



AUTHORITY[®]

BRAND

HERBICIDES

NEW! Authority[®] brand herbicides are registered for fall application, providing consistent and high-performing weed control the following spring

What is Authority[®] 480 herbicide?

Authority[®] 480 herbicide provides extended activity on challenging weeds like kochia, Russian thistle¹, redroot pigweed, lamb's quarters and cleavers¹. Its liquid formulation can be easily tank-mixed with glyphosate or applied alone and does not require soil incorporation. Post-harvest application fields can be spring seeded to chickpeas, field pea, flax, sunflowers, soybeans, wheat (spring and durum), tame mustard and faba bean.

What is Authority[®] Supreme herbicide?

Authority[®] Supreme herbicide delivers consistent, extended control of many grassy and broad-leaf weeds in front of field peas, chickpeas, soybeans and sunflowers. By combining Group 14 and 15 modes of action, it also provides highly effective resistance management. Authority[®] Supreme herbicide can be tank-mixed with glyphosate.

Fall applications help ensure clean fields for spring

Authority[®] brand herbicides require moisture to activate. Spray Authority[®] brand herbicides as soil temperatures are cooling to 10° C or less and before soil freeze-up. The soil-applied herbicides are activated with snow melt the following spring, creating an active layer that is taken up by the roots and shoots of germinating weeds. Its unique chemical characteristics mean it does not tie up with crop residue and does not volatilize into the air. Subsequent moisture events are required to maintain the herbicides in solution and available for weed uptake.

GROUPS
14 | 15

Quick facts

Authority[®] 480 herbicide

Group 14

Water volume:
10 US gal/ac (100 L/ha)

Package size:
4 x 3.79 L jugs per case

Activation requirement:
Minimum of 13 mm (0.5") of moisture

Can be tank-mixed with
glyphosate

Authority[®] Supreme herbicide

Groups 14 & 15

Water volume:
10 US gal/ac (100 L/ha)

Package size:
2 x 8L jugs per case

Activation requirement:
15 to 25 mm (0.5") of moisture

Can be tank-mixed with
glyphosate

Consistent High Performing Control



Untreated Check



Authority[®] Supreme herbicide 40 acres/jug



Market competitor 40 acres/jug

Location: Hanley, SK

Fall application date: November 2, 2020

Photo taken: July 6, 2021 (246 DAA)

¹Suppression

Pick the right Authority® brand herbicide

Choose Authority® 480 herbicide when you're after kochia

- Extended activity on kochia and other key weeds
- Apply with glyphosate if weeds are actively growing
- Two rates (32 or 43 acres per jug) depending on cropping decisions, soil types and weed spectrum. The higher rate is required for control of lamb's quarters, redroot pigweed, wild buckwheat and cleavers

Choose Authority® Supreme herbicide in the fall for 2-in-1 protection

- Multiple modes of action (Group 14 and 15) for resistance management
- Controls grassy and broadleaf weeds
- Apply with glyphosate if weeds are actively growing
- Each 8L jug treats 33 or 40 acres, depending on soil characteristics
- Those with lower organic matter (1 - 3% O.M.) will have extended control at 40 acres/jug, while those with a higher organic matter (3 - 6% O.M.) will want to increase the rate to 33 acres/jug to achieve extended control

Do not use Authority® brand herbicides on coarse-textured soils, soils with less than 1% (Authority® Supreme herbicide) or 1.5% (Authority® 480 herbicide) organic matter, soils with organic matter greater than 6% or with a soil pH greater than 7.8. Do not apply Authority® brand herbicides to fields previously treated with an Authority® brand herbicide in the last 12 months. Refer to labels for complete product information.

Both Authority® brand herbicides come in a convenient liquid formulation. An easy-to-use liquid formulation gets you out in the field quicker – a real benefit at times when every hour counts.



Authority® 480 @ 43 ac/jug vs. untreated
Date of Application – November 5, 2019
Picture Date – June 11, 2020 (219 DAA)



Authority® Supreme @ 40 ac/jug vs. untreated
Date of Application – November 5, 2019
Picture Date – June 11, 2020 (219 DAA)

Authority® Supreme herbicide

Crops:

Chickpeas, field peas, soybeans or sunflowers

Rates:

40 ac/jug at 1-3% organic matter
33 ac/jug at 3-6% organic matter

Weeds:

Grassy weeds

Barnyard grass, crabgrass, downy brome, giant foxtail, green foxtail, Japanese brome, wild oats¹, witchgrass, yellow foxtail

Broadleaf weeds

Cleavers, common ragweed¹, common waterhemp, cow cockle, green pigweed, kochia, lamb's-quarters, redroot pigweed, Russian thistle, stinkweed, wild buckwheat, wild mustard¹

Authority® 480 herbicide

Crops:

Chickpeas, field pea, flax, sunflowers, soybeans, wheat (spring and durum - low rate only), tame mustard (low rate only) and faba bean

Weeds controlled at 43 ac/jug or 89 mL/ac (0.219 L/ha) rate:

Kochia, Russian thistle¹

Weeds controlled at 32 ac/jug or 118 mL/ac (0.292 L/ha) rate:

Cleavers¹, common groundsel, common purslane, common waterhemp, eastern black nightshade, kochia, lamb's-quarters, large crabgrass, Powell pigweed, redroot pigweed, Russian thistle¹, smooth crabgrass, wild buckwheat, yellow woodsoorrel

¹Suppression



FMC WILL DONATE TO LOCAL COMMUNITY GROUPS WHEN A FALL HERBICIDE IS PURCHASED

FMC Canada will donate \$0.10 for every acre of Express® brand herbicides, Focus® herbicide, Intruvix™ herbicide and/or PrecisionPac® burnoff herbicides sold between July 15th and October 31st, 2023* to an organization chosen by a participating retailer.

NEW for 2023! Authority® 480 herbicide and Authority® Supreme herbicide are now registered for fall application and are part of the FMC Clean Fields Community Yields program.

Questions? Ask your retailer about Authority® brand herbicides today.

Always read and follow label instructions.
Member of CropLife Canada.

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