

Herbicide Recommendations for Sweet Corn

Joe Masabni
UKREC
Princeton, KY



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Preemergence Herbicides



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Aatrex 4L

Rate: 1 – 2 qt / A

PRE for annual grasses and broadleaves weed control

- Apply after planting but before weeds are 1 inch tall.
- Best in combination with alachlor or s-metolachlor.
- Do not plant any crop but corn for 18 months because of residual injury.
- Do not use atrazine exclusively because resistance
- has occurred in certain weed species.



Bicep II Magnum 5.5E

Rate: 2.1 – 2.58 qt / A

PRE for annual grasses and broadleaves weed control

- Do not use if small grains are to be planted the same year or if vegetable crops or tobacco are to be planted the following year.
- Conduct a soil test analysis for atrazine residue before the second year planting.
- May be applied at 1.3 to 2.58 qt/A in min. 15 gal water as a postemergence directed treatment on weeds < 2 leaf stage.



Bullet 4F

Rate 3 – 3.75 qt / A

PRE for annual grasses and broadleaves weed control

- **Apply to soil surface immediately after planting.**
- **See label for further directions and restrictions.**
- **Max. rate is 6.4 qt / A / year or 2 applications / year.**



Callisto 4L

Rate: 6 – 7.7 fl.oz. / A

PRE for annual broadleaves weed control

- **Rainfall within 7-10 days is needed for activation.**
- **If no rain, a rotary hoe is suggested.**
- **Do not cultivate 7 days before or after application.**
- **Do not tank mix with organophosphate or carbamate insecticide or with a grass herbicide.**



Dual II Magnum 7.6E

Rate 1.3 – 1.7 pt / A

**PRE for grasses and broadleaves weed control
and suppression of nutsedge**

- Apply preplant surface or incorporated and preemergence.
- See label for specific rates.
- Better control of seedling johnsongrass with higher rates.
- Small grains may be planted 4½ months following treatment.
- See label for other rotational crop restrictions.

Guardsman Max 5EC

Rate: 3 – 4 pt / A

PRE for annual grasses and broadleaves weed control and suppression of nutsedge

- Preplant applications for use in min. tillage or no-tillage (15 to 45 days).
- If incorporated, apply min. 2 weeks before planting.
- For preemergence, rainfall or irrigation is needed for activation.



Micro-Tech 4ME

Rate: 2.5 – 3 qt / A

PRE for annual grasses and broadleaves weed control

- Apply as preplant or preemergence.
- Use higher rate for control of lambsquarters, black nightshade, nutsedge, and seedling johnsongrass.
- Restricted use pesticide.
- Max. 1 application / year and 4 qt / A / year.



Outlook 6E

Rate: 14 – 18 fl.oz. / A

PRE for annual grasses and broadleaves control and suppression of nutsedge

- Can be applied preplant surface or incorporated and preemergence.
- Outlook can be applied through herbigation or mixed with bulk dry fertilizer.
- Check label for exact rate for your soil type.
- PHI = 50 days. Max. rate is 21 fl.oz. / season.



Prowl 3.3E

Rate: 2.4 – 3.6 pt / A

PRE for annual grasses and broadleaves weed control

- **For use in conventional tillage only.**
- **Plant corn at least 1.5” deep.**
- **Apply preemergence after planting but before crop or weeds emerge.**
- **Max. 1 application / season.**



Postemergence Herbicides



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Aim 1.9EW

Rate: 0.5 – 1.5 fl.oz. / A

Contact POST for annual broadleaves and suppression of perennial broadleaves

- **Can be applied as a preplant, pre-transplant burndown, or before crop emerges to actively growing weeds up to 4" tall.**
- **Can also be applied postemergence as a directed hooded application between crop rows.**
- **Use min. 10 gal of water/A and crop oil 1%.**
- **Max. rate 2 fl.oz. / A.**



Basagran 4L

- Rate: 1 – 2 pt / A
- POST for annual broadleaves weed control and suppression of nutsedge
- Use 2 applications for nutsedge control.
- Best if tank mixed with other corn herbicides.
- Do not graze treated corn before 12 days after application.



Callisto 4L

Rate: 3 fl.oz. / A

POST for annual broadleaves weed control

- **Rainfall within 7-10 days is needed for activation.**
- **If no rain, a rotary hoe is suggested.**
- **Do not cultivate 7 days before or after application.**
- **Do not tank mix with organophosphate or carbamate insecticide or a grass herbicide.**



Dual II Magnum 7.6E

Rate 1.3 – 1.7 pt / A

**POST for grasses and broadleaves weed control
and suppression of nutsedge**

- Apply postemergence or layby.
- Better control of seedling johnsongrass with higher rates.
- Small grains may be planted 4½ months following treatment.
- See label for other rotational crop restrictions.



Eradicane 6.7E

Rate: 4.75 – 7.33 pt / A

POST for annual grasses and broadleaf weed control and suppression of johnsongrass, bermudagrass, and nutsedge at the high rate.

- **Check with your co-op manager or supplier; this product may be difficult to locate in Kentucky.**



Guardsman Max 5EC

Rate: 3 – 4 pt / A

POST for annual grasses and broadleaves weed control and suppression of nutsedge

- For early postemergence, apply to corn up to 12 inches tall.



Gramoxone Max 3L

Rate: 1.3 – 2.7 pt / A

POST for non-selective contact weed control

- **Apply before, during, or after planting but before crop emergence.**
- **Use higher rate for heavy weed infestations.**
- **Add non-ionic surfactant 0.25%.**
- **Can be applied postemergence as a directed spray at 0.7 to 1.3 pt/A on corn at least 10" tall with nozzles arranged to spray the bottom 3" of the stalk.**
- **Shorter corn plants may be injured.**



Outlook 6E

Rate: 14 – 18 fl.oz. / A

**POST for annual grasses and broadleaves
control and suppression of nutsedge**

- Can be applied postemergence to corn up to 12" tall.
- Outlook can be applied through herbigation or mixed with bulk dry fertilizer.
- Check label for exact rate for your soil type.
- PHI = 50 days. Max. rate is 21 fl.oz. / season.



Permit 75WG

Rate: 0.67 oz / A

POST for broadleaves and nutsedge weed control

- **Apply postemergence broadcast from the spike to lay-by stage.**
- **Avoid cultivation within 7 days of application.**
- **Apply again as directed spray if needed and avoid spraying the plant whorl.**
- **Include 0.5% v/v non-ionic surfactant.**
- **Not all corn varieties are tested, so use Permit with caution on newly released varieties.**
- **Do not apply to 'Jubilee' sweet corn or any corn under stress.**
- **Do not use with soil applied organophosphate insecticides and do not apply any organophosphate insecticide within 7 days before or 3 days after Permit application.**



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Prowl 3.3E

Rate: 2.4 – 3.6 pt / A

POST for annual grasses and broadleaves weed control

- **For use in conventional tillage only.**
- **Plant corn at least 1.5” deep.**
- **Apply postemergence to corn 20-24” tall or has 8 visible collars (V8).**
- **Max. 1 application / season.**



Roundup WeatherMax 5.5L

Rate: 16 – 22 fl.oz. / A

POST for non-selective systemic weed control

- Use only AMS 1 – 2%.
- Adding a non-ionic surfactant can reduce weed control effectiveness.
- Min. 3 days between application and planting.
- Min. 30 days before planting any non-labeled crop.



Starane 1.5L

Rate: 0.6 – 1.3 pt / A

POST for broadleaves weed control

- **Apply broadcast or band to corn up to 4 leaf collars (V4). After V4 stage, apply only as a directed treatment with drop nozzles.**
- **Max. 2 applications or 1.3 pt / A / season.**
- **PHI = 31 days.**
- **See label for control of volunteer potato vine.**



Stinger 3L

Rate: 0.3 – 0.6 pt / A

POST for broadleaves weed control

- **Apply broadcast after corn emerges in 10-20 gal water / A.**
- **Apply to weeds up to 5 leaf stage.**
- **Make 1-2 applications with a min. 21 days between treatment.**
- **PHI = 30 days.**



Weedar 64 4L

Rate: 1 – 3 pt / A

POST for selective control of broadleaves weeds

- Apply 7 to 14 days preplant at 1 to 2 pt/A.
- Apply 3 to 5 days after planting but before corn emerges at 2 to 3 pt/A.
- Apply on small weeds when corn is 8 inches tall using drop nozzle at 0.5 to 1.5 pt/A.
- Avoid drift to other crops.
- 2,4-D may injure some supersweet (sh2, SE) cultivars.