

AUTHORITY[®] 480

HERBICIDE

GROUP
14

Give your crop the clean start it deserves

What is Authority[®] 480 herbicide?

Authority[®] 480 herbicide is a powerful, flexible pre-emergent Group 14 herbicide that provides extended activity on challenging weeds like kochia, redroot pigweed, lamb's-quarters, wild buckwheat and cleavers. Authority[®] 480 herbicide can be tank-mixed with glyphosate.

How does Authority[®] 480 herbicide help my farm business?

- **It controls many of the toughest weeds you face.** These side-by-side trials highlight the dramatic difference between using Authority[®] 480 herbicide and no control product.

Quick facts:

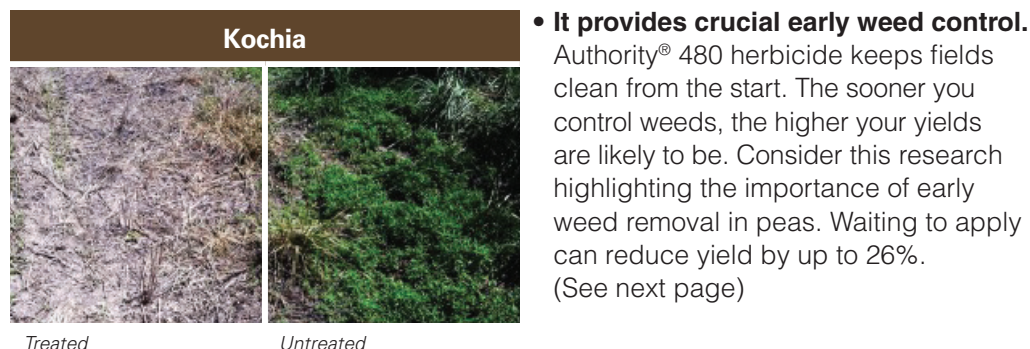
Formulation:
Authority[®] 480 Sulfentrazone

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

Package size:
4 x 3.79 L jugs per case

Activation requirement:
Needs 6 mm (¼") of rainfall

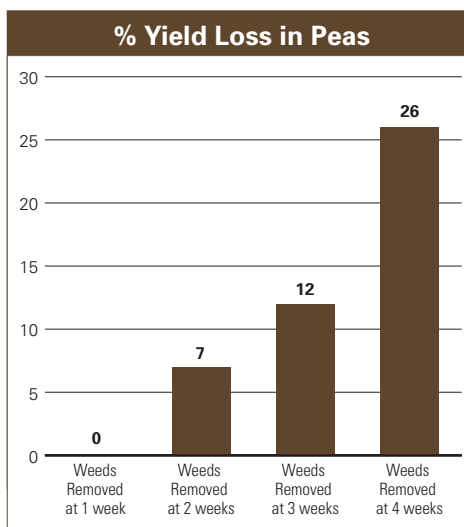
Re-entry interval: 12 hours



- **It provides crucial early weed control.** Authority[®] 480 herbicide keeps fields clean from the start. The sooner you control weeds, the higher your yields are likely to be. Consider this research highlighting the importance of early weed removal in peas. Waiting to apply can reduce yield by up to 26%. (See next page)

- **Authority® 480 herbicide is easy to use.** One small case of Authority® 480 herbicide treats 128 acres to 172 acres, with a convenient liquid formulation, compared to 80 acres for one large tote of competitive granular herbicide.

- **It helps with resistant weeds.** As a Group 14 herbicide, Authority® 480 herbicide is active on these resistant weeds: redroot pigweed (Groups 2 and 5), lamb's-quarters (Group 2), cleavers (Groups 2 and 4), kochia (Groups 2, 4, 5 and 9) and wild buckwheat (Group 2).



Crops:

- Soybeans
- Field peas
- Flax
- Faba beans
- Chickpeas
- Sunflowers

Weeds:

- Kochia
- Redroot pigweed
- Lamb's-quarters
- Wild buckwheat
- Cleavers (suppression)

What rate should I use?

Authority® 480 herbicide has a rate range based on soil types and weed spectrum. Different rates are required for certain situations. When using Authority® 480 herbicide, use 32 to 43 acres per jug. Higher rates are required for control of lamb's-quarters, redroot pigweed, wild buckwheat and cleavers. Always refer to the label for specific rates and usage directions.

Rates – Rules of Thumb		
When to use 32 acre per jug rate	When to use 43 acre per jug rate	When to NOT use at all
Lamb's-quarters, redroot pigweed, wild buckwheat and cleavers	When only after kochia	Coarse "textured" sand soil with less than 1.5% O.M. Fine "textured" soils with less than 1.5% O.M. or pH above 7.8

How does Authority® 480 herbicide affect my crop rotation?

Chickpeas, faba beans, field peas, flax, soybeans, sunflowers: Anytime

Winter wheat: 4 months

Alfalfa, barley, canola, field corn, spring and durum wheat: 12 months

Lentils: 24 months

Questions? Ask your retailer about Authority® 480 herbicide today.

Always read and follow label directions.
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