

Technical Recommendation

Acuron Herbicide: One Pass Weed Control in Corn (Field, Seed, Silage, Sweet and Yellow Popcorn) in

Application Rate:

Soils with <3% organic matter – 2.5 qts/acre

Soils with >3% organic matter – 3.0 qts/acre

Application Timing:

28 days preplant through preemergence, may be applied after corn emerges but before crop reaches 12 inches in height

Partial List of Weeds Controlled Preemergence:

Palmer amaranth, common cocklebur², Horseweed (marestalk), common lambsquarters, ivyleaf morningglory², jimsonweed, smooth and redroot pigweed, prickly sida, ladythumb and Pennsylvania smartweed, common ragweed, giant ragweed, common sunflower, velvetleaf, waterhemp, barnyardgrass, crabgrass, giant foxtail, green foxtail, yellow foxtail, yellow nutsedge

² may require a tank-mix partner (e.g. atrazine) for control of heavy populations

Preemergence Tank-Mix Partners:

AAtrex or other solo atrazine products, Princep, Gramoxone brands, Touchdown brands, Warrior brands, 2,4-D (compatibility tests should be conducted prior to mixing, compatibility of 2,4-D brands varies greatly)

Burndown in No-Till Corn (prior to corn emergence)

If weeds are emerged add NIS 1 qt/100 gal, or choose one of the tank-mix options below to enhance burndown:

- Gramoxone SL 2.0 Herbicide 2-3.5 pts/A + NIS 1 qt/100 gal
 - Substituting UAN for some or all of the water carrier may improve burndown
- Touchdown Total Herbicide 24-48 oz/A (or other glyphosate product) + AMS 8.5-17 lb/100 gal

Restrictions:

- Applying Acuron postemergence to corn that has received an at-plant application of Counter insecticide can result in severe corn injury.
- Temporary corn injury may occur if Acuron is applied to emerged corn where organophosphate insecticides other than Counter were applied at planting.
- Postemergence (emerged corn) applications of any organophosphate or carbamate insecticide within 7 days before or 7 days after a Acuron application may result in severe corn injury.
- Do not apply more than 3.0 qt of Acuron per acre per growing year.
- Do not use aerial application to apply Acuron.
- Do not apply Acuron to sweet corn or yellow popcorn after the crop has emerged or severe crop injury may occur.

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