



2021 Guide to Crop Protection Spring Update

Index of New Products:

Herbicides

Beloukha Herbicide	p. 3
Certitude	p. 5
Prominex.....	p. 6
Steel.....	p. 7

Fungicide

Prosaro PRO	p. 9
--------------------------	-------------

Insecticide

Intrepid	p. 12
-----------------------	--------------

Herbicides

Additions and other changes:

UAP Canada contact info is www.uap.ca 1-800-561-5444

Table 1, p. 59 (Barley)

- Add Prominex see label in Addendum
- Add Steel see label in Addendum

Table 2, p. 60 (Oats)

- Add Steel see label in Addendum

Table 4, p. 62 (Wheat)

- Add Prominex see label in Addendum
- Add Steel see label in Addendum

Table 5, p. 63 (Corn)

- Add Heat Complete (residual component) page 258
- Add Valtera page 421

Table 6, p. 64 (Soybeans)

- Add MPower Boa IQ page 303
- Add Tiedown page 389

Table 7, p.65 (Pea)

- Add Fierce page 207
- Add MPower Boa IQ page 303

Table 8, p.65 (Other Pulses)

- Add Fierce page 201
- Add imazamox + bentazon page 266
- Add MPower Boa IQ page 303

Table 16a, 16b p. 70, 71 (Burn off tables)

- Add Certitude see label in Addendum

p. 57 add Co-op Surfactant NI PCP#33300, IPCO MSO Adjuvant PCP#33757, IPCO Surfactant NI PCP#33759

p. 136 Albaugh Bromoxynil-MCPA 225-225 packaging size is 2 x 10 L, 115 L, 1000L

p. 142 add Maxunitech Carfentrazone-ethyl 240EC Herbicide PCP#33127, IPCO C-Zone carfentrazone-ethyl 240 g/L PCP#33580

p. 153 Albaugh Slam'R package size is 1 x 3.68 L + 1 x 3 L Surf

p. 164 add IPCO Clomazone 360 g/L microcapsule suspension PCP#33910

p. 222 Ikwin is a UAP product, not Great Northern Growers; Albaugh Fluro Star package size is 9.6 L

p. 240 add Mad Dog K Plus glyphosate K+ 540 g ae/L PCP#32457

p. 268 add Judo 35% imazamox + 35% imazethapyr PCP#33949

p. 280 Linuron 400 is no longer on the market

p. 284 Manipulator 620 label expansion to include aerial use

p. 288 Topside is no longer on the market

p. 318 Optica Trio is no longer on the market

p. 345 add IPCO Contender II quizalofop-ethyl 96 g/L PCP#33960, Co-op Contender II quizalofop-ethyl 96 g/L PCP#33961

p. 359 add Rezuvant XL see label for rates. Rezuvant crop staging is 3 leaf stage to just prior to the emergence of the flag leaf.

p. 390 – Impact pkg. size is 0.6L, not 8L

Add the following co-packs:

1. IPCO Exhilarate: Exhilarate A (PCP#33803) + IPCO MCPA Ester 600 (PCP#27802)
2. Co-Op Exhilarate: Exhilarate A (PCP#33803) + Co-Op MCPA Ester 600 (PCP#29001)
3. IPCO Octagon: IPCO Brotex 4AT (PCP#33554) + IPCO C-Zone (PCP#33580)
4. Co-Op Octagon: Co-Op Brotex 4AT (PCP#33828) + IPCO C-Zone (PCP#33580)
5. IPCO Trigon: IPCO Brotex 4AT (PCP#33554) + IPCO C-Zone (PCP#33580) + IPCO Clomazone (PCP#33910)

Add the following new herbicides (labels at end of Addendum):

Beloukha Herbicide – desiccant in wheat, barley, oats and potatoes

Certitude – pre-seed weed control for canola

Prominex – post-emergent weed control for perennial and annual broadleaved weeds in spring wheat (including durum), winter wheat and barley

Steel – post emergent weed control for annual broadleaved weeds in spring wheat (including durum), barley and oats

The following had labels that referred to incorrect pages. Here are the correct references:

- p. 118 Axial see pinoxaden on page 329
- p. 165 Command Charge is prepackaged tank mix of Command 360 ME (Command Charge A) page 164 and Aim EC (Command Charge B) page 142
- p. 168 Conquer is a prepackaged tank mix of bromoxynil page 131 and Aim EC page 142
- p. 208 Florasulam + Clopyralid + MCPA is a prepackaged tank mix of florasulam page 206 and the equivalent of clopyralid + MCPA page 158
- p. 209 Florasulam + glyphosate is a prepackaged tank mix of florasulam page 206 and glyphosate page 240
- p. 224 Fluroxypyr + 2,4-D is a prepackaged tank mix of fluroxypyr page 222 and 2,4-D ester page 89
- p. 234 Frontline 2,4-D is a prepackaged tank mix of florasulam page 206 and the equivalent of 2,4-D page 89
- p. 276 Intruvix is a prepackaged tank mix of the equivalent of Express FX (Intruvix A) page 196 and the equivalent of Aim (Intruvix B) page 142
- p. 283 Luxxur is a co-pack of the components that are the equivalent of Varro page 424 and the equivalent of Express SG (tribenuron) page 402
- p. 303 MPOWER Boa IQ is a prepackaged tank mix of MPOWER Boa (bentazon) page 124 and MPOWER Quiz (quizalofop) page 345
- p. 304 MPOWER Foxy CRX is a prepackaged tank mix of MPOWER Foxy (fluroxypyr) page 222, MPOWER RX (thifensulfuron:tribenuron 2:1) page 384 and MPOWER Clobber (clopyralid) page 156
- p. 306 MPOWER Ninja Master is a prepackaged tank mix of MPOWER Ninja (imazamox/imazethapyr) page 268 and MPOWER Independence (clethodim) page 149
- p. 316 Odyssey Ultra NXT is a prepackaged tank mix of Odyssey NXT (imazamox/imazethapyr) page 268 and Poast Ultra page 334
- p. 337 Predicade is a prepackaged tank mix of Predicade Broadleaf (equivalent to Barricade SG), Predicade Grass (equivalent to Varro) page 242, Perimeter II (fluroxypyr) page 222 and NuFarm MCPA ester 600 page 285
- p. 341 Prism SG see rimsulfuron page 360
- p. 354 Retain SG see thifensulfuron:tribenuron 2:1 + fluroxypyr page 381
- p. 430 add potatoes to Zidua label for early season residual suppression of foxtail (green and yellow), common waterhemp, kochia, lamb's quarters and redroot pigweed

Beloukha Herbicide

Herbicide Group
26 – pelargonic acid
(Refer to page 49)

Company:

Belchim Crop Protection Canada Inc.
500 g/L formulation (PCP#33685)
680 g/L formulation (PCP#33686)

Formulation:

500g/L and 680g/L pelargonic acid formulated as an emulsifiable concentrate.
Container size: 0.1L - Bulk

Crops and Staging:

Wheat, barley, oats: use at onset of senescence for foliage desiccation and weed management prior to harvest.

Potato: use at onset of senescence for foliage desiccation .

Weeds, Rates and Staging:**Wheat, barley, oats:**

500 g/L formulation 4.5-8.9 L/acre.
680 g/L formulation 3.2-6.5 L/acre

Potato:

500 g/L formulation 6.5-8.9 L/acre.

680 g/L formulation 4.9-6.5 L/acre

Weeds controlled: Redroot pigweed, shepherd's purse, lamb's-quarters, common chickweed, mouse-eared chickweed, common groundsel, plantain, black nightshade, perennial sow thistle, purslane, black medic, henbit, cranesbill, fescue, perennial ryegrass.

Weeds suppressed: Canada fleabane, annual sowthistle, dandelion, Dutch clover, prostrate knotweed, barnyard grass, meadow fescue, bluegrass.

Refer to the product label for complete mixing instructions for this product and its mixes. A general guide to mixing can be found on page 12.

Application Information:

Water Volume: Wheat, barley, oats – 80-121 L/acre. Potatoes – 121 L/acre.

Nozzles and Pressure: ASABE (S572.1) medium or larger droplets.

Screens:

How it Works:

Refer to Table 9 on page 54.

Effects of Growing Conditions:

Do not apply Beloukha Herbicide during periods of extreme weather conditions, drought, or heavy rainfall. Allow the correct environmental conditions (i.e. irrigate in drought or allow to dry in wet conditions) for at least 3 days prior to applying.

Tank Mixes:

Herbicides: none registered.

Restrictions:

Rainfall: No rainfast period is specified on the label; required interval may be up to 8 hours. Contact manufacturer for more information.

Re-Entry Interval: DO NOT enter treated fields until spray has dried.

Grazing: n/a

Pre-harvest Interval: n/a

Re-cropping Interval: n/a

Aerial Application: DO NOT apply by air.

Storage: Store above 5°C.

Buffer Zones: Avoid spraying in situations where drift may occur. DO NOT apply during periods of dead calm.

Method of Application	Buffer Zones (metres [†]) Required for the Protection of Terrestrial habitat:
Ground*	1

See page 40 for an explanation of the different habitats.

* Buffer zones may be reduced when using drift reduction measures. See the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

† Distance measured as metres from the downwind edge of the spray boom to sensitive habitat.

Tank Cleaning: Always clean tank, pump and line thoroughly with water after use.

Hazard Rating:

Warning – Eye and Skin Irritant

Caution – Poison

Certitude

This product is a prepackaged tank mix of Certitude A (equivalent to topramezone (page 390), Certitude B (equivalent to bromoxynil 235 g/L (page 131)) and Merge adjuvant. Information listed is restricted to Crop, Weeds and Rates. For other detailed restrictions and other general information on the component products see the project pages listed above.

Herbicide Group

6 – bromoxynil
27 – topramezone
(Refer to page 49)

Company:

BASF Canada

Formulation:

The *Certitude* package contains the following components:

Certitude A (PCP#33908): 336 g/L topramezone formulated as a suspension concentrate

Certitude B (PCP# 33893): 235 g/L bromoxynil formulated as an emulsifiable concentrate.

Container sizes: Certitude A 291 ml, Certitude B 9.71 L, Merge 8.1 L

Crops and Staging:

Canola: prior to seeding

Weeds, Rates and Staging:

Weeds controlled when tank mixed with glyphosate (emerged weeds up to 4 leaf stage, except when indicated) ¹: Chickweed, cleavers, cow cockle², flixweed, hemp-nettle, kochia³, lady's thumb, lamb's-quarters (only up to 15 cm in height), narrow-leaved hawksbeard, redroot pigweed, Russian thistle, stinkweed⁴, volunteer canola (cotyledon to 6 leaf), volunteer flax, wild buckwheat, wild mustard², barnyard grass, downy brome, green foxtail, volunteer barley, volunteer wheat, wild oats.

¹ When applied with glyphosate 1 REL is recommended

² Under normal conditions will be controlled to the 4 leaf stage. Plants beyond this stage are unlikely to be controlled.

³ Including all resistant biotypes

⁴ Including triazine-resistant biotypes

Rates:

Certitude A: 7 ml /acre

Certitude B: 243 ml/acre

Merge: 202 ml/acre

Refer to the product label for complete mixing instructions for this product and its mixes. A general guide to mixing can be found on page 12.

See component products for more information on restrictions, application details and handling. Unless indicated differently above, use the most limiting restrictions across all components for the mix.

Prominex	Herbicide Group 4–halauxifen 4–clopyralid & 4–fluroxypyr <i>(Refer to page 49)</i>
-----------------	---

Company:

Corteva AgriScience (PCP#34021)

Formulation:

4.7 g/L halauxifen, 97.8 g/L clopyralid and 122.2 g/L fluroxypyr formulated as a micro emulsion.
Container size: 2 x 8.3 L.

Crops and Staging:

Spring wheat (including durum), winter wheat and barley: from 3 leaf stage to just prior to flag leaf emergence.

Weeds, Rates and Staging:

Wheat (including durum), winter wheat, barley: 414 ml/acre.

Weeds controlled (1-8 leaf stage unless otherwise specified): Barnyard grass (up to 5-leaf, 2-tiller), alfalfa (up to 25 cm in height), American dragonhead (up to bud stage and 15 cm in height), Canada fleabane (up to 15 cm in height)*, Canada thistle (rosette to pre-bud), chickweed, cleavers (1-9 whorl), common ragweed (up to 6 leaf stage), cow cockle (up to 8 leaf stage and 15 cm in height), flixweed (up to 8 leaf and 8 cm in height), hemp-nettle, henbit (up to bud stage and 15 cm in height), giant ragweed (up to 8 leaf stage), kochia (up to 15 cm in height), lamb's quarters, nightshade species (including eastern black, hairy and cutleaf, up to the 6 leaf stage), round-leaved mallow (up to 6 leaf stage), shepherd's purse (up to bolting and 20 cm in height), stork's bill (up to 8 leaf stage), velvetleaf (up to 5 leaf stage), volunteer flax (up to 15 cm in height), wild buckwheat.

Weeds suppressed: Annual sow-thistle (up to 5 leaf stage), wild mustard (1-4 leaf stage, up to 10 cm in height)

* Including Group 2 and 9 resistant biotypes.

Refer to the product label for complete mixing instructions for this product and its mixes. A general guide to mixing can be found on page 12.

Application Information:**Water Volume:**

Ground: 20 to 80 L/acre.

Aerial: minimum 12L/acre.

Nozzles and Pressure: DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASABE S572.1) coarse classification.

How it Works:

Refer to Table 9 on page 54.

Effects of Growing Conditions:

Extreme growing conditions such as drought or near freezing conditions prior to, at or following time of application may reduce weed control and increase risk of crop injury at all stages of growth. Under conditions of low crop and high weed density, control may be reduced.

Tank Mixes:

Herbicides: MCPA ester, 2,4-D ester, Simplicity GoDRI, Simplicity, Liquid Achieve SC, Trondus, Axial, Horizon 240EC*, Horizon NG, Puma 120 Super**, Puma Advance, Everest 2.0***, Traxos.

*Horizon 240EC may be substituted with any equivalent product delivering 56 g ai/ha clodinafop-propargyl at the label use rate.

**Puma 120 Super may be substituted with any equivalent product delivering 92 g ai/ha fenoxaprop-p-ethyl

***Everest 2.0 WDG may be substituted with any equivalent product delivering 24 g ai/ha flucarbazone.

See label for tank mix instructions.

Restrictions:

Rainfall: 4 hours.

Re-Entry Interval: DO NOT enter treated fields for at least 12 hours.

Grazing: Livestock may be grazed 7 days after application.

Pre-harvest Interval: Do not harvest within 60 days of application. Do not cut the treated crop for hay or silage within 20 days of application.

Re-cropping Interval: Spring wheat, barley, oats, canola, corn, soybeans, flax, field peas, mustard, timothy can be grown 10 months after application. Very dry soil conditions following application can result in a risk of injury to soybeans or field peas. If severe drought conditions are experienced during the months of June to August inclusive (less than 14 cm of rainfall) in the year of application, delay seeding of soybeans and field peas until 22 months after application.

Aerial Application: May be applied by air.

Storage: Store in original containers in a secure, dry heated storage.

Buffer Zones: Avoid spraying in situations where drift may occur. DO NOT apply during periods of dead calm.

Method of Application	Buffer Zones (metres [†]) Required for the Protection of Aquatic habitat:		Buffer Zones (metres [†]) Required for the Protection of Terrestrial habitat:
	Less than 1 m	More than 1 m	
Ground*	1	1	2
Fixed Wing Aircraft	10	1	125
Helicopter	5	1	95

See page 40 for an explanation of the different habitats.

* Buffer zones may be reduced when using drift reduction measures. See the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

† Distance measured as metres from the downwind edge of the spray boom to sensitive habitat.

Tank Cleaning:

Refer to 'Method B' on pages 13 and 14.

Hazard Rating:

Warning – Eye and Skin Irritant

Steel	Herbicide Group 2 – florasulam 4 – fluroxypyr (Refer to page 49)
--------------	--

Company:

Sharda CropChem Limited (PCP#33936)

Formulation:

2.5 g/L florasulam and 100 g/L fluroxypyr formulated as an emulsifiable concentrate.

Container size: 1L to bulk.

Crops and Staging:

Spring wheat (including durum), barley and oats: from 2 leaf expanded to 6 leaf stage.

Weeds, Rates and Staging:

Wheat (including durum), barley and oats: 405 ml/acre.

Weeds controlled: Cleavers, chickweed, kochia*, volunteer flax, wild buckwheat.

*including ALS resistant biotypes.

Refer to the product label for complete mixing instructions for this product and its mixes. A general guide to mixing can be found on page 12.

Application Information:

Water Volume: minimum 40 L/acre.

Nozzles and Pressure: ASABE (S572.1) medium or larger droplets.

How it Works:

Refer to Table 9 on page 54.

Effects of Growing Conditions:

Apply when weeds are actively growing.

Tank Mixes:

Herbicides: MCPA ester, Assert 300 SC, Axial 100 EC, Everest 2.0. See label for tank mix instructions.

Restrictions:

Rainfall: No rainfall period is specified on the label; required interval may be up to 8 hours. Contact manufacturer for more information.

Re-Entry Interval: DO NOT enter treated fields for at least 12 hours.

Grazing: Livestock may be grazed 7 days after application.

Pre-harvest Interval: Do not harvest within 60 days of application.

Re-cropping Interval: Barley, canola, corn, dry common beans, flax, lentils, mustard, oats, peas, potatoes (except seed potatoes), soybeans, sunflower, or wheat can be grown 10 months after application.

Aerial Application: Do not apply by air.

Storage: Store in original containers in a secure, dry heated storage.

Buffer Zones: Avoid spraying in situations where drift may occur. DO NOT apply during periods of dead calm.

Method of Application	Buffer Zones (metres [†]) Required for the Protection of Aquatic habitat:	Buffer Zones (metres [†]) Required for the Protection of Terrestrial habitat:
Ground*	15	30

See page 40 for an explanation of the different habitats.

* Buffer zones may be reduced when using drift reduction measures. See the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

† Distance measured as metres from the downwind edge of the spray boom to sensitive habitat.

Tank Cleaning:

Refer to 'Method B' on pages 13 and 14.

Hazard Rating:

Warning – Eye and Skin Irritant



2021 Guide to Crop Protection

Spring Update

Fungicides

New Fungicide

Prosaro PRO

Fungicide Groups – 3, 7

Company:

Bayer (PCP# 34093)

Formulation:

200 g per L prothioconazole, 100 g per L tebuconazole, and 200 g per L fluopyram formulated as a suspension concentrate.

Container Size:

6.08 L

Crop:	Diseases Controlled:	Diseases Suppressed:	Application Rate (per acre):	Application Timing:
Wheat (Spring, winter, and durum) Triticale (spring and winter)	Rusts (Leaf, Stem and Stripe) (<i>Puccinia triticina</i> , <i>P. graminis</i> , <i>P. striiformis</i>) Leaf & Glume Blotch (<i>Septoria tritici</i> , <i>Stagonospora nodorum</i>) Tan Spot (<i>Pyrenophora tritici-repentis</i>) Powdery Mildew (<i>Blumeria graminis</i> syn. <i>Erysiphe graminis</i>) Spot Blotch (<i>Cochliobolus sativus</i>)	Fusarium Head Blight (<i>Fusarium</i> spp.) Ergot (<i>Claviceps purpurea</i>)	304 mL	FHB: apply within the time period from when at least 75% of the heads on the main stem are fully emerged to when 50% of heads on the main stem are in flower. Application at this timing will also control the listed leaf diseases.
Barley	Control of net blotch (<i>Pyrenophora teres</i>), scald (<i>Rhynchosporium secalis</i>), spot blotch (<i>Cochliobolus sativus</i>), septoria leaf blotch (<i>Septoria passerinii</i>), leaf rust (<i>Puccinia hordei</i>), stem rust (<i>Puccinia graminis</i>), stripe rust (<i>Puccinia striiformis</i>), powdery mildew (<i>Erysiphe graminis</i>)	Fusarium Head Blight (<i>Fusarium</i> spp.) Ergot (<i>Claviceps purpurea</i>)	304 mL	FHB: apply within the time period when 70 to 100% of barley heads on the main stem are fully emerged to 3 days after full head emergence. Application at this timing will also control the listed leaf diseases.

Oats	Crown Rust (<i>Puccinia coronata</i>) Stem Rust (<i>Puccinia graminis</i>) Stagonospora (Septoria) leaf blotch and black stem (<i>Stagonospora avenae</i> syn. <i>Septoria avenae</i>)	Fusarium Head Blight (<i>Fusarium</i> spp.) Ergot (<i>Claviceps</i> <i>purpurea</i>)	304 mL	Leaf and Stem Diseases: Apply PROSARO PRO as a preventive foliar spray when the earliest disease symptoms appear on the leaves and stems. Fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. For suppression of fusarium head blight and ergot, apply PROSARO PRO as a preventative spray within the time period from when at least 75% of the oat panicles on the main stem are fully emerged to when 50% of the panicles on the main stem are in flower.
------	--	--	--------	--

Application Information:

Minimum water volume (ground): 40 L per acre

Minimum water volume (air): 20 L per acre

Apply with a non-ionic surfactant @ 0.125% v/v

Rainfast - 1 hour

How it Works:

The active ingredients prothioconazole and tebuconazole are demethylation inhibitors with broad-spectrum systemic activity. The active ingredient fluopyram is a succinate dehydrogenase inhibitor with systemic and residual activity.

Tank Mixes:

None registered.

Restrictions:

Maximum number of applications - 1

Re-entry interval: 12 hours

Pre-harvest interval: 36 days Grazing/feeding 14

Re-cropping interval: Treated areas may be replanted with any crop specified on this label and soybean as soon as practical after the last application. For all other crops, do not plant back within 120 days of last application.

Storage: Store this product away from food or feed. Do not contaminate water, food, or feed by storage or disposal. Do not store below freezing. If stored for 1 year or longer, shake well before using.

Environmental Restrictions (Include toxicity information):

Toxic to birds, small wild mammals, aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Tebuconazole is persistent and may carryover. It is recommended that this product not be used in areas treated with

any products containing tebuconazole during the previous season.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body. This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination

Hazard Rating:

TBD

New Uses

Delaro 325 SC	Fungicide Groups – 3, 11
----------------------	---------------------------------

Company:

Bayer (PCP# 31533)

Crop – Faba Bean

Diseases – Grey mould and Chocolate spot (*Botrytis cinerea*), White mould (*Sclerotinia sclerotiorum*)

Rate – 365 mL per acre

Timing – Begin fungicide applications at the beginning of flowering or at first sign of disease

Errata

Errors and Omissions:

- Product Verimark transferred from Corteva to FMC
- Instructions for treating soybean with Heads Up Plant Protectant:

Rate information: Mix 1 gram of product per 1L of water. Apply 1L of solution for every 100 to 264 kg of potato seed.

For soybeans / dry beans: Mix 50 gram package to 3L of water. Each 37 mL of solution treats 100 Kg of seed. Follow label to achieve appropriate coverage with additional carrier.

- Dots missed with Insure Cereal FX4 in Table 7, Control of Loose smut in Rye, and Seedling diseases in Canaryseed
- Container size of Penncozeb 80WP – 20 Kg
- Belmont 2.7 FS is *only available to commercial seed treaters*
- Belmont is a registered treatment for triticale, *unless the crop is intended for export*
- StorOx now distributed by StorCool Potato Services

Seed Treatments removed from the 2021 edition of The Guide:

- Gaucho CS FL
- Rancona Pinnacle - still have Cover2 under Ipconazole + Metalaxyl
- Titan Emesto

2021 Guide to Crop Protection

Spring Update

Insecticides

New Insecticide

Intrepid

Insecticide Group – 18

Company:

Corteva AgriScience (PCP# 27786)

Formulation:

240 grams per litre methoxyfenozide

Crop	Insect	Rate per acre	Preharvest interval (days)	Application (A=aerial; G=ground)
Corn (field and sweet)	European corn borer	121 – 243 mL	21 (Field corn) 3 (Sweet corn)	G
Beans (dry)	European corn borer	121 – 243 mL	7	G

How it Works:

Intrepid Insecticide belongs to the diacylhydrazine class of insecticides and mimics the action of the molting hormone of larval Lepidoptera. Upon ingestion, larvae undergo an incomplete and developmentally premature molt which is ultimately lethal. This process interrupts and rapidly halts their feeding. Feeding typically ceases within hours of ingestion although complete mortality of the larvae may take several days. Affected larvae often become lethargic and develop discoloured areas or bands between segments.

Environmental Hazards: Toxic to aquatic organisms. Observe specified buffer zones. 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.

Methoxyfenozide is persistent and will carryover; it is recommended that Intrepid not be used in areas treated with this product during the previous season.