

Celerix EC Herbicide

Group 14 contact herbicide – broadleaf control, burndown, hooded-sprayer & harvest-aid uses

Why Choose Celerix EC?

- **Fast-acting contact herbicide** – rapid foliar absorption, desiccation then necrosis
- **Selective post-emergence broadleaf control**
- **Pre-plant / burndown, fallow, hooded-sprayer row-middle and harvest-aid uses**
- **Sucker management in hops and primocane control in caneberry**

Product Overview

Celerix EC is a contact herbicide mixed with water and an adjuvant to:

- Provide selective post-emergence control of broadleaf weeds
- Perform weed burndown prior to planting
- Defoliate / desiccate labelled crops as a harvest aid
- Best applied to actively growing weeds up to 10 cm tall

Key Product Details

- **Chemistry Group:** Group 14 Herbicide
- **Formulation:** Emulsifiable Concentrate (EC) – Commercial (Agricultural)
- **Active Ingredient:** Carfentrazone-ethyl 240 g/L
- **Registration:** PCP Act Reg. No. 35604
- **Hazards:** CAUTION – eye and skin irritant; harmful if swallowed/absorbed/inhaled

Best Practices for Use

- **Use an adjuvant:** Agral 90 or Ag-Surf at 0.25% v/v, OR Merge at 1% v/v
- **Rainfast:** do not apply within 6–8 hours of rain/irrigation or with heavy dew
- **DO NOT apply by air;** field-sprayer buffer zone 5 m to terrestrial habitat
- **Spray quality:** ASABE medium or coarser; boom ≤60 cm; max ~210 kPa
- **REI:** 12 hours

Registered Uses / Crops

- Preplant burndown & fallow: legume/fruitlet/cucurbit vegetables, cereals, oilseeds, potatoes
- Hooded sprayer (row middles): root, bulb, leafy, brassica, legume, fruiting & cucurbit veg; pome, stone & berry fruits; grapes; strawberries
- Hops (sucker management & broadleaf control)
- Caneberry (Crop Subgroup 13-07A) primocane control
- Harvest aid: dried shelled peas/beans (6-C), potatoes, soybeans, barley, millet, oats, sorghum, triticale, wheat

Weeds Controlled (alone)

- Lamb's-quarters, redroot/prostrate/smooth/tumble pigweed, tall waterhemp, velvetleaf
- Eastern black & hairy nightshade, morning glory, field pennycress, common purslane
- Pennsylvania smartweed, tansy mustard, kochia, cocklebur, jimsonweed, carpetweed
- Volunteer canola (incl. glyphosate-tolerant), burclover, prickly lettuce, Venice mallow, corn spurry

Tank Mixing & Compatibility

- Partners named on label: glyphosate, 2,4-D ester, Pyroxasulfone 85 WG, bromoxynil (Koril 235 / Brotex 240), Reglone (potato harvest aid)
- Tank mixing broadens the grass/broadleaf spectrum – see label for partner rates
- Mix Celerix EC first, then add other products; do not use additives that alter pH.
- Follow the most restrictive tank-mix label; do not store spray mixtures overnight.

Net Contents

- 1.2 L



Application Guidelines

Celerix EC rate depends on the use pattern and weed size/spectrum. The table lists each use with its labelled rate, water volume and key notes. A spray adjuvant must be used for optimum performance. Rates reproduced from the label.

USE PATTERN	RATE	MIN. WATER	TIMING / KEY NOTES	PHI
Broadleaf weed control (alone)	36.5–117 mL/ha	—	Rate set by weed species/size; weeds up to 10 cm and actively growing	By crop
Preplant burndown & fallow	up to 117 mL/ha (sorghum ≤73)	100 L/ha	Before/at planting to actively growing weeds	—
Hooded sprayer (row middles)	37–117 mL/ha	100 L/ha	Directed to row middles; weeds ≤10 cm; sprayer speed ≤8 km/h	1–15 days
Hops – sucker management	150 mL/ha per application	200 L/ha	Directed to basal ~45 cm; max 2/yr, 14 days apart	7 days
Caneberry (13-07A) – primocane control	150 mL/ha	—	Primocanes ~13 cm, tissue young; max 2/yr	30 days
Harvest aid – grains, pulses, soybean	73–117 mL/ha (sorghum ≤73)	100 L/ha	Small grains at grain moisture <30% (hard dough)	3 days
Harvest aid – potatoes (desiccation)	233–350 mL/ha (max 350/app)	200 L/ha	At early senescence; 2nd app 7–14 days later if needed	7 days

Pre-harvest intervals vary by crop group (e.g., most vegetables 1 day; pome/stone fruit & grape 3 days; caneberry 15 days). The hooded-sprayer rate is printed as 37–117 mL vs the 36.5 mL low rate elsewhere – a label rounding artifact. See label for full weed lists and tank-mix partner rates.

Resistance Management

- Group 14 herbicide – rotate or tank-mix with herbicides of a different group
- Use an integrated weed-management program
- Apply to small, actively growing weeds for best contact activity

Safety & Environmental

- CAUTION – causes moderate eye irritation; harmful if swallowed, absorbed or inhaled
- Contains petroleum distillates; keep out of reach of children
- DO NOT apply by air; field-sprayer buffer zone 5 m to terrestrial habitat
- REI 12 hours
- Do not apply during temperature inversion or dead calm; avoid winds >16 km/h

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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