

Technical Recommendation

Lumax EZ Herbicide - Control of Weeds in Emerged Corn – Southern KS, MO, IL, IN, OH

Lumax EZ Herbicide may be applied post emergence to corn before corn exceeds 12 inches in height

Situation 1 - grass¹ < 2 leaf stage & broadleaf weeds < 3 inches

Apply **Lumax EZ²** (1.6³ – 3.25 qts/A) + **COC⁴** (1 gal/100 gal) or **NIS** (1 qt/100 gal)

- **AAtrex⁵** Herbicide may be tank-mixed with Lumax EZ (the addition of 0.75-1.0 lbs of AAtrex to 1.6 qts/A of Lumax EZ will improve burndown and residual control)

Situation 2 - grass > 2 leaf stage & broadleaf weeds > 3 inches

Glyphosate Tolerant Corn

- **Lumax EZ²** (1.6³ – 3.25 qts/A) + **Touchdown Total** Herbicide(24 oz/A) + **AMS** (8.5-17 lb/100gal)
- **AAtrex⁵** may be tank-mixed with Lumax EZ + Touchdown Total (the addition of 0.75-1.0 lbs of AAtrex to 1.75 qts/A of Lumax EZ will improve residual control)

LibertyLink Corn

- **Lumax EZ²** (1.6³ – 3.25 qts/A) + **Liberty[®]** 22-29 oz/A) + **AMS** (8.5-17lb/100gal)
- **AAtrex⁵** may be tank-mixed with Lumax EZ + Liberty (the addition of 0.75-1.0 lbs of AAtrex to 1.75 qts/A of Lumax EZ will improve residual control)

Conventional Corn (not glyphosate or Liberty tolerant)

- **Lumax EZ²** (2.7 – 3.25 qts/A) + **Accent Q** or **Resolve Q** or **Steadfast Q** + **NIS** (1qt/100 gal) + **AMS** (8.5-17lb/100gal)

Restrictions

- Application of Lumax EZ to emerged corn previously treated with Counter[®] insecticide may result in severe crop injury. Temporary crop injury may occur if Lumax EZ is applied to emerged corn previously treated with a soil application of an organophosphate insecticide other than Counter.
- Do not make postemergence applications of Lumax EZ in a tank mix with any organophosphate or carbamate insecticide or server corn injury may occur. Postemergence application of any organophosphate or carbamate insecticide within 7 days before or 7 days after a Lumax EZ application may result in severe corn injury.
- Do not use nitrogen based adjuvants (UAN or AMS) when Lumax EZ is applied to emerged corn, unless specifically stated in the Lumax EZ alone or the Lumax EZ + Touchdown, Liberty, Accent Q, or Steadfast Q tank-mixes.
- Do not apply Lumax EZ to emerged sweet corn or yellow popcorn.
- Do not use methylated seed oil (MSO) with Lumax EZ when applied alone to emerged field corn or when applied as a postemergence tank mixture with other products

¹Grasses excluding fall panicum, woolly cupgrass, wild proso millet, and perennial grasses.

²Water carrier only for all herbicide applications to emerged corn.

³.With foundation rates of Lumax EZ, a second postemergence application may be necessary to provide season long control

⁴The use of crop oil concentrate may result in temporary crop injury, to minimize crop response use NIS.

⁵Follow appropriate atrazine restrictions.

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