BIFECTA EZ** must be made **within 3 days after planting** and prior to field pea emergence. To avoid severe crop injury, do not apply to field peas after peas begin to crack or have emerged. Do not incorporate.

**IPCO BIFECTA EZ**, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds. Apply **IPCO BIFECTA EZ** with ground equipment before planting, during planting **or within 3 days after planting, but before the crop emerges**. To ensure thorough coverage, use a minimum of 100 litres of spray solution per hectare (10 gallons/acre). Refer to tank mix partner's label for specified application pressure.

<b>FIELD PEAS</b>		
<b>Soil Type<sup>1</sup></b>	<b>RATE<sup>2</sup> (L/ha)</b>	<b>COMMENTS</b>
Coarse- textured and Medium- textured, with <5% organic matter	0.88	<p>IPCO BIFECTA EZ alone will control labelled weeds that have not emerged at time of application. Emerged weeds smaller than 5 cm will also be controlled with good coverage and a uniform spray pattern. To enhance control of emerged weeds use a tank mix with glyphosate or other herbicide or an adjuvant (0.25% v/v non-ionic surfactant or 1.25-2.5 L per hectare crop oil concentrate).</p> <p>A tank mix partner should be used in combination with IPCO BIFECTA EZ for the postemergence control of weeds larger than 5 cm. Recommended tank mix partners are listed in <b>TANK MIX COMBINATIONS FOR FIELD PEAS<sup>3</sup></b>.</p> <p>Moisture is necessary to activate IPCO BIFECTA EZ on soil for residual weed control. Dry weather following application of IPCO BIFECTA EZ may reduce effectiveness. However, when adequate moisture is received after dry conditions, IPCO BIFECTA EZ will control susceptible germinating weeds.</p>

<sup>1</sup>: Do not apply on soils with > 5% OM, or fine-textured soils.

<sup>2</sup>: The duration of residual control may be reduced with 0.88 L/ha in medium textured soils <5% in OM.

<sup>3</sup>: Refer to the respective tank mix partner label for additional recommendations, restrictions and precautions. Follow the most restrictive application directions for each of the tank mix partners.

#### **TANK MIX COMBINATIONS FOR FIELD PEAS**

IPCO BIFECTA EZ can be tank mixed with GoldWing Herbicide or Credit Xtreme / Credit LV (glyphosate) for increased control of emerged weeds.

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

#### **14.1.3 DIRECTIONS FOR USE IN LENTILS (SMALL RED AND LARGE GREEN VARIETIES)**

##### **RESTRICTIONS**

- Do not apply more than 0.88 L of **IPCO BIFECTA EZ** per hectare during a single spring application.
- Do not apply to coarse-textured soils, sandy soils, or to sandy loam or loamy sand soils containing less than 2% organic matter.
- Seed depth must be greater than 2.5 cm (1 inch) deep.
- Do not harvest within 70 days of application.
- Do not graze, cut or feed treated crops to livestock.
- Do not perform any tillage operation after application or residual weed control will be reduced.

NOTE: Many weather-related factors, including splashing or heavy rains or cool conditions at or near crop emergence, may result in lentil injury in fields treated with **IPCO BIFECTA EZ**.

#### **APPLICATION TIMING**

**IPCO BIFECTA EZ** pre-plant application provides control of susceptible weeds in small red and large green varieties of lentils. Apply **IPCO BIFECTA EZ** with ground equipment as early in the season as possible, a **minimum of 7 days prior to planting** small red or large green lentil varieties into no-till or minimum tillage fields. Lentils must be planted a minimum of 2.5 cm (1 inch) deep to maximize crop safety. Receiving an activating rainfall or irrigating with at least 1 cm of water prior to seeding will help minimize the potential for crop injury.

Do not apply other residual herbicides with, before, or after applying **IPCO BIFECTA EZ** in the spring prior to seeding lentils, as crop injury may result. Areas of fields with combinations of low organic matter, high pH, and or high sand content may exhibit crop injury symptoms. The use of optimal agronomics to support plant establishment will reduce crop injury potential - high quality seed, seed treatment, and using optimal seeding rates will minimize crop injury potential.

**IPCO BIFECTA EZ**, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds. Apply **IPCO BIFECTA EZ** with ground equipment as early as possible but **a minimum of 7 days before planting**. To ensure thorough coverage, use a minimum of 100 litres of spray solution per hectare (10 gallons/acre). Refer to tank mix partner's label for specified application pressure.

#### **CROP TOLERANCE**

Lentil varieties vary in their tolerance to **IPCO BIFECTA EZ**. Testing has shown that small-seeded red and large-seeded green varieties are most tolerant to applications of **IPCO BIFECTA EZ**. Other seed classes of lentils should not be planted into areas treated with **IPCO BIFECTA EZ**.

Environmental conditions, such as saturated soils, and abnormally cool, wet weather after seeding may also increase lentil injury following a fall application of **IPCO BIFECTA EZ**. Crop injury symptoms are generally transient and will reduce as growing conditions return to normal. **IPCO BIFECTA EZ** is a very active herbicide and the user should exercise caution until gaining familiarity with this product.

<b>LENTILS [Small Red and Large Green Varieties]</b>		
<b>Soil Type<sup>1</sup></b>	<b>RATE<sup>2</sup> (L/ha)</b>	<b>COMMENTS</b>
Coarse- textured and Medium- textured, with <5% organic matter	0.88	<p>IPCO BIFECTA EZ alone will control labelled weeds that have not emerged at time of application. Emerged weeds smaller than 5 cm will also be controlled with good coverage and a uniform spray pattern. To enhance control of emerged weeds use a tank mix with glyphosate or other herbicide or an adjuvant (0.25% v/v non-ionic surfactant or 1.25-2.5 L per hectare crop oil concentrate).</p> <p>A tank mix partner should be used in combination with IPCO BIFECTA EZ for the postemergence control of weeds larger than 5 cm. Recommended tank mix partners are listed in <b>TANK MIX COMBINATIONS FOR LENTILS<sup>3</sup></b>. Moisture is necessary to activate IPCO BIFECTA EZ on soil for residual weed control. Dry weather following application of IPCO BIFECTA EZ may reduce effectiveness. However, when adequate moisture is received after dry conditions, IPCO BIFECTA EZ will control susceptible germinating weeds.</p>

<sup>1</sup>: Do not apply on soils with > 5% OM, or fine-textured soils.

<sup>2</sup>: The duration of residual control may be reduced with 0.88 L/ha in medium textured soils <5% in OM.

<sup>3</sup>: Refer to the respective tank mix partner label for additional recommendations, restrictions and precautions. Follow the most restrictive application directions for each of the tank mix partners.

#### **TANK MIX COMBINATIONS FOR LENTILS**

IPCO BIFECTA EZ can be tank mixed with GoldWing Herbicide or Credit Xtreme / Credit LV (glyphosate) for increased control of emerged weeds.

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

#### **14.1.4 DIRECTIONS FOR USE IN SPRING WHEAT**

##### **RESTRICTIONS**

- Do not apply more than 0.88 L of **IPCO BIFECTA EZ** per hectare during a single spring application.
- Use only on no-till or minimum tillage fields where last year's crop residue has not been incorporated into the soil.
- When adequate moisture is not received after a **IPCO BIFECTA EZ** application, weed control may be improved by irrigation with at least ½ to 1 cm of water. Do not irrigate spring wheat between emergence and spike.
- Weed control will be reduced if there is mechanical incorporation into the soil or if emerged weeds are controlled by cultivation. Do not perform any tillage operations after application

or weed control will be reduced. No-till planters that incorporate the soil during planting may result in decreased weed control in the row.

- Do not plant durum wheat within 30 days of an application of IPCO BIFECTA EZ.
- Do not harvest within 60 days of application.
- Do not graze or feed treated crop to livestock within 30 days of application.
- Do not cut hay/fodder within 52 days after application.
- Do not perform any tillage operation after application or residual weed control will be reduced.

NOTE: Many weather-related factors, including splashing or heavy rains or cool conditions at or near crop emergence, may result in spring wheat injury in fields treated with IPCO BIFECTA EZ.

**APPLICATION TIMING**

IPCO BIFECTA EZ provides pre-plant control of susceptible weeds in spring wheat. Apply **IPCO BIFECTA EZ** with ground equipment at **a minimum 7 days prior to planting** spring wheat into no-till or minimum tillage fields. Wheat must be planted a minimum of 2.5 cm (1 inch) deep to ensure crop safety. Do not plant Durum wheat within 30 days of an application of **IPCO BIFECTA EZ**.

IPCO BIFECTA EZ, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds where spring wheat will be planted directly into no-till or minimum tillage fields. Apply IPCO BIFECTA EZ with ground equipment as early as possible **but a minimum of 7 days before planting**. To ensure thorough coverage, use a minimum of 100 litres of spray solution per hectare (10 gallons/acre). Refer to tank mix partner’s label for specified application pressure.

<b>SPRING WHEAT</b>		
<b>Soil Type<sup>1</sup></b>	<b>RATE<sup>2</sup> (L/ha)</b>	<b>COMMENTS</b>
Coarse- textured and medium-textured soil, with <5% organic matter	0.88	<p>IPCO BIFECTA EZ alone will control labelled weeds that have not emerged at time of application. Emerged weeds smaller than 5 cm will also be controlled with good coverage and a uniform spray pattern. To enhance control of emerged weeds use a tank mix with glyphosate or other herbicide or an adjuvant (0.25% v/v non-ionic surfactant or 1.25-2.5 L per hectare crop oil concentrate).</p> <p>A tank mix partner should be used in combination with IPCO BIFECTA EZ for the postemergence control of weeds larger than 5 cm. Recommended tank mix partners are listed in <b>TANK MIX COMBINATIONS FOR SPRING WHEAT<sup>3</sup></b>. Moisture is necessary to activate IPCO BIFECTA EZ on soil for residual weed control. Dry weather following application of IPCO BIFECTA EZ may reduce effectiveness. However, when adequate moisture is received after dry</p>

		conditions, IPCO BIFECTA EZ will control susceptible germinating weeds.
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<sup>1</sup>: Do not apply on soils with > 5% OM, or fine-textured soils.

<sup>2</sup>: The duration of residual control may be reduced with 0.88 L/ha in medium textured soils <5% in OM.

<sup>3</sup>: Refer to the respective tank mix partner label for additional recommendations, restrictions and precautions. Follow the most restrictive application directions for each of the tank mix partners.

#### **TANK MIX COMBINATIONS FOR SPRING WHEAT**

IPCO BIFECTA EZ can be tank mixed with Credit Xtreme / Credit LV (glyphosate), BlackHawk Herbicide, GoldWing Herbicide or Conquer II Herbicide for increased control of emerged weeds.

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

#### **14.2 FALLOW CROPLAND APPLICATIONS**

**IPCO BIFECTA EZ** may be applied in fallow croplands for burndown and residual weed control in fallow cropland. For control of emerged weeds, tank mix with glyphosate or an adjuvant. Reduced weed control may occur when burndown applications are made to fields where heavy crop and/or weed residue exist.

##### **RESTRICTIONS**

- Do not make more than one application per year
- Do not apply to coarse-textured soils, sandy soils, or to sandy loam or loamy sand soils containing less than 2% organic matter.
- Do not incorporate into soil.
- Use only on no-till or minimum tillage fields where last year's crop residue has not been incorporated into the soil.
- Weed control will be reduced if there is mechanical incorporation into the soil or if emerged weeds are controlled by cultivation. Do not perform any tillage operations after application or weed control will be reduced.

##### **APPLICATION TIMING**

IPCO BIFECTA EZ, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds. Apply IPCO BIFECTA EZ with ground equipment and to ensure thorough coverage, use a minimum of 100 litres of spray solution per hectare (10 gallons/acre). Refer to tank mix partner's label for specified application pressure.

IPCO BIFECTA EZ offers residual and postemergence control of susceptible broadleaf and grass weeds as well as an additional mode of action to assist in the control of ALS (acetolactate synthase) resistant weeds. IPCO BIFECTA EZ can be tank mixed with the herbicides listed below. The length of residual control is dependent on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase.



<b>FALLOW CROPLAND</b>		
<b>Soil Type<sup>1</sup></b>	<b>RATE<sup>2</sup> (L/ha)</b>	<b>COMMENTS</b>
Coarse- textured and Medium- textured, with <5% organic matter	1.25	<p>IPCO BIFECTA EZ alone will control labelled weeds that have not emerged at time of application. Emerged weeds smaller than 5 cm will also be controlled with good coverage and a uniform spray pattern. To enhance control of emerged weeds use a tank mix with glyphosate or other herbicide or an adjuvant (0.25% v/v non-ionic surfactant 1.25-2.5 L per hectare crop oil concentrate).</p> <p>A tank mix partner should be used in combination with IPCO BIFECTA EZ for the postemergence control of weeds larger than 5 cm. Recommended tank mix partners are listed in <b>TANK MIX COMBINATIONS FOR FALLOW CROPLAND</b>.</p> <p>Moisture is necessary to activate IPCO BIFECTA EZ on soil for residual weed control. Dry weather following application of IPCO BIFECTA EZ may reduce effectiveness. However, when adequate moisture is received after dry conditions, IPCO BIFECTA EZ will control susceptible germinating weeds.</p>

<sup>1</sup>: Do not apply on soils with > 5% OM, or fine-textured soils.

<sup>2</sup>: Refer to the respective tank mix partner label for additional recommendations, restrictions and precautions. Follow the most restrictive application directions for each of the tank mix partners.

#### **TANK MIX COMBINATIONS FOR FALLOW CROPLAND**

IPCO BIFECTA EZ can be tank mixed with Credit Xtreme / Credit LV (glyphosate), BlackHawk Herbicide, 2,4-D Ester and Dicamba for increased control of emerged weeds. The length of residual control is dependent on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase.

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

### **14.3 FALL APPLICATIONS**

#### **14.3.1 DIRECTIONS FOR USE IN POST-HARVEST / FALL BURNDOWN APPLICATIONS**

**IPCO BIFECTA EZ** may be applied as part of a fall burndown program for residual weed control. For control of emerged weeds, tank mix with glyphosate. Reduced weed control may occur when burndown applications are made to fields where heavy crop and/or weed residue exist.

Application should be made in the fall, just before freeze-up and when winter annuals and perennial weeds are still growing to allow for optimum herbicide absorption and activity. Applications made after a killing frost will result in reduced perennial and winter annual weed control. Do not apply to snow covered or frozen soil. Abnormally warm winters may reduce the length of weed control observed in the spring.

#### **RESTRICTIONS**

- Do not make more than one application per year
- Do not apply to frozen and snow-covered soil.
- Do not apply to coarse-textured soils, sandy soils, or to sandy loam or loamy sand soils containing less than 2% organic matter.
- Do not incorporate into soil.
- Do not apply more than 1.25 L of **IPCO BIFECTA EZ** per hectare during a single fall application prior to seeding soybeans the next season.
- Do not apply more than 1.25 L of **IPCO BIFECTA EZ** per hectare during a single fall application prior to seeding field peas the next season.
- Do not apply more than 1.25 L of **IPCO BIFECTA EZ** per hectare during a single fall application prior to seeding lentils the next season.
- Do not apply more than 1.25L of **IPCO BIFECTA EZ** per hectare during a single fall application prior to seeding spring wheat the next season.
- Weed control will be reduced if there is mechanical incorporation into the soil or if emerged weeds are controlled by cultivation. Do not perform any tillage operations after application or weed control will be reduced. No-till planters that incorporate the soil during planting may result in decreased weed control in the row.
- Do not perform any tillage operation after application or residual weed control will be reduced.
- For Eastern Canada: A minimum of 4 months must pass and 2.5 cm (1 inch) of rainfall/irrigation must occur, between application of **IPCO BIFECTA EZ** and planting of wheat.

NOTE: Abnormally warm or wet winters will reduce the length of weed control observed in the spring following a fall application.

#### **APPLICATION TIMING**

IPCO BIFECTA EZ, applied as part of a fall burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds. Apply IPCO BIFECTA EZ with ground equipment and to ensure thorough coverage, use a minimum of 100 litres of spray solution per hectare (10 gallons/acre). Refer to tank mix partner's label for specified application pressure.

IPCO BIFECTA EZ offers residual and postemergence control of susceptible broadleaf and grass weeds as well as an additional mode of action to assist in the control of ALS (acetolactate synthase) resistant weeds. IPCO BIFECTA EZ can be tank mixed with the herbicides listed below. The length of residual control is dependent on the rate applied as well as on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase.

<b>SOYBEANS</b>		
<b>Soil Type<sup>1</sup></b>	<b>RATE (L/ha)<sup>2</sup></b>	<b>COMMENTS</b>
Coarse- textured and Medium- textured, with <5% organic matter	EASTERN CANADA 1.1 - 1.25	IPCO BIFECTA EZ alone will control labelled weeds that have not emerged at time of application. Emerged weeds smaller than 5 cm will also be controlled with good coverage and a uniform spray pattern. To enhance control of emerged weeds use a tank mix with glyphosate or other herbicide or an adjuvant (0.25% v/v non-ionic surfactant 1.25-2.5 L per hectare crop oil concentrate). A tank mix partner should be used in combination with IPCO BIFECTA EZ for the postemergence control of weeds larger than 5 cm. Recommended tank mix partners are listed in <b>TANK MIX COMBINATIONS<sup>3</sup></b> . Moisture is necessary to activate IPCO BIFECTA EZ on soil for residual weed control. Dry weather following application of IPCO BIFECTA EZ may reduce effectiveness. However, when adequate moisture is received after dry conditions, IPCO BIFECTA EZ will control susceptible germinating weeds.
	WESTERN CANADA 0.88 – 1.25	
<b>FIELD PEAS, LENTILS [Small Red and Large Green Varieties] AND SPRING WHEAT</b>		
Coarse- textured and Medium- textured, with <5% organic matter	0.88 – 1.25	

<sup>1</sup>: Do not apply on soils with > 5% OM, or fine-textured soils.

<sup>2</sup>:The duration of residual control may be reduced with 0.88 L/ha in medium textured soils <5% in OM.

<sup>3</sup>: Refer to the respective tank mix partner label for additional recommendations, restrictions and precautions. Follow the most restrictive application directions for each of the tank mix partners.

**TANK MIX COMBINATIONS**

IPCO BIFECTA EZ can be tank mixed with the herbicides listed below for increased control of emerged weeds. The length of residual control is dependent on the rate applied as well as on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase.

<b>Soybeans</b>	Credit Xtreme / Credit LV (glyphosate) BlackHawk Herbicide 2,4-D Ester
<b>Field Peas and Lentils</b>	Credit Xtreme / Credit LV (glyphosate) BlackHawk Herbicide
<b>Spring Wheat</b>	Credit Xtreme / Credit LV (glyphosate) BlackHawk Herbicide

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

#### 14.4 BARE GROUND IN NON-CROP AREAS OF FARMS

##### RESTRICTIONS:

- Do not apply to farm alleys or roads where traffic may result in treated dust settling onto crops or other desirable vegetation.
- Do not apply within 100 metres of non-dormant pears.
- Do not apply to ditch banks.
- Do not apply to powdery soils or soils that are susceptible to wind displacement unless irrigation can be applied immediately after application.
- Do not apply more than 1.25L of IPCO BIFECTA EZ per hectare during a single application.

IPCO BIFECTA EZ, when used as directed, can be used on farms for non-selective vegetation control to maintain bare ground on non-crop areas that must be kept weed free. Follow all applicable directions as outlined above under **12. GENERAL USE INFORMATION**.

##### APPLICATION TIMING

IPCO BIFECTA EZ offers residual and postemergence control of susceptible broadleaf and grass weeds as well as an additional mode of action to assist in the control of ALS (acetolactate synthase) resistant weeds. IPCO BIFECTA EZ can be tank mixed with the herbicides listed below in TANK MIX COMBINATIONS TO MAINTAIN BARE GROUND NON-CROP AREAS OF FARMS for increased residual or postemergence control. The length of residual control is dependent on the rate applied as well as on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase. Rates of IPCO BIFECTA EZ of 1.25 L/ha are required to provide residual control of the weeds listed in table 13.2 WEEDS CONTROLLED AND SUPPRESSED above.

IPCO BIFECTA EZ alone will control labelled weeds that have not emerged at time of application. Emerged weeds smaller than 5 cm will also be controlled with good coverage and a uniform spray pattern. To enhance control of emerged weeds use a tank mix with glyphosate or an adjuvant (0.25% v/v non-ionic surfactant or 1.25-2.5 L per hectare crop oil concentrate).

A tank mix partner should be used in combination with IPCO BIFECTA EZ for the postemergence control of weeds larger than 5 cm. Recommended tank mix partners are listed in **TANK MIX COMBINATIONS TO MAINTAIN BARE GROUND NON-CROP AREAS OF FARMS**. Moisture is necessary to activate IPCO BIFECTA EZ on soil for residual weed control. Dry weather following application of IPCO BIFECTA EZ may reduce effectiveness. However, when adequate moisture is received after dry conditions, IPCO BIFECTA EZ will control susceptible germinating weeds.

**TANK MIX COMBINATIONS TO MAINTAIN BARE GROUND NON-CROP AREAS OF FARMS**

IPCO BIFECTA EZ can be tank mixed with Credit Xtreme / Credit LV (glyphosate) for increased control of emerged weeds. The length of residual control is dependent on the rate applied as well as on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase.

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

**15.0. ROTATIONAL RESTRICTIONS**

The following rotational crops may be planted after applying **IPCO BIFECTA EZ** at the listed rate. Planting earlier than the recommended rotational interval may result in crop injury.

IPCO BIFECTA EZ Rate	Crop	Rotational Interval
0.88L/ha	Soybean, field corn, chickpea, field pea	Immediately
	Spring Wheat, Lentils [small red and large green varieties]	7 days
	Winter wheat, Durum Wheat <sup>2</sup>	4 months
	All other crops not listed <sup>1</sup>	12 months
1.1-1.25 L/ha	Soybean, field corn, chickpea, field pea	Immediately
	Spring Wheat	7 days
	Winter wheat	4 months
	Lentils [small red and large green varieties]	6 months
	All other crops not listed <sup>1</sup>	12 months

<sup>1</sup> Successful soil bioassay must be performed prior to planting crops not listed.

<sup>2</sup> Fall seeded or cover crops such as wheat, oats, and rye may be injured when seeded within the same season as the application of IPCO BIFECTA EZ.

After periods of extended drought, when there is a lack of adequate soil moisture, longer rotational intervals may be needed. A successful soil bioassay should be performed prior to planting potential rotational crops to confirm safety.