



2025 Sugarbeet Weed Management Recommendations

This is not a substitute for reading product labels. Contact your Agriculturist for further information.

Resistant Waterhemp Management

PPI / PRE:	*1st Application On 2-Leaf Sugarbeets	*2nd Application 10 - 14 Days After Treatment	*3rd Application 10 - 14 Days After Treatment	***Rescue Treatment
Ethofumesate = 2 - 3 pt/A & **Dual Magnum = 0.5 - 0.75 pt/A - OR - Ethofumesate = 5 - 7.5 pt/A - OR - **Dual Magnum = 0.75 - 1.0 pt/A	PowerMAX 3 [®] = 25 - 30 fl oz/A + Outlook = 12 fl oz/A - OR - Dual = 1 pt/A - OR - Warrant = 3 pt/A + ^Ethofumesate = 4 - 6 fl oz/A + Betamix = 12 fl oz/A - OR - Progress = 9 fl oz/A	PowerMAX 3 [®] = 20 - 25 fl oz/A + Outlook = 12 fl oz/A - OR - Dual = 1 pt/A - OR - Warrant = 3 pt/A + ^Ethofumesate = 4 - 6 fl oz/A + Betamix = 16 fl oz/A - OR - Progress = 12 fl oz/A	PowerMAX 3 [®] = 20 fl oz/A + ^Ethofumesate = 4 fl oz/A + Betamix = 16 fl oz/A - OR - Progress = 12 fl oz/A	***Ultra Blazer = 16 fl oz/A & NIS @ 0.125% v/v Contact your Agriculturist due to timing environmental conditions and adjuvant use. Target waterhemp less than 4" tall Application prior to 6-leaf stage will increase likelihood of sugarbeet injury Refer to Ag Notes Issue #624 ***Pending Section 18 Approval

**Dual Magnum - Recommended to be used as a PRE and not as a PPI. Syngenta requires farmers to sign indemnified label for PPI/PRE application and must be the branded product.

*Use the following adjuvants for glyphosate / conventional herbicide tank-mix:
 AMS = 1 lb/A + HSMOC = 1 pt/A + NIS = 0.25% v/v
 ^Ethofumesate: Max = 12 oz/A POST (Talk to Agriculturist about rates & options)
 Refer to Ag Notes Issue #631

Resistant Ragweed Management

*1st Application On Cotyledon Sugarbeets	*2nd Application 10 - 14 Days After Treatment	*3rd Application 10 - 14 Days After Treatment (If needed)	*Use the following adjuvants for glyphosate/ conventional herbicide tank-mix: AMS = 1 lb/A + NIS = 0.25% v/v Target Small Ragweed Stinger HL rate is 60% of Stinger Refer to Ag Notes Issue #631
PowerMAX 3 [®] = 25 - 30 fl oz/A + Stinger = 3 - 4 fl oz/A - OR - Stinger HL = 1.8 - 2.4 fl oz/A	PowerMAX 3 [®] = 20 - 25 fl oz/A + Stinger = 3 - 4 fl oz/A - OR - Stinger HL = 1.8 - 2.4 fl oz/A	PowerMAX 3 [®] = 20 fl oz/A + Stinger = 3 - 4 fl oz/A - OR - Stinger HL = 1.8 - 2.4 fl oz/A	

Resistant Kochia Management

PPI / PRE:	**Pre-Emergence Burndown:	*1st Application On Cotyledon Kochia / Cotylegon Sugarbeets	*2nd Application 5 Days After 1st Application	*3rd Application 5 Days After 2nd Application
Ethofumesate = 6 - 7.5 pt/A Requires rain or tillage for activation	Gramoxone SL 3.0 = 1.3 - 2.7 pt/A + NIS = 1 qt/A **Sugarbeets emerged at time of application will be killed	Spin-Aid® = 16 fl oz/A + ^Ethofumesate = 4 - 6 fl oz/A + PowerMAX 3® = 25 - 30 fl oz/A	Spin-Aid® = 24 fl oz/A + ^Ethofumesate = 4 - 6 fl oz/A	Spin-Aid® = 32 fl oz/A + ^Ethofumesate = 4 - 6 fl oz/A + PowerMAX 3® = 25 - 30 fl oz/A

*Use the following adjuvants for glyphosate / conventional herbicide tank-mix:
AMS = 8.5 lb/100 gallon of water + HSMOC = 1 - 1.5 pt/A + NIS = 0.25% v/v
^Ethofumesate: Max = 12 oz/A POST (Talk to Agriculturist about rates & options)
Refer to Ag Notes Issue #630 on Spin-Aid®

Spin-Aid® herbicide is not a rescue treatment!
Must be a pre-planned herbicide program.

Contact your Agriculturist due to timing environmental conditions and adjuvant use.

Maximum Glyphosate Labeled Rates

Roundup PowerMax 3® (4.8 lb a.e.): Refer to Glyphosate Equivalence Sheet for other formulation information

50 oz/A total maximum up to 8-leaf stage, 30 oz/A maximum single application

40 oz/A total maximum up to 8-leaf stage, 20 oz/A maximum single application

90 oz/A total maximum per growing season, emergence through harvest

*Minimum of 10 days between glyphosate applications

*HSMOC adjuvant is suggested when tank-mixing glyphosate with conventional herbicides to avoid antagonism

*Always include AMS at 1 lb/A or liquid equivalent with any glyphosate application

**Unless mixing with Lay-by (oil), consider using 3/4 rate

ALL applications are based on Broadcast Rate

Product Notes:

Stinger®: Labeled on cotyledon to 8-leaf sugarbeets; total maximum per season = 10.7 fl oz/A (6.4 fl oz/A for Stinger HL); 45-day PHI

Ethofumesate: Up to 7.5 pt/A PRE or PPI; up to 12 oz/A POST

Ethofumesate PHIs: *Ethotron SC* - 90 days, *Ethofumesate 4SC*, *Maxtron 4SC* - 45 days, *Nortron®* - No labeled PHI

Betamix® & Progress®: 75-day PHI

Outlook®: Total maximum in season = 24 oz/A; <21 oz/A in single app. See plantback; 60-day PHI

Dual Magnum® & Generics: {(S-metolachlor) (See top page for pre-note)}; max season post <2.6 pts/A; 60-day PHI

Warrant®: 70-day PHI

Ultra Blazer®: 45-day PHI. Do not apply Ultra Blazer after July 29th

Tank-Mixing Order for Glyphosates and Conventional Herbicides:

1. Fill spray tank 1/2 full of clean water (warmed water is best)
2. If used - slurry UpBeet, Warrant in warm water (WDGs)
3. Add AMS liquid or dry (water conditioner)
4. If used - add slurried WDG to tank
5. If used - add ethofumesate (SC)
6. Fill 2/3 full of water
7. Add Betamix, Progress, Outlook, Dual Magnum (EC), Spin-Aid
8. If used - add Stinger (SL)
9. Add glyphosate
10. Add additives (NIS, COC, MSO, HSMOC and drift/deposition agents)
11. Finish filling spray tank - continue agitation
12. Spray tank empty as soon as possible