

CORN - FINE SOIL - MINIMUM OR NO-TILLAGE - WEEDS PARTIALLY CONTROL

General Information

of active ingredient applied, 1 qt Bicep II Magnum contains 0.775 lb ai atrazine + related compounds and 0.6 lb S-metolachlor.

To determine the combined total lb ai of atrazine or S-metolachlor per acre resulting from all products, use the following 2-step method:

A. Determine the lb ai of atrazine or S-metolachlor applied as Bicep II Magnum (1.0 qt = 0.775 lb ai atrazine + related compounds and 0.6 lb ai S-metolachlor); then,

B. If Dual Magnum, Dual II Magnum or any other source of S-metolachlor is to be used, add the lb ai S-metolachlor to be applied in these products to the lb ai S-metolachlor in Step A above; or if AAtrex or any other source of atrazine is to be used, add the lb ai atrazine to be applied in these products to the lb ai atrazine + related compounds in Step A above.

Restrictions for All Bicep II Magnum Corn Applications

- The combined amount of Bicep II Magnum resulting from all applications to corn must not exceed a total of 3.23 qt/A per calendar year.
- When tank mixing or sequentially applying atrazine or products containing atrazine, such as AAtrex, do not exceed a single application rate of 2.0 pounds active ingredient of atrazine (2.58 qt Bicep II Magnum) per acre.
- When tank mixing or sequentially applying atrazine or products containing atrazine, such as AAtrex, the total pounds of atrazine applied (lb ai) must not exceed 2.5 lb per acre per calendar year.
- If other products containing S-metolachlor, such as Dual Magnum or Dual II Magnum, have been applied, the combined total amount of S-metolachlor resulting from all applications must not exceed 3.75 lb per acre per calendar year.
- Do not graze or feed field corn forage from treated areas for 60 days or sweet corn

forage for 45 days following Bicep II Magnum application.

- Preharvest Interval (PHI): Do not harvest sweet corn ears from treated areas for 30 days following Bicep II Magnum application.

Precautions for All Bicep II Magnum Sorghum Applications

- If sorghum seed is not properly pretreated with Concep, application of Bicep II Magnum will result in severe crop injury or death.

- Injury may occur to sorghum following the use of Bicep II Magnum under abnormally high soil moisture conditions during early development of the crop.

Limitations, Restrictions, and Exceptions

Tank Mixture of Bicep II Magnum Alone or Bicep II Magnum + AAtrex, Dual Magnum, Dual II Magnum, or Princep, with Gramoxone Brands, or Solo Glyphosate Brands

In minimum-tillage or no-tillage systems where corn is planted directly into a cover crop, stale seedbed, established sod, or previous crop residues, tank mix the contact herbicides Gramoxone brands, or solo glyphosate brands with Bicep II Magnum alone or with Bicep II Magnum + AAtrex, Dual Magnum, Dual II Magnum, or Princep. When used as directed, the Gramoxone brands portion of the tank mixture controls most emerged annual weeds and suppresses many perennial weeds. Solo glyphosate brands will control emerged annual and perennial weeds when applied as directed on its label. The Bicep II Magnum portion of the tank mixture provides preemergence control of the weeds listed on this label in the Bicep II Magnum Alone section for corn. The addition of AAtrex, Dual Magnum, Dual II Magnum, or Princep offers the advantage indicated above.

Application: Apply before, during, or after planting, but before corn emerges, at the appropriate rate in Table 8. Up to 0.75 qt of AAtrex 4L (0.8 lb of Nine-O), or 0.33 pt of Dual Magnum or Dual II Magnum or 1.0 qt of Princep 4L (1.1 lb of Caliber 90) per acre may be added to the rate of Bicep II Magnum labeled in Table 8. Add Gramoxone brands or solo glyphosate brands at labeled rates.

Apply in 20-60 gal of water per acre with conventional spray equipment.

Tank Mixture of Bicep II Magnum Alone or Bicep II Magnum + AAtrex, or with 2,4-D or 2,4-D + Banvel

In minimum-tillage or no-tillage systems where corn is planted directly into a cover crop, stale seedbed, established sod, or previous crop residues, Bicep II Magnum may be applied in combination with AAtrex. When used as directed, the Bicep II Magnum portion of the tank mixture provides preemergence control of the weeds listed on this label in the Bicep II Magnum Alone section for corn.

Application: Apply Bicep II Magnum before, during, or after planting, but before corn emerges, at the appropriate rate in Table 8. Up to 0.75 qt of AAtrex 4L (0.8 lb of Nine-O) per acre may be added to the rate of Bicep II Magnum labeled in Table 8.

For control of broadleaf weeds or where heavy crop residues exist, add an appropriately labeled 2,4-D amine or low volatile ester to the spray tank last and apply in a minimum of 25 gal of carrier per acre.

As carriers, nitrogen solutions and complete liquid fertilizers, applied before corn emergence, enhance burndown of existing weeds, and therefore, are preferred instead of water. Add a non-ionic surfactant (NIS) at 1.0-2.0 qt/100 gal of diluted spray, or another surfactant cleared for use on growing crops at its labeled rate. Apply before weeds exceed 3 inches in height. If alfalfa is present, add Banvel to the spray mixture at 0.33-0.5 pt/A and apply before alfalfa exceeds 6 inches in height.

For fields with existing sod grasses (e.g., bromegrass, orchardgrass, rye, or timothy), when existing weeds exceed 3 inches in height or when very dry conditions exist, add Gramoxone brands at the rate of 2.5 pt/A in place of, or in addition to, 2,4-D as indicated above. Do not apply Gramoxone brands in suspension-type liquid fertilizer. Observe all directions for use, precautions, restrictions and limitations on the respective product labels when applying these products in tank mix combination.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

24 hours

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Soils

[Fine](#)

[Silty Clay Loam](#)

[Sandy Clay Loam](#)

[Silty Clay](#)

[Sandy Clay](#)

[Clay](#)

[Clay loam](#)

Tillages

[No-Tillage](#)

[Minimum](#)

Timings

[At-Plant](#)

[Preemergence \(Crop\)](#)

[Preplant](#)