

Ingenious Herbicide

GUARANTEE: Quinclorac 75% DF

PCP #32213

For selective post-emergence control of green foxtail, cleavers, volunteer flax and barnyard grass and suppression of annual and perennial sow-thistle in spring and durum wheat, spring barley, canary seed, canola, Clearfield canola quality Brassica juncea, and tame mustard (brown and oriental).

Registered Crops:

Canola: 2 to 6 leaf (Application for preseed to 6 leaf has been applied for registration)

Wheat: (spring, durum) 1 to 5 leaf

Barley: (spring) 1 to 4 leaf (prior to tillering)

Canary Seed: 3 to 5 leaf

Weeds and Rates:

Broadleaf :

Annual sow thistle 2 to 6 leaf,

Cleavers 1 to 3 whorls, (Application of up to 4 whorls season long control when tank mixed with Glufosinate has been applied for registration).

Perennial sow thistle 2 to 6 leaf,

Volunteer flax 1 to 8 cm (Application of 1-10 leaf season long control when tank mixed with Glufosinate has been applied for registration).

Grasses:

Barnyard grass 1 to 5 leaf,

Green foxtail up to 2 tillers

Packaging: 10 Kg Case with 1*10kg packs /case. 32 boxes per pallet

Water Volume: Use sprayers equipped with standard flat fan pesticide nozzles with a spray volume of 100 L/ha at a constant pressure of 275-425 kPa. Tilt spray nozzles 45 degrees forward to ensure better coverage. The use of 50 mesh strainers and screens is recommended.

Mix Instructions:

Apply INGENIOUS Herbicide at 135-165 g/ha when weeds are small and actively growing. INGENIOUS Herbicide will control the weeds at the timing detailed in Table 1. INGENIOUS Herbicide can be applied to wheat, spring barley and canary seed at the maximum application rates and timing detailed in Table 1.

Use the 135 g/ha rate ONLY for control of volunteer flax, barnyard grass, cleavers, lighter infestations of green foxtail and suppression of annual and perennial sow-thistle. Use the higher rate of 165 g/ha for control of heavier infestations of green foxtail. (Do not use the 165 g/ha rate on barley.) Use only the 135 g/ha rate when applying Ingenious Herbicide to spring barley.

Improved cleavers control in canola may be accomplished using a rate of 62 g/ha when tank mixed with Liberty 150 SN Herbicide at a rate of 3.33 L/ha on Liberty Link Canola, or with glyphosate products (360 g/L acid equivalent (ae) isopropylamine salt formulations or 540 g ae/L potassium salt formulations) at a rate of 667 g ae/ha on Roundup Ready Canola. All glyphosate products must be registered for post-emergent use on glyphosate tolerant canola varieties.

Application should be made from the 2 to 6 leaf stage of the canola crop when cleavers are between the cotyledon to 3 whorls stage.

Performance:

Always use MERGE adjuvant at 1.0% v/v for optimum performance of INGENIOUS Herbicide.

Tank Mixes:

Herbicide for Liberty Link canola: Liberty (Glufosinate) and Merge at 0.5% v/v OR Liberty (Glufosinate), Centurion (Clethodim), and Amigo at 0.5% v/v **Herbicide for Roundup Ready canola:** Glyphosate and Merge at 0.5% v/v

Herbicide for Clearfield canola: Clearfield Production System herbicide and Merge at 0.5% v/v

Storage: May be frozen the product is a dry formulation

Rain fast: Rainfall within 6 hours may reduce control of foliar applications.

Visual symptoms of weed control of **Ingenious** may take up to two weeks following application to develop. These symptoms include initial twisting to stunting, reddening and chlorosis at about 14 days followed by necrosis and death about 21 days after application. Even though **Ingenious** symptoms may take some time to develop, competition from weeds treated with **Ingenious** is eliminated soon after application.

Preharvest Interval:

60 days after application for canola.

77 days after application for wheat (spring, durum) and canary seed.

80 days after application for spring barley.

Grazing: Do not graze or cut for feed within 77 days of application.

Follow Crops:

0 months (same season) Wheat (spring and durum) Spring Barley, Canola

10 months after application Field peas, Sunflowers,

12 months after application Oats

22 months after application soybeans, Lentils, Flax

Do Not apply Ingenious Herbicide more than once every two years. Do not use on land intended for Potatoes or vegetables are in rotation.

Always read and follow the label directions. The label supersedes all information given in this tech sheet.

For more information, please call 1 888 931 2530

The logo for Advantage features the word "Advantage" in a bold, green, sans-serif font. The letter "v" is stylized with two orange leaf-like shapes extending from its top and bottom, positioned between the "d" and the "a".

