

Corn: Harvest Aid

Herbicide	Formulation	Product Rate Range
2,4-D	various	0.5 – 1 lb ae

- Apply at least 7 days prior to harvest, after hard dough stage (or denting) when silks have turned brown.
- Site of action: group 4. See pages 20-21.
- Hybrids may vary in tolerance to 2,4-D, and some may be easily injured. Check with seed company prior to use.

Herbicide	Formulation	Product Rate Range
Aim	2EC	1 – 2 oz

- Aim (carfentrazone) can be applied prior to harvest of corn for dessication of velvetleaf, morning glory, pigweeds, and other weeds. Apply at least 3 days before harvest when the crop is mature and grain has begun to dry down.
- Site of action: group 14. See pages 20-21.
- The total amount of Aim that can be applied to small grains in one season, including postemergence and harvest aid treatments, cannot exceed 2 oz/A. UAN or AMS can be added.
- Use a spray volume that results in complete coverage of foliage. Apply with NIS (0.25% v/v) or a COC (1 to 2% v/v). UAN or AMS may also be added.

Herbicide	Formulation	Product Rate Range
Glyphosate	Various	See labels

- Many glyphosate products can be applied as a preharvest treatment to control perennial and annual weeds in corn. Application rate varies with glyphosate product, type of application (ground vs aerial), type of corn (glyphosate-resistant corn vs other), and amount of glyphosate previously applied. Consult labels for specific recommendations.
- Preharvest applications of glyphosate may provide a good opportunity to control perennial weeds, such as pokeweed, because their growth is undisturbed compared to postharvest applications.
- Site of action: group 9. See pages 20-21.
- Apply when grain moisture is 35% or less. Corn should be physiologically mature (black layer formed) with maximum kernel fill complete. Apply at least 7 days before harvest.
- Depending upon the glyphosate product, the label prohibits or recommends avoiding preharvest application to corn grown for seed, due to the potential for a reduction in germination or vigor.

Herbicide	Formulation	Product Rate Range
Gramoxone SL 2.0	2L	1.2 – 2 pt
Parazone/Helmquat	3SL	0.8 – 1.3 pt

- These products contain paraquat, and can be used for drying weeds in field corn, seed corn, and popcorn just before harvest. Apply when corn is mature—after the black layer has formed at the base of the kernels.
- Site of action: group 22. See pages 20-21.
- Mature cocklebur and lambsquarters are tolerant of paraquat and may not desiccate completely.
- For aerial application, use a spray volume of 5 gallons per acre; for ground application, use 20 gallons per acre. Add NIS (0.25% v/v) or COC (1% v/v).
- Apply at least 7 days before harvest.

Soybeans: Harvest Aid

Herbicide	Formulation	Product Rate Range
Aim	2EC	1 – 1.5 oz

- Aim (carfentrazone) can be applied prior to harvest of mature soybeans for dessication of velvetleaf, morning glory, pigweeds, and other weeds. Apply at least 3 days before harvest.
- Site of action: group 14. See pages 20-21.
- Use a spray volume that results in complete coverage of foliage. Apply with NIS (0.25% v/v) or a COC (1 to 2% v/v). UAN or AMS may also be added.

Herbicide	Formulation	Product Rate Range
Dicamba	4L	8 – 32 oz

- Available from various manufacturers. Product names, formulation, and rates may vary.
- Apply at least 7 days prior to harvest, after soybean pods have reached mature brown color and at least 75% leaf drop has occurred.
- Can be mixed with other herbicides approved for preharvest use.
- Do not use treated soybeans for seed unless a germination test is performed on the seed.

Herbicide	Formulation	Product Rate Range
Gramoxone SL 2.0	2L	8 – 16 oz
Parazone/Helmquat	3SL	5.4 – 10.7 oz

- These products contain paraquat and can be used for dessicating weeds in soybeans just before harvest. For indeterminate soybean varieties, apply when 65% of the seed pods have reached a mature brown color or when seed moisture is 30% or less. For determinate varieties, apply when at least one-half of the leaves have dropped and the rest of the leaves are turning yellow.
- Site of action: group 22. See pages 20-21.
- Mature cocklebur and lambsquarters are tolerant of paraquat and may not desiccate completely.
- For aerial application, use a spray volume of 5 gallons per acre; for ground application, use 20 gallons per acre. Add NIS (0.25% v/v) or COC (1% v/v).
- Apply at least 15 days before harvest. Do not graze or harvest for forage or hay.

Herbicide	Formulation	Product Rate Range
Glyphosate	Various	up to 1.5 lb ae/A (aerial application) up to 3.7 lb ae/A (ground application)

- Application rates, adjuvant recommendations, rainfast intervals, application parameters, and other guidelines for use vary among glyphosate products, and users should consult labels and local product use guides for more specific information. The following comments are meant as general guidelines for the use of glyphosate except where a product name is listed.
- Can be applied as a preharvest treatment to control perennial and annual weeds in soybeans. Dessication from glyphosate is less rapid compared with Gramoxone SL 2.0. Preharvest applications of glyphosate may provide a good opportunity to control perennial weeds because their growth is undisturbed compared to postharvest applications. Site of action: group 9. See pages 20-21.
- Apply after pods have lost all green color, and at least 7 or 14 days before harvest, depending upon the product used. Do not graze or harvest the treated crop for livestock feed (Roundup brand labels allow use of soybeans for livestock feed when harvested 14 to 25 days, depending upon rate, after the last preharvest application).
- Do not use glyphosate preharvest in soybeans grown for seed, due to the potential for a reduction in viability or vigor.

Herbicide	Formulation
Sharpen	2.85SC
<ul style="list-style-type: none"> ■ Sharpen (saflufenacil) can be applied broadcast at rates of 1 to 2 oz/A to soybeans that have reached physiological maturity. Indeterminate varieties should have greater than 65% brown pods and greater than 70% leaf drop with seed moisture of 30% or less. Determinate varieties should have greater than 50% leaf drop with the rest of the leaves yellowing. ■ Site of action: group 14. See pages 20-21. ■ Allow 3 days between application and harvest. Optimum dessication can require up to 10 days. ■ Do not apply to soybeans grown for seed production. Do not graze or feed treated hay or straw. ■ Use a spray volume of at least 10 gpa (ground) or 5 gpa (aerial). Apply with MSO (1% v/v) plus either AMS (8.5 to 15 lb/100 gal) or 28% (1.25 to 2.5% v/v). Increase volume as necessary to ensure adequate coverage. 	