

Rowstrike 25 SG Herbicide

Group 2 (ALS Inhibitor) post-emergence weed control for corn, potatoes, tomatoes & berries

Why Choose Rowstrike 25 SG?

- Controls quackgrass, annual grasses & redroot pigweed; suppresses lamb's-quarters
- Works pre- or post-emergence in field corn
- Soluble granule – dissolves readily in water
- Non-corrosive, non-flammable, non-volatile and does not freeze
- Tank-mixes with several registered partners

Product Overview

Rowstrike 25 SG is a soluble granular herbicide mixed in water to:

- Control quackgrass, annual grasses and redroot pigweed
- Suppress lamb's-quarters
- Treat field corn pre- or post-emergence in Eastern Canada and the Red River Valley region of Manitoba

Key Product Details

- **Chemistry Group:** Group 2 Herbicide
- **Mode of Action:** ALS Inhibitor
- **Formulation:** Soluble Granules (SG)
- **Active Ingredient:** Rimsulfuron 25%
- **Registration:** PCP Act Reg. No. 35951
- **Signal Word:** CAUTION – Poison
- **Max. treatments:** One application per year

Best Practices for Use

- **Always add a non-ionic surfactant** at 2 L per 1000 L spray solution (0.2% v/v)
- **Temperature window** – apply only when temperature 24 h before AND after is 5–28°C; avoid stressed crops
- **Ground application only** – DO NOT apply by air
- **One application per year;** use spray solution within 24 hours of mixing
- **Clean sprayer thoroughly** (ammonia rinse) to avoid injury to following crops

Registered Crops

- Field corn (Eastern Canada & Red River Valley region of Manitoba)
- Potatoes (Eastern Canada); Irrigated potatoes (Western Canada, MB/SK/AB/BC)
- Seed potatoes
- Transplanted processing tomatoes; Fresh market field tomatoes
- Lowbush & Highbush blueberries
- Caneberries (Crop Subgroup 13-07A)
- Cranberry

Weeds Controlled (60 g/ha)

- Barnyard grass, Green foxtail, Yellow foxtail, Fall panicum, Witchgrass
- Redroot pigweed (incl. triazine-resistant); Quackgrass
- Lamb's-quarters (suppression only)
- Volunteer canola – in field corn at 30 g/ha

Tank Mix Partners

- Banvel Herbicide; Banvel II Herbicide (Dicamba 480 g/L)
- Dual II Magnum Herbicide
- Prowl H2O Herbicide
- Registered fertilizers/supplements (e.g., 28% UAN as carrier on corn)
- Follow the most restrictive label of any tank-mix partner; do not tank mix products containing the same active ingredient unless listed on this label.

Net Contents

- 480 g



Application Guidelines

Rate & water volume by registered use. Optimum water volume is 140–190 L/ha (minimum 100 L/ha). Always apply with a non-ionic surfactant at 2 L per 1000 L spray solution (0.2% v/v), by ground equipment only, with one application per year. Rates reproduced from the product label crop-use directions.

CROP / REGISTERED USE	RATE (g/ha)	MIN. WATER (L/ha)	TIMING & KEY NOTES	PRE-HARVEST INTERVAL
Field corn – Eastern Canada	60 (30 for volunteer canola)	100 (opt. 140–190)	Pre- or post-emergent; corn spike to 3-leaf stage. One application per year.	30 days
Field corn – Red River Valley, MB	60 pre-em / 50 post-em	100 (opt. 140–190)	Tank mix with Dual II Magnum + Banvel II; up to corn 3-leaf stage.	30 days
Potatoes – Eastern Canada	60	100	Before initiation of flowering; ground equipment only.	30 days
Irrigated potatoes – Western Canada (MB, SK, AB, BC)	60	100	Post-emergent, before flowering; one application per season.	See label
Transplanted processing tomatoes	60	100	Up to 4-leaf stage of hairy nightshade; ground only.	30 days
Fresh market field tomatoes	60	100	For control of hairy nightshade; ground only.	30 days
Field tomatoes	140	200	Single post-emergent spray, at least 21 days after transplanting.	30 days
Lowbush blueberries	60	140	Sprout (non-bearing) year; annual grasses 1–6 leaf; ground only.	14 months
Highbush blueberries	60	100 (rec. 140–190)	Early post-emergent directed spray. Banded ($\leq 50\%$) may be applied twice/yr, but not more than 60 g/ha on a broadcast basis per year.	21 days
Caneberries (Crop Subgroup 13-07A)	60	100 (rec. 140–190)	Early post-emergent directed spray to actively growing weeds.	21 days
Cranberry	60	200	Apply when weeds are small and actively growing.	60 days

Rates above are taken from each crop's Directions for Use. The label's Statutory Conditions box separately states a maximum rate of "60 g/ha for all crops except 140 g/ha for transplanted processing tomatoes and fresh market field tomatoes" – a wording that differs from the crop-use sections; always follow the current label. Volunteer canola in field corn: 30 g/ha.

Resistance Management

- Rowstrike 25 SG is a **Group 2** herbicide (ALS inhibitor); repeated use can select for resistant weed biotypes
- Rotate with, or tank mix, herbicides from a different group that control the same weeds
- Base herbicide use on an integrated weed-management program
- Scout treated fields and report any non-performance

Safety & Environmental

- CAUTION – Poison.** Keep out of reach of children
- PPE: long-sleeved shirt, long pants, chemical-resistant gloves, socks & shoes; goggles/face shield for mixing, loading & clean-up
- Restricted-entry interval (REI): 12 hours
- Toxic to non-target terrestrial plants and aquatic organisms; do not contaminate water
- Spray buffer zones (field sprayer): 5 m for most crops, 15 m for field tomatoes; 1 m to aquatic habitats
- Do not graze treated crop or cut for hay

Rowstrike 25 SG is a pest control product 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 inconsistent with the label. Always read and follow the most up-to-date label before application.



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