

2025-5071
2025-11-18

(Container label)

GROUP	15	HERBICIDE
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Metrik 915EC

EMULSIFIABLE CONCENTRATE FOR SELECTIVE WEED CONTROL

COMMERCIAL - AGRICULTURAL

ACTIVE INGREDIENT: S-Metolachlor and R-enantiomer ... 915 g/L

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

CAUTION – EYE IRRITANT

REGISTRATION NO: 35721___ PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1 L - Bulk

Tide International Canada Inc.
245 Hanlon Creek Boulevard, Unit 102
Guelph ON N1C 0A1
+1 866 699 7717

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.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre IMMEDIATELY. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

IF SWALLOWED, call a poison control centre or doctor IMMEDIATELY for treatment advice. 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 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 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.

TOXICOLOGICAL INFORMATION

If swallowed, there is no specific antidote. Treat symptomatically.

The active ingredient in this product, S-Metolachlor, has a high affinity for activated charcoal. A suspension of activated charcoal in water can be given to absorb the remaining toxicant.

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. May irritate eyes. Avoid contact with eyes or prolonged contact with skin. Avoid inhalation of vapours or spray mist. Do not contaminate food, feed, domestic or irrigation water supplies, lakes, streams and ponds.

RESTRICTED-ENTRY INTERVAL (REI): 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. DO NOT apply by air.

CAUTION: DO NOT graze treated immature crops or cut for hay. In the case of corn, immature means before ear emergence. DO NOT harvest sweet corn within 45 days of application. DO NOT harvest other corn within 80 days of making a post-emergent application. Make only one application per season.

PERSONAL PROTECTIVE EQUIPMENT

Wear a long-sleeved shirt, long pants, a hat, socks, enclosed boots and chemical-resistant gloves during mixing, loading, application, clean-up, and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab. Avoid breathing vapours or spray mist. If ventilation is not adequate, wear a respirator with a NIOSH-approved organic-vapour-removing cartridge (with a prefilter) approved for pesticides, or a NIOSH-approved canister approved for pesticides. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash splashes from skin IMMEDIATELY with plenty of water. Remove PPE immediately after handling this product. Wash the outside of gloves with soap and water before removing. As soon as possible, wash thoroughly and change into clean clothing.

After spraying, wash hands and shower thoroughly with soap and water.

Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. Do not reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water before reuse. Store and wash PPE separately from household laundry.

Wear freshly laundered clothes daily. Do not wear contaminated shoes.

Do not eat, drink, smoke or apply cosmetics in areas where there is potential for exposure to this product.

Wash hands and face before eating, drinking, smoking or using the toilet.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic plants and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

STORAGE

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated and secure area out of the reach of children, unauthorized persons and animals. Store this product away from seed, foodstuffs, feed, fertilizer and beverages and tobacco. Keep away from fire or open flame, or other sources of heat. This product does not require heated storage.

DISPOSAL

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

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 rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial or territorial requirements.

FOR 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 use this container for any other purpose.

(Booklet label)

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DO NOT apply by air.

CAUTION: DO NOT graze treated immature crops or cut for hay. In the case of corn, immature

means before ear emergence. DO NOT harvest sweet corn within 45 days of application. DO NOT harvest other corn within 80 days of making a post-emergent application. Make only one application per season.

PERSONAL PROTECTIVE EQUIPMENT

Wear a long-sleeved shirt, long pants, a hat, socks, enclosed boots and chemical-resistant gloves during mixing, loading, application, clean-up, and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab. Avoid breathing vapours or spray mist. If ventilation is not adequate, wear a respirator with a NIOSH-approved organic-vapour-removing cartridge (with a prefilter) approved for pesticides, or a NIOSH-approved canister approved for pesticides. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash splashes from skin IMMEDIATELY with plenty of water. Remove PPE immediately after handling this product. Wash the outside of gloves with soap and water before removing. As soon as possible, wash thoroughly and change into clean clothing. After spraying, wash hands and shower thoroughly with soap and water.

Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. Do not reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water before reuse. Store and wash PPE separately from household laundry.

Wear freshly laundered clothes daily. Do not wear contaminated shoes.

Do not eat, drink, smoke or apply cosmetics in areas where there is potential for exposure to this product. Wash hands and face before eating, drinking, smoking or using the toilet.

ENVIRONMENTAL PRECAUTIONS

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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 use this container for any other purpose.

PRODUCT INFORMATION

Metrik 915EC provides selective weed control in corn, soybeans, dry common beans and other labelled crops.

Metrik 915EC contains benoxacor which has been shown to enhance S- Metolachlor metabolism in corn. This enhanced metabolism can reduce the potential of S-Metolachlor injury to corn seedlings when grown under unfavourable weather conditions such as cool temperature or water stress. Use of Metrik 915EC will not provide improved crop safety on other labelled crops.

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 Tide International Canada, Inc. at +1-866-699-7717 for information before applying any tank mix that is not specifically recommended on this label.

WEEDS CONTROLLED

American Nightshade ¹	Foxtail (green, yellow, giant)
Eastern Black Nightshade ¹	Old Witchgrass
Crabgrass (smooth, hairy)	Yellow Nutsedge ²
Barnyard Grass	Redroot Pigweed ³ (suppression only)
Fall Panicum	

- NOTES:
- 1 Pre-emergent treatments sometimes give better control than pre-plant surface, pre-plant incorporated or post-emergent treatments.
 - 2 Pre-plant incorporated treatment only. Extended periods of dry hot weather following application may result in reduced nut sedge control.
 - 3 Pre-plant incorporated and pre-emergent treatments only.

DIRECTIONS FOR USE

GENERAL INFORMATION

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.

APPLICATION INFORMATION

DO NOT apply by air.

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

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,
- soil drench or soil incorporation.

A spray buffer zone of 29-metres is 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.

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASABE) category indicated on the labels for those tank mix

partners.

The spray buffer zones for this product 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.

PRE-PLANT SURFACE APPLICATION

For minimum tillage (reduced tillage), and no-till (zero-till) systems in corn and soybeans. Do not use for soybean, immature seed (edamame).

Applications may be made up to 30 days before planting.

To the extent possible, do not move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

PRE-PLANT INCORPORATION APPLICATION

Immediate incorporation is not necessary.

Incorporation equipment should include rolling or western harrows.

On sandy soils, heavy rainfall following an incorporated treatment may cause leaching of the herbicide.

Incorporation Instructions		
Type of equipment	Maximum working depth	Minimum speed
"S"-Tine (Danish) cultivator	10 cm	10 km/hr
"C"-Tine cultivator with overlapping sweeps	10 cm	10 km/hr
Tandem disc (maximum 18 cm spacing between discs)	10 cm	6 km/hr
Power driven cultivator	5 cm	Any
Mulch Master	5 cm	10 km/hr

Metrik 915EC may be applied as an overall spray or as a band treatment. For band treatment, a suitable press wheel mounted ahead of the nozzle should be used for levelling the band. For band application, use proportionately less material.

PRE-EMERGENT APPLICATION

Apply evenly to a firm, lump-free seed bed.

If an activating rain (>1.25 cm) is not received within 7-10 days after a pre-emergent application, cultivate or use other weed control measures if weeds develop.

Pre-emergent applications may also be made in reduced tillage, ridge tillage, and no-till systems in corn and soybeans.

Minimize exposure of untreated soil when cultivating or fertilizing.

POST-EMERGENT APPLICATION

CORN ONLY.

Apply when corn is in the spike to 6-leaf stage and before weeds pass the 2-leaf stage.

Some leaf burn may occur but yield will not be affected.

DO NOT tank-mix Metrik 915EC with fluid fertilizers, oils, oil concentrates or surfactants when applying post-emergent.

DO NOT graze treated immature crops or cut for hay. In the case of corn, immature means before ear emergence.

DO NOT harvest sweet corn within 45 days of application.

DO NOT harvest other corn within 80 days of making a post-emergent application.

CAUTION:

Do not apply to soils that contain less than 1% or more than 10% organic matter.

Winter cereals may be planted 4 1/2 months following application.

If drought conditions persist after either a pre-plant surface, pre-plant incorporated or pre-emergent application, annual grass control may not be adequate.

LIQUID FERTILIZERS

Nitrogen solutions or complete liquid fertilizers may replace water as a carrier for pre-plant surface, pre-plant incorporated or pre-emergent application of Metrik 915EC alone or in tank mixes in corn. Do not use fertilizer solutions for post-emergent applications. Always predetermine the compatibility of Metrik 915EC or labelled Metrik 915EC tank mixes with the water or liquid fertilizer carrier by mixing small proportional quantities in advance using the WALES mixing order. Always consult the label of the tank mix partner if tank mixtures are to use liquid fertilizer as the carrier.

DRY BULK GRANULAR FERTILIZERS

Many dry bulk granular fertilizers may be impregnated with Metrik 915EC plus AATREX® Liquid 480 Herbicide for pre-plant incorporated application to control weeds in corn. Prepare the herbicide/fertilizer mixtures by using any commonly used dry bulk fertilizer blender. Spray herbicide mixture uniformly onto fertilizer. If the herbicide/fertilizer mixture is too wet, the use of a highly absorptive powder (generally less than 2% by weight) such as Microcel E, diatomaceous earth or finely powdered clay is recommended.

For best results, apply Metrik 915EC/fertilizer mixtures or Metrik 915EC plus AATREX Liquid 480 Herbicide/fertilizer mixtures uniformly to the soil with properly calibrated equipment immediately after blending and incorporate according to label directions.

NOTE: Apply a minimum of 225 kg per hectare of dry granular fertilizer impregnated with recommended rates of Metrik 915EC alone or Metrik 915EC tank mixtures.

Do not impregnate Metrik 915EC alone or with AATREX Liquid 480 Herbicide onto nitrate fertilizers, superphosphates, or limestone.

MIXING INSTRUCTIONS

1. Ensure that the sprayer interior is clean, then fill the spray tank with ½ the required amount of carrier and engage gentle agitation. Good agitation is indicated by a rippling or rolling action on the surface of the water.
2. Add any WG or DF formulation mix partners and agitate to ensure complete mixing.

3. Add any SE or SC formulation mix partners and agitate to ensure complete mixing.
4. Add Metrik 915EC and agitate to ensure complete mixing
5. Add any EC formulation mix partners and agitate to ensure complete mixing.
6. Fill the tank to $\frac{3}{4}$ the required amount of water.
7. Add any solution (SN or SL) formulation mix partners and agitate to ensure complete mixing.
8. Finish filling the sprayer with carrier, maintaining good agitation.
9. Always ensure that agitation is maintained until spraying is completed. After any break in spraying operations, agitate thoroughly before spraying again. Reduce agitation once tank volume is reduced to about one third of capacity.
10. Do not mix, load or clean spray equipment where there is a potential to contaminate wells or aquatic systems.

When using chemical handling equipment to fill the sprayer, the following additional recommendations apply:

- WG and DF formulations are preferentially batch mixed.
- SC, SN, and SL formulations may be inducted or batch mixed.
- EC formulations are preferentially batch mixed.

It is important to check the physical compatibility of tank mixed pesticide products in a small volume prior to filling the sprayer. Check the compatibility of tank mixes containing Metrik 915EC using a jar test following the WALES mixing order with proportionate amounts of mix partners and carrier before mixing in the spray tank.

SPRAYING INSTRUCTIONS

CARRIER VOLUME: Apply in a minimum spray volume of 150 L/ha OR the volume given in the crop and pest specific instructions tabulated below, whichever is LARGER.

SPRAYER AGITATION: Use a jet agitator or liquid sparge tube which recirculates 7-10% of the tank per minute. DO NOT use an air sparger.

PUMP: Screens should be used to protect the pump and prevent clogging. Use 16 mesh or coarser screens on the suction side of the pump. DO NOT place a screen in the recirculation line. Use 50 mesh or coarser screens between the pump and boom unless directed otherwise by the sprayer manufacturer.

SPRAY NOZZLES: 80° or 110° drift reducing flat fan (e.g. those with a pre-orifice or turbulence chamber) or air induction nozzles are recommended. Use 50 mesh or coarser nozzle screens or as recommended by the nozzle manufacturer. DO NOT use flood type nozzles, controlled droplet application equipment, spray foils or hollow cone nozzles.

PRESSURE: As recommended by the nozzle manufacturer to achieve no finer than ASABE 572.1 medium sized droplets.

APPLICATION: Apply at uniform speed and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to avoid potential crop injury from over application.

EQUIPMENT CLEAN UP

To avoid subsequent injury to other crops, thoroughly clean application equipment immediately after spraying each day. Ensure that all traces of the product are removed. Do not allow residue

to dry in spray tank. Do not allow solution to remain in lines or tank overnight.
When using tank mixes, consult the tank-mix partner label for additional clean-up instructions.
The following recommendations are provided:

- Drain and flush tank walls, boom and all hoses for ten minutes with a clean water/detergent mixture. Rinse with clean water. DO NOT clean application equipment near desirable vegetation, wells or other water sources.
- Remove all nozzles and screens and wash separately.
- Dispose of all rinsate in accordance with provincial or territorial regulations.

SPRAY DRIFT MANAGEMENT AND APPLICATION REQUIREMENTS

Use good pesticide practices and 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. For the protection of non-target habitats, over-spray or drift to any body of water or other environmentally sensitive habitat must be avoided. The interaction of equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

ROTATIONAL CROP RESTRICTIONS

Crop, Crop Group, or Crop Subgroup	Plant-back Interval
Winter Cereals	4-1/2 months

CROP USE DIRECTIONS

CORN – EASTERN CANADA ONLY

Timing	Pre-Plant Surface (up to 30 days before planting)
Weeds controlled	Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. Apply pre-plant surface applications of Metrik 915EC plus AATREX Liquid 480 Herbicide only when emerged annual weeds are less than 6 cm tall. If emerged annual weeds are taller than 6 cm, apply a glyphosate product prior to the tank mix application or make an application of a 3-way tank mix

	of Metrik 915EC plus AATREX Liquid 480 Herbicide plus a glyphosate product. Consult the tank mix partner label for specific instructions regarding precautions, restrictions, recommended rates and additives.
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Timing	Pre-Plant Surface (up to 30 days before planting)
Weeds controlled	Annual Grasses, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	900 g ae/ha of a glyphosate product
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with this rate of glyphosate. Consult the glyphosate product label regarding perennial weeds controlled. Refer to the glyphosate product label to determine the appropriate rate for the target weeds.

Timing	Pre-Plant Surface (up to 30 days before planting)
Weeds controlled	Annual Grasses and Broadleaf Weeds, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide + 900 g ae/ha of a glyphosate product
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with this rate of glyphosate. Consult the glyphosate product label regarding perennial weeds controlled. Refer to the glyphosate product label to determine the appropriate rate for the target weeds. It is recommended that liquid formulations of products be used when tank mixing with a glyphosate product. Consult the glyphosate product label for specific instructions regarding precautions, restrictions, recommended rates and additives.

Timing	Pre-Plant Incorporated
Weeds controlled	Nutsedge, Annual Grasses
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems.

Timing	Pre-Plant Incorporated
Weeds controlled	Nutsedge, Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds including triazine tolerant weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 1.25 L Banvel® II Herbicide OR

	+ 3.7 - 4.5 L Marksman® Herbicide OR + 2.1 L - 3.1 L AATREX Liquid 480 Herbicide + 1.25 L Banvel II Herbicide OR + 0.3 L CALLISTO® 480SC Herbicide OR + 0.3 L CALLISTO 480SC Herbicide + 2.1 L - 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. DO NOT use these tank mixes (Banvel II Herbicide or Marksman Herbicide), or these timings on seed corn, sweet corn or popcorn. Use the lower rate of Marksman Herbicide on sand or sandy loam soil and the higher rate on loam or clay soils.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.25 L - 1.75 L
Rate of Tank-Mix Partner per ha	+ 900 g ae/ha of a glyphosate product
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with this rate of glyphosate. Consult the glyphosate product label regarding perennial weeds controlled. Refer to the glyphosate product label to determine the appropriate rate for the target weeds.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses and the following annual Broadleaf Weeds including triazine tolerant weeds: Redroot Pigweed, Lamb's Quarters, Velvetleaf, Common Ragweed, Mustard (wild, wormseed), Eastern Black Nightshade
Rate of Metrik 915EC per ha	1.5 L
Rate of Tank-Mix Partner per	+ 70 g/ha Converge® 75WDG Herbicide

ha	+ 1.1 L Converge 480 Herbicide
Remarks	Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. DO NOT use these timings or tank mixes on seed corn, sweet corn or popcorn. Follow all soil type restrictions on the Converge 75WDG label.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide + 900 g ae/ha of a glyphosate product
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with this rate of glyphosate. Consult the glyphosate product label regarding perennial weeds controlled. Refer to the glyphosate product label to determine the appropriate rate for the target weeds. It is recommended that liquid formulations of products be used when tank mixing with a glyphosate product. Consult the glyphosate product label for specific instructions regarding precautions, restrictions, recommended rates and additives.

Timing	Early Post-Emergent (spike to 2-leaf stage)
Weeds controlled	Annual Grasses
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems.

Timing	Early Post-Emergent (spike to 2-leaf stage)
Weeds controlled	Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed

	problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions.
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Timing	Early Post-Emergent (spike to 2-leaf stage)
Weeds controlled	Annual Grasses and Broadleaf Weeds including triazine tolerant weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 600 mL – 1.25 L Banvel II Herbicide OR + 3.7 - 4.5 L Marksman Herbicide OR + 2.3 L AATREX Liquid 480 Herbicide + 600 mL - 1.25 L Banvel II Herbicide OR + 0.3 L CALLISTO 480SC Herbicide OR + 0.3 L CALLISTO 480SC Herbicide + 2.1 L - 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. DO NOT use these tank mixes (Banvel II Herbicide or Marksman Herbicide) or these timings, on seed corn, sweet corn or popcorn. The tank mix with CALLISTO 480SC Herbicide, or CALLISTO 480SC Herbicide with AATREX Liquid 480 Herbicide is for use on field corn only. Use the lower rate of Marksman Herbicide on sand or sandy loam soil and the higher rate on loam or clay soils.

Timing	Post-Emergent (3 to 6-leaf stage) (hybrid and silage corn only)
Weeds controlled	Annual Grasses
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. DO NOT use these timings or tank mixes on seed corn, sweet corn or popcorn.

Timing	Post-Emergent (3 to 6-leaf stage) (hybrid and silage corn only)
Weeds controlled	Annual Grasses and Broadleaf Weeds including triazine tolerant weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 600 mL – 1.25 L Banvel II Herbicide OR + 3.7 - 4.5 L Marksman Herbicide OR + 2.3 L AATREX Liquid 480 Herbicide + 600 mL - 1.25 L Banvel II Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. DO NOT use these tank mixes or these timings on seed corn, sweet corn or popcorn. Use the lower rate of Marksman Herbicide on sand or sandy loam soil and the higher rate on loam or clay soils. Do not apply tank mixes containing Marksman Herbicide or Banvel II Herbicide beyond the 5-leaf stage of corn.

Timing	Post- Emergent (3 to 6-leaf stage) (hybrid, silage and sweet corn only)
Weeds controlled	Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations, and rotational crop, grazing or other restrictions. DO NOT use this tank mix on seed corn or popcorn.

NOTES FOR PRE-PLANT SURFACE AND PRE-EMERGENT APPLICATIONS ONLY:

For improved burn down of small emerged annual weeds, the following additives may be applied in mixtures of Metrik 915EC with AATREX Liquid 480 Herbicide:

- Crop Oil, 28-0-0 or 10-34-0 at 5% v/v
- Crop oil concentrate at 1% v/v
- Non-ionic surfactant at 0.1% v/v

If annual weeds are larger or perennial weeds are present, use a glyphosate product in the tank mix. See preceding table.

CORN – WESTERN CANADA ONLY

Timing	Pre-Plant Incorporated
Weeds controlled	Green and Yellow Foxtail, Barnyard Grass and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding soil-type variations and other restrictions.

Timing	Pre-emergent with irrigation
Weeds controlled	Green and Yellow Foxtail, Barnyard Grass and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 2.1 L – 3.1 L AATREX Liquid 480 Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding soil-type variations and other restrictions.

SOYBEANS

Timing	Pre-Plant Surface (up to 30 days before planting)
Weeds controlled	Annual Grasses and Broadleaf Weeds including Nightshade
Rate of Metrik 915EC per ha	1.15 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 1.0 L - 2.2 L Sencor® 480 F OR + 670 g - 1.45 kg Sencor 75D F
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a

	minimum of 1.25 L of Metrik 915EC per hectare. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations and rotational crop, grazing or other restrictions. Apply pre-plant surface applications of Metrik 915EC plus Sencor 480 F or Sencor 75 DF only when emerged annual weeds are less than 6 cm tall. If emerged annual weeds are taller than 6 cm, apply a glyphosate product prior to the tank mix application or make an application of a 3-way tank mix of Metrik 915EC plus a glyphosate product plus Sencor 480 F or Sencor 75 DF. Consult the tank mix partner label for specific instructions regarding precautions, restrictions, recommended rates and additives.
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Timing	Pre-Plant Surface (up to 30 days before planting)
Weeds controlled	Annual Grasses, Nightshade, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.15 L - 1.75 L
Rate of Tank-Mix Partner per ha	+ 900 g ae/ha of a glyphosate product
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with these rates of a glyphosate product. Consult the glyphosate product label regarding perennial weeds controlled.

Timing	Pre-Plant Surface (up to 30 days before planting)
Weeds controlled	Annual Grasses and Broadleaf Weeds including Nightshade, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.15 L - 1.75 L
Rate of Tank-Mix Partner per ha	+ 900 g ae/ha of a glyphosate product + 1.0 L – 2.2 L Sencor 480 F OR 670 g – 1.45 kg Sencor 75 DF
Remarks	For optimum nightshade control use the higher rate of

	Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with these rates of a glyphosate product. Consult the glyphosate product label regarding perennial weeds controlled. Refer to the glyphosate product label to determine the appropriate rate for the target weeds. It is recommended that liquid formulations of products be used when tank mixing with a glyphosate product. Consult the glyphosate product label for specific instructions regarding precautions, restrictions, recommended rates and additives.
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Timing	Pre-Plant Incorporated
Weeds controlled	Nutsedge, Annual Grasses and Nightshade
Rate of Metrik 915EC per ha	1.15 L - 1.75 L
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare.

Timing	Pre-Plant Incorporated
Weeds controlled	Nutsedge, Annual Grasses and Broadleaf Weeds including Nightshade
Rate of Metrik 915EC per ha	1.15 L - 1.75 L
Rate of Tank-Mix Partner per ha	+ 550 g - 750 g Sencor 75 DF OR + 850 mL - 1.1 L Sencor 480 F OR + 312 mL Pursuit® Herbicide
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade.

	Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations and rotational crop, grazing or other restrictions. Do not apply Pursuit Herbicide as a pre-plant incorporated application more than one year in sequence. Only soybeans, field corn, spring barley, spring wheat and winter wheat may be planted the season following application of Pursuit Herbicide. Winter wheat should not be planted within 120 days of the application of Pursuit Herbicide.
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Timing	Pre-emergent
Weeds controlled	Annual Grasses and Nightshade
Rate of Metrik 915EC per ha	1.15 L - 1.75 L
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare.

Timing	Pre-emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds including Nightshade
Rate of Metrik 915EC per ha	1.15 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 850 mL - 2.25 L Sencor 480 F OR + 550 g - 1.5 kg Sencor 75 DF OR + 312 mL - 420 mL Pursuit Herbicide OR + 750 mL - 1.0 L Sencor 480 F
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Consult the label of the product(s) to be tank mixed with Herbicide for specific instructions regarding broadleaf

	weeds, soil-type variations and rotational crop, grazing or other restrictions. Do not apply Pursuit Herbicide as a pre-plant incorporated application more than one year in sequence. Only soybeans, field corn, spring barley, spring wheat and winter wheat may be planted the season following application of Pursuit Herbicide. Winter wheat should not be planted within 120 days of the application of Pursuit Herbicide.
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Timing	Pre-Emergent
Weeds controlled	Annual Grasses, Nightshade, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.15 L - 1.75 L
Rate of Tank-Mix Partner per ha	+ 900 g ae/ha of a glyphosate product
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with these rates of a glyphosate product. Consult the glyphosate product label regarding perennial weeds controlled. Refer to the glyphosate product label to determine the appropriate rate for the target weeds.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds including Nightshade, Emerged Annual or Perennial Weeds
Rate of Metrik 915EC per ha	1.15 L - 1.75 L
Rate of Tank-Mix Partner per ha	+ 900 g ae/ha of a glyphosate product + 850 mL – 2.25 L Sencor 480 F OR 550 g – 1.5 kg Sencor 75 DF OR 312 mL – 420 mL Pursuit Herbicide
Remarks	For optimum nightshade control use the higher rate of Metrik 915EC applied pre-emergently and choose a tank-mix partner which is also registered for the control of

	nightshade. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Consult the label of the product(s) to be tank mixed with Metrik 915EC for specific instructions regarding broadleaf weeds, soil-type variations and rotational crop, grazing or other restrictions. Some perennial weeds may not be controlled with these rates of a glyphosate product. Consult the glyphosate product label regarding perennial weeds controlled. Refer to the glyphosate product label to determine the appropriate rate for the target weeds. It is recommended that liquid formulations of products be used when tank mixing with a glyphosate product. Consult the glyphosate product label for specific instructions regarding precautions, restrictions, recommended rates and additives. Do not apply Pursuit Herbicide as a pre-plant incorporated application more than one year in sequence. Only soybeans, field corn, spring barley, spring wheat and winter wheat may be planted the season following application of Pursuit Herbicide. Winter wheat should not be planted within 120 days of the application of Pursuit Herbicide.
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CAUTION: Soybeans should be seeded at least 4 cm deep or crop injury may result. Do not apply Metrik 915EC if soybeans have emerged.

NOTES FOR PRE-PLANT SURFACE AND PRE-EMERGENT APPLICATIONS ONLY:

For improved burn down of small emerged annual weeds, the following additives may be applied in mixtures of Metrik 915EC with Sencor 480 F, Sencor 75 DF, or Pursuit Herbicide:

- Crop oil, 28-0-0, or 10-34-0 at 5% v/v
- Crop oil concentrate at 1% v/v
- Non-ionic surfactant at 0.1% v/v

If annual weeds are larger or perennial weeds are present use a glyphosate product in the tank mix. See preceding table.

SNAP COMMON BEANS (YELLOW AND GREEN ONLY) AND LIMA BEANS IN EASTERN CANADA AND B.C.

Timing	Pre-Plant Incorporated
Weeds controlled	Annual Grasses and Nutsedge
Rate of Metrik 915EC per ha	1.15 L – 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression, apply a

	minimum of 1.25 L of Metrik 915EC per hectare. CAUTION: Beans should be seeded at least 4 cm deep or crop injury may result.
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POTATOES

Timing	Pre-Plant Incorporated
Weeds controlled	Nutsedge, Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 750 g - 1.5 kg Sencor 75 DF OR + 1.1 L - 2.25 L Sencor 480 F
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding soil-type variations and special instructions. CAUTION: Do not apply Metrik 915EC at ground crack or if potatoes have emerged. Do not use on the variety Superior.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 750 g - 1.5 kg Sencor 75 DF OR + 1.1 - 2.25 L Sencor 480 F OR + 1.9 - 2.3 L Lorox L Herbicide
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding soil-type variations and special instructions. CAUTION: Do not apply Metrik 915EC at ground crack or if potatoes have emerged. Do not use on the variety Superior.

FIRST-YEAR (NON-BEARING) APPLE, APRICOT, SWEET AND SOUR CHERRY, PEACH, PEAR, AND PLUM TREES

Timing	Post Planting, Pre-Emergent to Weeds
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Weeds controlled	Annual Grasses and Broadleaf Weeds (Late-season emerging fall panicum and crabgrass may not be controlled by this treatment)
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 1.1 kg – 2.2 kg PRINCEP NINE-T® Herbicide
Remarks	Apply once per year. Avoid contact with trunk and leaves of trees. Do not use on sandy soils with less than 2% organic matter. Best results are obtained with applications made after rain has settled the soil around trees. Use only a tractor-mounted boom sprayer to apply. Use the higher rate of Metrik 915EC and PRINCEP NINE-T Herbicide for heavier weed problems.

ESTABLISHED (BEARING) APPLE, APRICOT, SWEET AND SOUR CHERRY, PEACH, PEAR, AND PLUM TREES

Timing	Post Planting, Pre-Emergent to Weeds
Weeds controlled	Annual Grasses
Rate of Metrik 915EC per ha	1.75 L
Remarks	Apply once per year as a band under the trees. Avoid contact with trunk and leaves of trees. Do not use on sandy soils with less than 2% organic matter. Use only a tractor-mounted boom sprayer to apply.

Timing	Post Planting, Pre-Emergent to Weeds
Weeds controlled	Annual Grasses and Broadleaf Weeds (Late-season emerging fall panicum and crabgrass may not be controlled by this treatment)
Rate of Metrik 915EC per ha	1.75 L
Rate of Tank-Mix Partner per ha	+ 2.5 kg PRINCEP NINE-T Herbicide
Remarks	Apply once per year as a band treatment under the trees. Avoid contact with trunk and leaves of trees. Do not use on sandy soils with less than 2% organic matter. Use only a tractor-mounted boom sprayer to apply.

PROCESSING PEAS IN EASTERN CANADA ONLY

Timing	Pre-Emergent
Weeds controlled	Eastern Black Nightshade, Annual Grasses
Rate of Metrik 915EC per ha	1.25 L - 1.75 L

Remarks	Make one application per year. Apply in 150 - 250 L water/ha by ground application equipment only. Use the higher rate of Metrik 915EC for heavier weed problems.
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RUTABAGAS IN EASTERN CANADA ONLY

Timing	Pre-Plant Incorporated
Weeds controlled	Annual Grasses and Nutsedge
Rate of Metrik 915EC per ha	1.25 L - 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. To control nutsedge, Metrik 915EC must be applied as a pre-planted incorporated spray.

Timing	Pre-Emergent
Weeds controlled	Annual Grasses
Rate of Metrik 915EC per ha	1.25 L - 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems.

SECOND-YEAR OR OLDER WHITE SPRUCE, NORWAY SPRUCE, BLACK SPRUCE, WHITE PINE, JACK PINE AND RED PINE TRANSPLANT OR SEEDLING STOCK AND POPLAR STOOL BEDS

Timing	Pre-Emergent or Early Post-Emergent to Weeds
Weeds controlled	Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L - 1.75 L
Remarks	Apply to spruce and pine in forest tree nurseries prior to budbreak. DO NOT apply Metrik 915EC within 4 weeks after burst or until the needles have hardened. May be applied as a pre-emergent or early post-emergent application to weeds before they pass the 2-leaf stage. For Poplar Stool beds, apply to dormant and flushing stool beds. Use the higher rate of Metrik 915EC for heavier weed problems.

Commented [MC1]: Pyramin is no longer registered

SWEET WHITE LUPINS

Timing	Pre-Emergent
Weeds controlled	Annual Grasses
Rate of Metrik 915EC per ha	1.10 L – 1.75 L
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression apply a minimum of 1.25 L of Metrik 915EC per hectare. Make one treatment per year with ground application equipment. Apply in 200 - 300 L of total volume per hectare.

SWEET WHITE LUPINS – TANK MIXTURES IN MARITIME PROVINCES ONLY

Timing	At Planting or Pre-Emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds including Nightshade
Rate of Metrik 915EC per ha	1.10 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 670 g Sencor 75 DF
Remarks	Consult the label of the product to be tank mixed with Metrik 915EC for additional specific instructions regarding broadleaf weeds, soil type variations and rotational crop, grazing or other restrictions. Use the higher rate of Metrik 915EC for heavier weed problems. For redroot pigweed suppression apply a minimum of 1.25 L of Metrik 915EC per hectare. For optimum nightshade control, use the higher rate of Metrik 915EC. Make one application per year. Apply as a broadcast spray during planting or as a separate operation after planting but before the crop has emerged. Lupin seed must be planted at least 4 cm below the soil surface. Do not apply to sandy or light soils with less than 2% organic matter or to muck soils. Better weed control will be obtained if light rainfall or irrigation follows application. Rotational crops such as onions, celery, peppers, cole crops, lettuce, spinach, sugar beets, table beets, turnips, pumpkins, squash, melons, tobacco and non-triazine tolerant canola are sensitive to Sencor 75 DF and may be injured if planted into soil treated with Sencor 75 DF during the year of application and the following year. After harvest tillage practices which provide thorough mixing of the soil may be helpful in reducing the possibility of injury to succeeding crops. Do not use treated vines for feed and forage.

TRANSPLANTED TOMATOES GROWN FOR PROCESSING – TANK MIXTURES

Timing	Pre-Plant Incorporated
Weeds controlled	Annual Nightshades (American Nightshade, Eastern Black Nightshade), Nutsedge, Annual Grasses and Broadleaf Weeds
Rate of Metrik 915EC per ha	1.25 L – 1.75 L
Rate of Tank-Mix Partner per ha	+ 0.5 L - 1.4 L Sencor 480 F
Remarks	Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding weeds, rates, soil-type and organic matter variations and other restrictions. CAUTION: DO NOT apply Metrik 915EC on direct seeded tomatoes. NOTE: Metrik 915EC may damage transplants that have been weakened by any cause resulting in reduced crop yield. To prevent damage, plant only healthy transplants. DO NOT plant when wet, cool or unfavourable growing conditions exist. Follow all application and incorporation directions exactly.

MINOR USES

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS	
The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Tide International Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, Tide International Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.	
ASIAN RADISH	
Timing	Pre-Plant Incorporated OR Pre-Emergent (to both crop and weeds)
Weeds controlled	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass, Yellow Nutsedge
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	Mineral Soils: 1.2 – 1.5 L
Weeds suppressed	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green,

	yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass, Yellow Nutsedge and Redroot Pigweed
Rate/ha of Metrik 915EC	Muck Soils (organic matter > 20%): 1.5 L – 1.75 L
Notes	Make only one application per year. Use the higher rate of Metrik 915EC for heavier weed problems. Apply in 150-300 L water/ha. Ground application only. Do not harvest within 40 days of application. Reduced levels of weed control may be observed when weed densities are high. On muck soils: Irrigate immediately after application with 0.5 inches of water. CAUTION: Use in soils with high organic matter will result in reduced efficacy. A representative bioassay of the field must be conducted with rotational crops to evaluate potential crop sensitivity. NOTE: Level and duration of weed suppression may be reduced in muck soils with higher organic matter content. For American Nightshade and Easter Black Nightshade, pre-emergent treatments sometimes give better control than pre-plant incorporated treatments. For Yellow Nutsedge, pre-plant incorporated treatment only. Extended periods of dry hot weather following application may result in reduced nutsedge control.
ASPARAGUS (Established Beds)	
WARNING: Application of Metrik 915EC may result in injury to the asparagus crop, which may include potential stand loss, delayed maturity, and even loss of yield.	
Timing	In the spring, apply to dormant asparagus beds prior to emergence OR Post-harvest
Weeds controlled	American Nightshade, Eastern Black Nightshade, Crabgrass (smooth, hairy), Barnyard Grass, Fall Panicum, Foxtail (green, yellow, giant), Old Witchgrass
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.55 L - 1.75 L
Notes	Make only one application per year. Apply by ground application equipment only. PHI is 16 days.
CARROTS	
Timing	Pre-Emergent (after planting, prior to carrot and weed emergence)
Weeds controlled	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, and Barnyard Grass
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	Mineral Soils: 1.2 L – 1.5 L
Weeds suppressed	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass and Redroot Pigweed
Rate/ha of Metrik 915EC	Muck Soils (organic matter > 20%): 1.5 L – 1.75 L
Timing	Post-Emergent (crop at 3 – 5-leaf stage and weeds prior to 2-leaf stage)

Weeds controlled	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, and Barnyard Grass
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.2 L – 1.5 L
Notes	Make only one application per year. Do not follow a pre-emergent application with a post-emergent spray later in the season. Apply by ground (broadcast) application (pre- or post-emergent application). Pre-emergent application can also be made by banded spray. Make preemergent applications to clean-tilled soils. Use lower rates on medium-textured soils and higher rates on fine-textured soils. Do not apply more than 1.5 L/ha of Metrik 915EC to mineral soils. Do not apply more than 1.75 L/ha of Metrik 915EC to muck soils (organic matter > 20%). To help avoid crop injury, do not apply Metrik 915EC in areas where water is likely to pool. Apply in 150 – 300 L water/ha. Reduced levels of weed control may be observed when weed densities are high. Do not harvest carrots within 30 days of application. NOTE: Level and duration of weed suppression may be reduced in muck soils with higher organic matter content. NOTE: Applications of Metrik 915EC may cause significant injury to carrots, resulting in reduced yields.
CELERY	
Timing	After Transplanting Celery and Prior to Weed Emergence
Weeds controlled	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, and Barnyard Grass
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	Mineral Soils: 1.2 L – 1.5 L
Weeds suppressed	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass and Redroot Pigweed
Rate/ha of Metrik 915EC	Muck Soils (organic matter > 20%): 1.5 L – 1.75 L
Notes	Apply in 150-200 L water/ha. Directed or broadcast spray. Ground application only. Do not harvest the crop within 62 days of application. In general, the risk of crop injury is less with post-directed than from post over-the-top post-transplanting applications. The use of a spray adjuvant or the addition of another registered herbicide as a tank mixture with Metrik 915EC will increase the risk of crop injury from post-emergence applications. Metrik 915EC may also be used to treat row-middles in bedded crops, as long as the total amount of Metrik 915EC applied does not exceed 1.75 L/ha in that crop. Use lower rates of Metrik 915EC on coarse textured soils and higher rates on fine-textured soils. On muck soils: Apply prior to weed emergence. Use the higher rate of application. Irrigate immediately after application with 0.5 inches of water. Apply prior to weed emergence. CAUTION: Use in soils with high organic matter will result in reduced efficacy.

	A representative bioassay of the field must be conducted with rotational crops to evaluate potential crop sensitivity. NOTE: Metrik 915EC may damage transplants that have been weakened by any cause resulting in reduced crop yield. To prevent damage, plant only healthy transplants. do not plant when wet, cool or unfavourable growing conditions exist. follow all application and incorporation directions exactly. Use the higher rate of Metrik 915EC for heavier weed problems.
CONIFERS (Established for Field Production)	
Metrik 915EC has been tested on Balsam fir, Fraser fir, White pine, and White spruce. Metrik 915EC may be applied to other non-listed conifer species; however, non-listed conifer species may vary in tolerance to herbicides, including Metrik 915EC. First use of Metrik 915EC to any non-listed conifer species should be limited to a small number of plants to confirm tolerance prior to adoption as a large scale practice.	
Timing	Pre-Emergent to Weeds as per label directions
Weeds controlled	Annual Broadleaf and Grass Weeds
Rate/ha of Metrik 915EC	1.25 L – 1.75 L
Notes	Make only one ground application per year, banded over top of trees. Apply in a minimum of 300 L water/ha. Use the higher rate of Metrik 915EC for heavier weed problems.
Timing	Pre-Emergent or Early Post-Emergent (before 2-leaf stage) to Weeds
Weeds controlled	Labelled Weeds – See Simazine 480 Herbicide label for further information.
Rate/ha of Metrik 915EC	1.25 L – 1.75 L
Rate/ha of tank mix partner	+ 4.7 L – 7.0 L Simazine 480 Herbicide
Notes	Make only one ground application per year. Apply in a minimum of 150 L water/ha. Use the higher rate of Metrik 915EC for heavier weed problems. Use the lowest rate of Simazine 480 in sandy or low organic matter soils; use highest rate in clay or high organic matter soils
CRANBERRY BEANS (Eastern Canada Only)	
Timing	Pre-Plant Incorporated or Pre-Emergent Soil Application
Weeds controlled	American Nightshade, Eastern Black Nightshade, Fall Panicum, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass, Yellow Nutsedge
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.15 L – 1.75 L
Rate/ha of tank mix partner	+ 0.312 L Pursuit Herbicide
Notes	Make only one application per year. Apply by ground application equipment only. CAUTION: Beans should be seeded at least 4 cm deep or crop injury may

	result. Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding soil-type variations and other restrictions. For American Nightshade and Eastern Black Nightshade, pre-emergent treatments sometimes give better control than pre-plant incorporated treatments. For Yellow Nutsedge, pre-plant incorporated treatment only. Extended periods of dry hot weather following application may result in reduced nutsedge control.
CUCURBIT VEGETABLES - CROP GROUP 9	
Crops	Cucurbit Vegetables - Crop Group 9: Citron melon (<i>Citrullus lanatus</i> var. <i>citroides</i>), Muskmelon (hybrids and/or cultivars of <i>Cucumis melo</i>) (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon and snake melon), Watermelon (includes hybrids and/or varieties of <i>Citrullus lanatus</i>), Chayote (fruit) (<i>Sechium edule</i>), Chinese waxgourd (Chinese preserving melon) (<i>Benincasa hispida</i>), Gherkin (<i>Cucumis anguria</i>), Gourd, edible (<i>Lagenaria spp.</i>) (includes hyotan, cucuzza), Gourd, edible (<i>Luffa acutangula</i> , <i>L. cylindrica</i>) (includes hechima, Chinese okra), <i>Momordica spp.</i> (includes balsam apple, balsam pear, bitter melon, Pumpkin (<i>Cucurbita spp.</i>), Squash, summer (<i>Cucurbita pepo</i> var. <i>melopepo</i>) (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), Squash, winter (<i>Cucurbita maxima</i> , <i>C. moschata</i>) (includes butternut squash, calabaza, hubbard squash); (<i>C. mixta</i> , <i>C. pepo</i>) (includes acorn squash, spaghetti squash), excluding Cucumber (<i>Cucumis sativus</i>).
Timing	Transplanted: Prior to transplanting or within 48 hours after transplanting. Direct seeded: Pre-emergence or early post-emergent to crop (1 to 2 leaf stage). All applications should be pre-emergent to labeled weeds.
Weeds controlled	Nightshade and Annual Grasses
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	Banded to row middles after plastic mulch has been laid: 1.15 L – 1.56 L Broadcast: 1.15 L
Notes	Ground application; Banded to row middles or broadcast. Make only 1 application per year. PHI is 30 days. Apply in a minimum of 150 L water/ha. Application of Metrik 915EC may result in injury to the crop which may include stand loss, delayed maturity and even loss of yield. Risk of crop injury increases with cool and wet conditions. Care should be taken to minimize foliar contact with Metrik 915EC as this can increase potential to cause crop injury. Avoid overspray. Reduced control in heavy weed populations may occur. Do not use on sandy soils with less than 2% organic matter. The use of another registered herbicide as a tank mixture with Metrik 915EC will increase the risk of crop injury.
DRY COMMON BEANS (<i>Phaseolus vulgaris</i> species only)	
Timing	Pre-Plant Incorporated or Pre-Emergent Soil Application

Weeds controlled	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass, Yellow Nutsedge
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.15 L – 1.75 L
Notes	Make only one application per year. Apply in 150 L water/ha. Apply by ground application equipment only. NOTE: Dry common bean varieties may vary in their tolerance to herbicides, including to Metrik 915EC. Since not all dry common bean varieties have been tested for tolerance to Metrik 915EC, first use of Metrik 915EC should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry common beans to Metrik 915EC. CAUTION: Beans should be seeded at least 4 cm deep or crop injury may result. Use the higher rate of Metrik 915EC for heavier weed problems. For American Nightshade and Eastern Black Nightshade, Pre-emergent treatments sometimes give better control than pre-plant incorporated. For Yellow Nutsedge, pre-plant incorporated treatment only. Extended periods of dry hot weather following application may result in reduced nutsedge control.
DRY COMMON BEANS (<i>Phaseolus vulgaris</i> species only) in Eastern Canada only	
Timing	Pre-Plant Incorporated
Weeds controlled	American Nightshade, Eastern Black Nightshade, Fall Panicum, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass, Yellow Nutsedge
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.15 L – 1.75 L
Rate/ha of tank mix partner	+ 0.312 L Pursuit Herbicide
Notes	Make only one application per year. Apply in 150 L – 400 L water/ha. Apply by ground application equipment only. DO NOT harvest within 100 days of treatment. NOTE: Dry common bean varieties may vary in their tolerance to herbicides, including to Metrik 915EC. Since not all dry common bean varieties have been tested for tolerance to the tank mix of Pursuit plus Metrik 915EC, first use of this tank mix should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry common beans to the tank mix of Pursuit plus Metrik 915EC. CAUTION: Beans should be seeded at least 4 cm deep or crop injury may result. Use the higher rate of Metrik 915EC for heavier weed problems. Refer to the Pursuit Herbicide label for additional recommendations, precautions and restrictions not specified on this label. For Yellow Nutsedge, extended periods of dry hot weather following application

	may result in reduced nutsedge control.
EGGPLANT (Transplants only)	
Timing	Post-Emergent: apply within 48 hours of transplanting, but before weed emergence
Weeds controlled	Nightshade, Annual Grasses
Rate/ha of Metrik 915EC	1.15 L – 1.25 L
Notes	Use lower rate of Metrik 915EC on coarse textured soil and higher rates on fine-textured soil or for heavier weed infestations. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates. Risk of crop injury increases with early transplanting and soil temperatures below 10°C. Applications made more than 48 hours after transplanting may increase the risk of foliar injury. One application per year only. Ground application only. Apply in a minimum of 150 L of water. Do not apply more than 1.25 L of Metrik 915EC on eggplant per year. Do not harvest eggplant within 60 days of application.
FIELD PEPPERS	
Timing	Post-Emergent: apply within 48 hours of transplanting, but before weed emergence
Weeds controlled	Nightshade, Annual Grasses
Rate/ha of Metrik 915EC	1.15 L - 1.25 L
Notes	Apply in a minimum of 150 L water/ha. Apply by ground application equipment only. Do not harvest within 80 days of treatment. Risk of crop injury increases with early transplanting and soil temperatures below 10°C. Applications made more than 48 hours after transplanting may increase the risk of foliar injury. Using the lower application rate for field peppers may result in reduced control in heavy weed populations. Use the higher rate of Metrik 915EC for heavier weed problems. NOTE: DO NOT tank-mix Metrik 915EC with fluid fertilizers, oils, oil concentrates or surfactants when applying post-emergent.
HIGHBUSH BLUEBERRIES (New and established plantings)	
Timing	Pre-Emergent to Weeds
Weeds controlled	Nightshade (American and Eastern black), Crabgrass (smooth, hairy), Barnyard Grass, Fall Panicum, Foxtail (green, yellow, giant), Old Witchgrass
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.25 L - 1.75 L
Notes	Make only one application per year. Apply in 150 - 300 L water/ha. DO NOT apply by air. Ground application only. DO NOT harvest within 30 days of treatment.

	Apply to the soil as a banded application, directed to the base of the highbush blueberry plants. Avoid contact with the highbush blueberry truck and foliage. Crop injury and yield reduction may occur if any part of the highbush blueberry plants are contacted through spray or drift.
KIDNEY BEANS (Eastern Canada only)	
Timing	Pre-Plant Incorporated or Pre-Emergent Soil Application
Weeds controlled	American Nightshade, Eastern Black Nightshade, Fall Panicum, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass, Yellow Nutsedge
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.15 L – 1.75 L
Rate/ha of tank mix partner	+ 0.312 L Pursuit Herbicide
Notes	Make only one application per year. Apply by ground application equipment only. CAUTION: Beans should be seeded at least 4 cm deep or crop injury may result. Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding soil-type variations and other restrictions. For American Nightshade and Eastern Black Nightshade, pre-emergent treatments sometimes give better control than pre-plant incorporated treatments. For Yellow Nutsedge, pre-plant incorporated treatment only. Extended periods of dry hot weather following application may result in reduced nutsedge control.
MUSTARD GREENS (Transplanted only. DO NOT apply to direct seeded crop.)	
Timing	Pre-Emergent or Post-Emergent (Weeds at 2-leaf stage or less)
Weeds controlled	Annual Broadleaf and Grass Weeds
Rate/ha of Metrik 915EC	1.2 – 1.5 L
Notes	Make only one ground application per year. Apply in a minimum of 150-300 L/ha water. PHI is 30 days. Yield losses may be observed when this product is applied to transplanted mustard greens. Reduced levels of weed control may be observed when weed densities are high.
OUTDOOR ORNAMENTALS (Woody and Herbaceous): Container-, Field- and Liner*- Grown Plants and Plants in Landscape Plantings *Plants transplanted normally in rows in a nursery or similar area for further growth before transplanting to final growing location (place of establishment).	
The following plant species have been tested results indicated that they are tolerant to Metrik 915EC when the product is applied according to the label.	
Tolerance Plant Species	

Plant Category	Common name	Scientific name
Broadleaf	Burning bush	<i>Euonymous spp.</i>
	Rhododendron	<i>Rhododendron spp.</i>
Herbaceous	Daylily	<i>Hemerocallis spp.</i>
	Hosta	<i>Hosta spp.</i>
Conifer	Juniper	<i>Juniperus spp.</i>
	Eastern white-cedar	<i>Thuja spp.</i>
Metrik 915EC may be applied to other non-listed plant species. However, non-listed plant species may vary in their tolerance to herbicides, including Metrik 915EC. First use of Metrik 915EC to any non-listed plant species should be limited to a small number of plants to confirm tolerance prior to adoption as a large-scale practice.		
Timing	Pre-emergence (prior to weed emergence) OR Early Post-emergent (1-2 leaf weed stage)	
Weeds controlled	Nightshade and Annual Grasses	
Weeds suppressed	Redroot Pigweed	
Rate/ha of Metrik 915EC	1.25 L - 1.75 L	
Notes	Make only one application per year. Apply in a minimum of 150 – 200 L water/ha. Apply by ground application equipment only. To avoid plant injury, do not apply to seedbeds, cutting beds, or uprooted cuttings before transplanting and to plants until the soil has firmly settled around roots. When applied broadcast over-the-top of plant foliage, follow with sufficient overhead irrigation to wash Metrik 915EC from the foliage to reduce the chance of injury. Do not apply to trees or plants that will bear harvestable fruit within 12 months, or illegal residues may result. Do not use this product in residential areas where bystanders including children, may be potentially exposed during or after spraying.	
PARSNIPS		
Timing	Pre-Emergent (after planting, prior to parsnip and weed emergence)	
Weeds controlled	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, and Barnyard Grass	
Weeds suppressed	Redroot Pigweed	
Rate/ha of Metrik 915EC	Mineral Soils: 1.2 L – 1.5 L	
Weeds suppressed	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, Barnyard Grass and Redroot Pigweed	
Rate/ha of Metrik 915EC	Muck Soils (organic matter > 20%): 1.5 L – 1.75 L	
Timing	Post-Emergent (crop at 3 – 5-leaf stage and weeds prior to the 2-leaf stage)	
Weeds controlled	American Nightshade, Fall Panicum, Eastern Black Nightshade, Foxtail (green, yellow, giant), Crabgrass (smooth, hairy), Old Witchgrass, and Barnyard Grass	
Rate/ha of Metrik 915EC	Mineral Soils: 1.2 L – 1.5 L	
Notes	Make only one application per year. Do not follow a pre-emergent application with a post-emergent spray later in the season. Use the higher rate of Metrik 915EC for heavier weed problems. Apply in 150-300 L water/ha. Ground application only.	

	Do not harvest within 60 days of application. Reduced levels of weed control may be observed when weed densities are high. On muck soils: Apply prior to weed emergence. Irrigate immediately after application with 0.5 inches of water. CAUTION: Use in soils with high organic matter will result in reduced efficacy. A representative bioassay of the field must be conducted with rotational crops to evaluate potential crop sensitivity. Application of Metrik 915EC may result in injury to the crop which may include stand loss, delayed maturity, and even loss of yield. For American Nightshade and Easter Black Nightshade, pre-emergent treatments sometimes give better control than post-emergent treatments.
PEANUTS (Ontario only)	
Timing	Pre-Plant Incorporated OR Pre-Emergent to Peanut Germination and Labelled Weeds
Weeds controlled	Nutsedge, Annual Grasses and Nightshade
Rate/ha of Metrik 915EC	1.15 L – 1.55 L
Notes	Make only one application per year. Apply in 150 L water/ha. DO NOT apply by air. Ground application only. Do not graze or feed peanut forage or fodder to livestock for 30 days following application. Do not harvest crop within 90 days of application. For use in Ontario only. Application of Metrik 915EC may result in injury to the peanut crop which may include stand loss, delayed maturity and even loss of yield. Use the higher rate of Metrik 915EC for heavier weed problems. Pre-emergent treatments sometimes give better control than pre-plant incorporated treatments. To control nutsedge, Metrik 915EC must be applied as a preplant incorporated spray.
PEARL MILLET grown for animal feed (Grain or Forage) (Eastern Canada only)	
Timing	Early Post-Emergent to Crop (1-2 leaf stage); Pre- to Early Post-Emergent to Weeds (up to 1-leaf stage)
Weeds suppressed	Smooth Crabgrass, Green Foxtail, Barnyard Grass
Rate/ha of Metrik 915EC	0.625 L
Notes	Make only one application per year. Apply by ground application only. DO NOT apply by air. Apply in 200 L water/ha. Do not harvest pearl millet for forage within 45 days of application. Do not harvest pearl millet for grain within 130 days of application. For use in pearl millet for animal feed only. Treated grain millet is not intended for human consumption. Application of Metrik 915EC will result in injury to the pearl millet crop which may include stand loss, delayed maturity and even loss of yield. AVOID SPRAY OVERLAP. Millet should be seeded at least 2.5 cm deep or crop injury may

	result. Use on soil that has a minimum of 2.5% organic matter.
RED BEETS	
Timing	Pre-Emergent to Weeds and Crop
Weeds controlled	Nightshade (American and Eastern Black), Crabgrass (Smooth, Hairy), Barnyard Grass, Fall Panicum, Foxtail (Green, Yellow, Giant), Old Witchgrass
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.25 L
Notes	Make only one application per year. Apply in 150 L water/ha minimum. Apply by ground application equipment only. Do not use more than 1 application per year. DO NOT apply by air. Application of Metrik 915EC may result in injury to the red beet crop which may include stand loss, delayed maturity and even loss of yield. Irrigate after application to activate the herbicide if rainfall is not expected, but use only 0.5 inches of water to incorporate the herbicide. Excessive irrigation will increase the risk of crop injury. Mechanical incorporation of Metrik 915EC will increase the risk of crop injury. DO NOT use Metrik 915EC if the planting operation creates a furrow or trough over the seed-row into which rain or irrigation water will collect and thus concentrate the herbicide over the row. Do not enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 12 hours.
SOYBEANS	
Timing	Pre-Emergent
Weeds suppressed	Tall Waterhemp
Rate/ha of Metrik 915EC	1.75 L
Notes	Make only one application per year. Apply in a minimum of 150 L water/ha. Apply by ground application equipment only.
SOYBEANS, IMMATURE SEED (Edamame)	
Timing	Pre-Plant Incorporated (application and incorporation within 14 days of planting)
Weeds controlled	Nutsedge, Annual Grasses and Nightshade
Rate/ha of Metrik 915EC	1.15 L - 1.75 L
Notes	Make only one application per year. Apply in 150 L water/ha. DO NOT apply by air. Ground application only. Use lower rate of Metrik 915EC on coarse-textured soil and higher rates on fine-textured and muck soils, or for heavier weed infestations. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates. Pre-plant incorporated: Follow incorporation instructions listed for soybeans in the main section of this label. Application and incorporation must occur within 14 days of planting. Use this application method if furrow irrigation is used or when a

	period of dry weather after application is expected. If crops are to be planted in beds, apply and incorporate after bed formation. Use the higher rate of Metrik 915EC for heavier weed problems and for higher organic matter soils. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Metrik 915EC will not control emerged weeds.
Timing	Pre-Emergent (before weed and crop emergence)
Weeds controlled	Annual Grasses and Nightshade
Rate/ha of Metrik 915EC	1.15 L - 1.75 L
Notes	Make only one application per year. Apply in 150 L water/ha. DO NOT apply by air. Ground application only. Use lower rate of Metrik 915EC on coarse-textured soil and higher rates on fine-textured and muck soils, or for heavier weed infestations. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates. Pre-emergent: Apply during planting (behind planter) or after planting but before weed and crop emergence. Use the higher rate of Metrik 915EC for heavier weed problems and for higher organic matter soils. For redroot pigweed suppression, apply a minimum of 1.25 L of Metrik 915EC per hectare. Metrik 915EC will not control emerged weeds.
STRAWBERRIES	
Strawberry cultivars may vary in their tolerance to herbicides, including Metrik 915EC. Since not all strawberry cultivars have been tested for tolerance to Metrik 915EC, first use of Metrik 915EC should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your supplier for information on the tolerance of specific cultivars of strawberry to Metrik 915EC. Do not apply to the cultivar Joliette.	
Timing	Bearing years: After mulch removal but before weed emergence.
Weeds controlled	Annual Broadleaf and Grass Weeds
Rate/ha of Metrik 915EC	1.25 L - 1.75 L
Notes	Make only one application per year. Apply as either a pre-plant incorporated or pre-emergent (post-transplanting) treatment. Some initial injury may occur but will be outgrown with no reduction in yield. Apply by ground application equipment only. Apply in 150 L/ha of water. Do not harvest berries within 30 days of application. Use the higher rate of Metrik 915EC for heavier weed problems.
Timing	Newly planted: Pre-Plant Incorporated or Pre-Emergent (post transplanting)
Weeds controlled	Annual Grasses and Nutsedge
Rate/ha of Metrik 915EC	1.25 L - 1.75 L
Notes	Make only one application per year. Apply as either a pre-plant incorporated or pre-emergent (post-transplanting) treatment. Some initial injury may occur but will be outgrown with no reduction in yield. Apply by ground application equipment only. Apply in 150 L/ha of water. Do not harvest berries within 30 days of application.

	Use the higher rate of Metrik 915EC for heavier weed problems. For Nutsedge, pre-plant incorporated treatment only. Extended periods of dry hot weather following application may result in reduced nutsedge control.
SUGAR BEETS	
Timing	Post-Emergent: apply within the period from cotyledon to 4 leaf stage of sugar beets, but before weed emergence
Weeds controlled	Nightshade, Annual Grasses
Rate/ha of Metrik 915EC	1.25 L – 1.75 L
Notes	Make only one application per year. Apply in 150 L – 300 L water/ha. Apply by ground application equipment only. Do not use more than 1 application per year. Do not harvest within 120 days of treatment. DO NOT USE SUGAR BEET TOPS FOR FEEDING TO LIVESTOCK. Use the higher rate of Metrik 915EC for heavier weed problems. NOTE: DO NOT tank-mix Metrik 915EC with fluid fertilizers, oils, oil concentrates or surfactants when applying post-emergent.
SWEET CORN	
Timing	Pre-Emergent
Weeds controlled	Annual Grasses and Broadleaf Weeds including triazine tolerant weeds
Rate/ha of Metrik 915EC	1.25 L
Notes	Make only one application per year. Apply as pre-emergent treatment. Apply in 150 L water/ha minimum. Do not harvest sweet corn within 45 days of treatment. Apply by ground equipment only.
SWEET POTATOES	
Timing	Early Post-Emergent (2 – 5 days after transplanting)
Weeds controlled	Annual Broadleaf and Grass Weeds
Rate/ha of Metrik 915EC	1.25 L – 1.75 L
Notes	Make only one application per year. Apply foliar by ground application only. Apply using a spray volume of 200 - 400 L water/ha. PHI is 105 days.
TRANSPLANTED CABBAGE, TRANSPLANTED CAULIFLOWER, TRANSPLANTED BROCCOLI	
Timing	Post-Transplant: Apply within 2 days after transplanting and prior to weed emergence. Do not incorporate.
Weeds controlled	Nightshade and Annual Grasses
Weeds suppressed	Redroot Pigweed
Rate/ha of Metrik 915EC	1.25 L - 1.75 L
Notes	Make one application per year. Apply in 300 L water/ha. Apply by ground application equipment only.

	Use the higher rate of Metrik 915EC for heavier weed problems.
TRANSPLANTED TOMATOES GROWN FOR PROCESSING	
Timing	Pre-Plant Incorporated
Weeds controlled	Annual Nightshades (American Nightshade, Eastern Black Nightshade), Nutsedge, Annual Grasses and Broadleaf Weeds
Rate/ha of Metrik 915EC	1.0 L - 1.25 L
Rate/ha of partner	+ 330 g - 660 g Sencor 75 DF +1.1 L – 2.3 L Treflan™ Liquid EC Herbicide OR + 500 mL - 1 L Sencor 480 F + 1.0 L – 2.0 L Treflan Liquid EC Herbicide
Notes	Use the higher rate of Metrik 915EC for heavier weed problems and for control of nightshade. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding weeds, rates, soil-type and organic matter variations and other restrictions. Use lower rates on light textured soils, higher rates on heavier soils. Make Only One Application Per Year. Do Not Apply Within 60 Days of Harvest. CAUTION: Do not apply on direct-seeded tomatoes. NOTE: Metrik 915EC may damage transplants that have been weakened by any cause resulting in reduced crop yield. To prevent damage, plant only healthy transplants. Do not plant when wet, cool or unfavourable growing conditions exist. Follow all application and incorporation directions exactly.
TRANSPLANTED TOMATOES – FIELD TOMATOES GROWN FOR FRESH MARKET	
Timing	Pre-Plant Incorporated
Weeds controlled	Annual Nightshades (American Nightshade, Eastern Black Nightshade), Nutsedge, and Annual Grasses
Rate/ha of Metrik 915EC	1.25 L – 1.75 L
Weeds controlled	Annual Nightshades (American Nightshade, Eastern Black Nightshade), Nutsedge, Annual Grasses and Broadleaf Weeds
Rate/ha of Metrik 915EC	1.25 L – 1.75 L
Rate/ha of tank mix partner	+ 0.5 L – 1.4 L Sencor 480 F
Notes	Apply in 150 - 300 L water/ha. Make only one application per year. Do not harvest within 60 days after application. Use the higher rate of Metrik 915EC for heavier weed problems. Consult the label of the product to be tank mixed with Metrik 915EC for specific instructions regarding weeds, rates, soil-type and organic matter variations and other restrictions. CAUTION: Do not apply Metrik 915EC on direct-seeded tomatoes. NOTE: Metrik 915EC may damage transplants that have been weakened by any cause resulting in reduced crop yield. To prevent damage, plant only healthy transplants. Do not plant when wet, cool or unfavourable growing conditions exist. follow all application and incorporation directions exactly.

	Tomato varieties differ in tolerance to Metrik 915EC. Since not all tomato varieties have been tested for tolerance to Metrik 915EC, first use of Metrik 915EC should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your plant supplier for information on the tolerance of specific tomato varieties to Metrik 915EC.
TRANSPLANTED FIELD TOMATOES – FOR FRESH MARKET OR PROCESSING	
Timing	Pre-plant Incorporated <i>followed by</i> Post-transplant
Weeds controlled	Smooth crabgrass, green foxtail, barnyard grass
Rate/ha of Metrik 915EC	0.87 L [pre-plant incorporation] + 0.44 – 0.87 L [post-transplant]
Notes	Apply in 150 – 300 L water/ha. Make the post-transplant application within 7 to 14 days after transplanting. The interval between pre-plant incorporation and post-transplant applications should be no longer than 14 days. Do not apply Metrik 915EC within 7 days of transplanting. Use the higher rates of Metrik 915EC for heavier weed problems. Do not exceed 1.75 L of Metrik 915EC on tomatoes per year. Do not harvest within 30 days after application. Do not apply Metrik 915EC on direct-seeded tomatoes. NOTE: Metrik 915EC may damage transplants that have been weakened by any cause resulting in reduced crop yield. To prevent damage, plant only healthy transplants. Do not plant when wet, cool or unfavourable growing conditions exist. follow all application and incorporation directions exactly. Tomato varieties differ in tolerance to Metrik 915EC. Since not all tomato varieties have been tested for tolerance to Metrik 915EC, first use of Metrik 915EC should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your plant supplier for information on the tolerance of specific tomato varieties to Metrik 915EC.

RESISTANCE MANAGEMENT

For resistance management, Metrik 915EC is a Group 15 herbicide. Any weed population may contain or develop plants naturally resistant to Metrik 915EC and other Group 15 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 Metrik 915EC or other Group 15 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 and to report suspected resistance, contact Tide International Canada Inc.

PRE-HARVEST INTERVALS (PHIs)

Crop	Pre-Harvest Interval (days)
Corn, hybrid, silage, field, seed	80
Corn, sweet	45
Dry Common Beans	100
Asian Radish	40
Asparagus	16
Carrots	30
Celery	62
Cucurbit Vegetables (Crop Group 9, excluding cucumber)	30
Eggplant	60
Highbush Blueberries (new and established plantings)	30
Mustard Greens	30
Outdoor Ornamentals (Woody and Herbaceous): Container, Field and Liner-Grown Plants and Plants in Landscape Plantings, Burning bush, Rhododendron, Daylily, Hosta, Juniper, Eastern white-cedar	Do not apply to trees or plants that will bear harvestable fruit within 12 months
Parsnip	60
Peanut	90
Pearl Millet for Animal Feed (grain)	130
Pearl Millet for Animal Feed (forage)	45
Peppers (field)	80
Strawberries, bearing years	30
Sugar beets (post-emergent timing only)	120

Sweet White Lupins	80
Sweet Potatoes	105
Tomatoes (transplanted and grown for processing)	60
Tomatoes (transplanted and grown for fresh market)	60

NOTE: Consult the label of products to be tank mixed or split-applied with Metrik 915EC for specific crop recommendations. Adhere to these product labels for broadleaf weeds controlled, precautions, warnings, restrictions, tank mixing and spraying instructions, rotational crops and detailed directions for use regarding dosage variations according to soil type.

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