

# Metrik 915EC Herbicide

Group 15 selective residual control of annual grasses & certain broadleaf weeds

## Why Choose Metrik 915EC?

- **Selective soil-applied control of annual grasses and certain broadleaf weeds**
- **Contains benoxacor safener – enhances S-metolachlor metabolism in corn for improved seedling safety**
- **Flexible timing: pre-plant surface, pre-plant incorporated, pre-emergent (and post-emergent in corn)**
- **Registered across a very broad range of field, vegetable, fruit and specialty crops**

## Product Overview

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

- Controls annual grasses and certain broadleaf weeds; suppresses redroot pigweed
- Benoxacor safener improves corn safety under cool or water-stressed conditions
- Improved crop safety applies to corn only, not other crops

## Key Product Details

- **Chemistry Group:** Group 15 Herbicide
- **Formulation:** Emulsifiable Concentrate for selective weed control – Commercial (Agricultural)
- **Active Ingredient:** S-Metolachlor and R-enantiomer 915 g/L (contains benoxacor safener)
- **Registration:** PCP Act Reg. No. 35721
- **Hazards:** CAUTION – eye irritant; toxic to aquatic and non-target terrestrial plants

## Best Practices for Use

- **Water volume:** minimum 150 L/ha, or the crop-specific volume, whichever is larger
- **Activation:** pre-emergent needs >1.25 cm rain within 7–10 days, or shallow cultivation
- **Organic matter (corn):** do not apply to soils <1% or >10% organic matter
- **DO NOT apply by air;** 29 m buffer zone to sensitive habitats
- **Make only one application per season;** REI 12 hours

## Registered Crops (selection)

- Corn (Eastern & Western Canada), sweet corn, soybeans, dry & snap beans, lima beans
- Potatoes, sweet potatoes, sugar beets, red beets, rutabagas, radish, carrots, parsnips, celery
- Peas, peppers, eggplant, cabbage/cauliflower/broccoli, mustard greens, cucurbits (Group 9)
- Peanuts, sweet white lupins, pearl millet
- Tree fruits (apple, cherry, peach, pear, plum, apricot), highbush blueberries, strawberries
- Conifers, spruce/pine transplants, poplar stool beds, outdoor ornamentals

## Weeds Controlled

- Annual grasses: barnyard grass, crabgrass, fall panicum, green/yellow/giant foxtail, old witchgrass
- Broadleaf: American & Eastern black nightshade; redroot pigweed (suppression)
- Yellow nutsedge (pre-plant incorporated only)
- Tall waterhemp (soybeans, suppression); triazine-tolerant broadleaf via tank mixes

## Tank Mixing & Compatibility

- Partners named on label: AATREX, glyphosate, Banvel II, Marksman, Callisto 480SC, Converge, Sencor, Pursuit, Lorox, Princep Nine-T, Simazine, Treflan
- Do not tank-mix with fluid fertilizers, oils, oil concentrates or surfactants when applying post-emergent
- ⚠ Do not tank mix products containing the same active ingredient unless listed on the label.
- ⚠ Jar-test tank mixes first; follow the most restrictive label.

## Net Contents

- 10 L



## Application Guidelines

The table lists each registered crop with the Metrik 915EC product rate, application timing category (PP = pre-plant surface, PPI = pre-plant incorporated, PRE = pre-emergent, POST = post-emergent) and pre-harvest interval. Tank-mix partner products and their rates are extensive – see the label. Metrik rates reproduced from the label.

| CROP                                             | RATE (L/ha)      | TIMING                              | PHI / NOTES           |
|--------------------------------------------------|------------------|-------------------------------------|-----------------------|
| Corn – Eastern Canada                            | 1.25–1.75        | PP / PPI / PRE / POST               | POST harvest 80 days  |
| Corn – Western Canada                            | 1.25–1.75        | PPI or PRE (irrigated)              | One per season        |
| Sweet corn                                       | 1.25             | PRE                                 | 45 days               |
| Soybeans                                         | 1.15–1.75        | PP / PPI / PRE                      | One per season        |
| Soybeans (tall waterhemp suppression)            | 1.75             | PRE                                 | One per season        |
| Soybeans, immature seed (edamame)                | 1.15–1.75        | PPI / PRE                           | One per season        |
| Snap beans (yellow/green) & lima beans           | 1.15–1.75        | PPI                                 | Seed ≥4 cm deep       |
| Dry common beans ( <i>Phaseolus vulgaris</i> )   | 1.15–1.75        | PPI / PRE                           | 100 days              |
| Kidney / cranberry beans (E. Canada, + Pursuit)  | 1.15–1.75        | PPI / PRE                           | 100 days              |
| Potatoes                                         | 1.25–1.75        | PPI / PRE                           | Not on cv. Superior   |
| Sweet potatoes                                   | 1.25–1.75        | Early post (2–5 d after transplant) | 105 days              |
| Sugar beets                                      | 1.25–1.75        | POST (cotyledon–4 leaf)             | 120 days              |
| Red beets                                        | 1.25             | PRE                                 | One per year          |
| Rutabagas (E. Canada)                            | 1.25–1.75        | PPI / PRE                           | One per year          |
| Asian radish                                     | 1.2–1.75         | PPI / PRE                           | 40 days               |
| Carrots                                          | 1.2–1.75         | PRE / POST (3–5 leaf)               | 30 days               |
| Parsnips                                         | 1.2–1.75         | PRE / POST                          | 60 days               |
| Celery                                           | 1.2–1.75         | After transplant                    | 62 days               |
| Processing peas (E. Canada)                      | 1.25–1.75        | PRE                                 | One per year          |
| Field peppers                                    | 1.15–1.25        | Within 48 h of transplant           | 80 days               |
| Eggplant (transplants)                           | 1.15–1.25        | Within 48 h of transplant           | 60 days               |
| Transplanted cabbage / cauliflower / broccoli    | 1.25–1.75        | Within 2 d of transplant            | One per year          |
| Mustard greens (transplanted)                    | 1.2–1.5          | PRE / POST (≤2-leaf)                | 30 days               |
| Cucurbit vegetables Group 9 (exc. cucumber)      | 1.15–1.56        | Banded / broadcast                  | 30 days               |
| Peanuts (Ontario)                                | 1.15–1.55        | PPI / PRE                           | 90 days               |
| Sweet white lupins                               | 1.10–1.75        | PRE                                 | One per year          |
| Pearl millet (animal feed, E. Canada)            | 0.625            | Early post (1–2 leaf)               | Forage 45 / grain 130 |
| Highbush blueberries                             | 1.25–1.75        | PRE (banded)                        | 30 days               |
| Strawberries                                     | 1.25–1.75        | PPI / PRE                           | 30 days               |
| Tree fruit – first-year (non-bearing)            | 1.25–1.75        | Post-plant, pre-weed                | One per year          |
| Tree fruit – established (bearing)               | 1.75             | Band, pre-weed                      | One per year          |
| Spruce/pine transplants & poplar stool beds      | 1.25–1.75        | Pre / early post-em                 | Before budbreak       |
| Conifers (established, field)                    | 1.25–1.75        | PRE                                 | One per year          |
| Outdoor ornamentals (woody/herbaceous)           | 1.25–1.75        | PRE / early post                    | One per year          |
| Transplanted processing tomatoes                 | 1.25–1.75        | PPI                                 | 60 days               |
| Transplanted fresh-market tomatoes               | 1.25–1.75        | PPI                                 | 60 days               |
| Transplanted field tomatoes (fresh / processing) | 0.87 + 0.44–0.87 | PPI + post-transplant               | 30 days; ≤1.75 L/yr   |

Rates shown are Metrik 915EC product rates; many crops require or allow tank-mix partners (see 'Tank Mixing' and the label for partner rates). Some rates vary by soil texture / organic matter on the label (e.g., mineral vs muck soils) – consult the label. 'One per season' means make only one application per year.

## Resistance Management

- Group 15 herbicide – rotate or tank-mix with herbicides of a different group
- Use an integrated weed-management program
- Winter cereals may be planted 4½ months following application; field bioassay advised for other rotational crops

## Safety & Environmental

- CAUTION – may irritate eyes; toxic to aquatic and non-target terrestrial plants
- DO NOT apply by air; 29 m buffer zone to sensitive terrestrial, freshwater and marine habitats
- REI 12 hours; keep out of reach of children
- Do not graze treated immature crops or cut for hay
- Do not apply to soils <1% or >10% organic matter (corn)



*This pest control product is to be used only in accordance with its label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the label. Always read and follow the most up-to-date label before application.*



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