

Not All HPPDs Are Created Equal

IMPACT[®] – THE STANDARD IN CORN SAFETY[®]

The proven power for postemergence control of annual grass and broadleaf weeds including glyphosate-resistant biotypes in corn.

Flexibility That Fits – Other HPPDs Have Limitations

- When used as directed, **Impact Herbicide** can be used with AMVAC[®]'s COUNTER[®] 20G Insecticide/Nematicide or any soil or foliar applied insecticides registered for use on corn.
- Labeled for aerial application.
- Safety margin of Impact in all types of corn is unequaled by competitive HPPD herbicides.
- Controls emerged weeds in all types of field corn (grown for grain, silage or seed), popcorn and sweet corn including inbreds of these corn types and between crop applications.
- Flexible tank-mix partner with traditional grass or broadleaf herbicide premixes.

Not all HPPDs are equal regarding safety to corn. Do not risk crop injury — go with **Impact Herbicide**.

HPPD Herbicide Comparisons



Sweet corn, **Impact** – 0.75 fl oz /A + COC + UAN

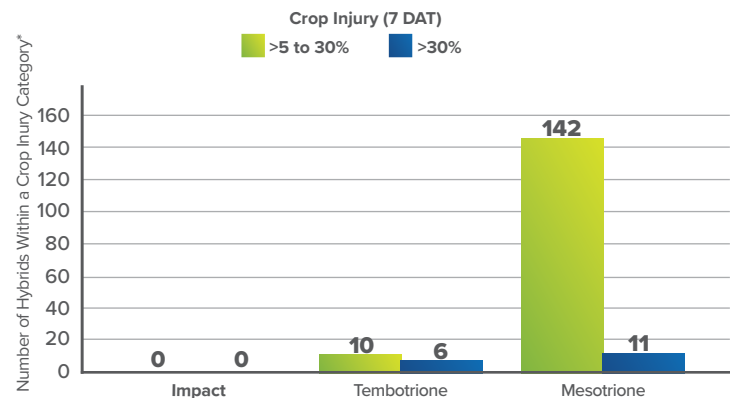


Sweet corn, mesotrione – 3 fl oz /A + COC

Impact Herbicide – The Standard in Corn Safety

Sweet Corn Safety With HPPD Herbicides – 387 Hybrids Tested

Y-Axis Shows Number of Hybrids Within a Crop Injury Category*



Sweet corn stage at application V4/V5. University of Illinois (USDA/ARS) trial. Exaggerated product rates: (all above label). **Impact** = 1.5 fl oz/A, tembotrione = 6.0 fl oz/A and mesotrione = 6.0 fl oz/A. Spray adjuvants = COC (1% v/v) and UAN (2%, v/v) with each treatment.

*Hybrids not shown in graph had injury ratings of 0–5%

Even at Exaggerated Rates, Excellent Corn Development and Yield Was Observed



Impact 8x rate/A plus MSO and AMS



Yield: 236 bu/A – normal ear development

Maximum label use rate of **Impact Herbicide** is 1 fl oz/A

Sweet corn hybrids are more susceptible to herbicide damage and are used for establishing safety of corn herbicides.

- No observed injury at 12x rate without atrazine when applied at V6 corn.
- Results show exceptional safety of **Impact** in corn — application at all rates did not injure corn.

See our entire line of products at AMVAC.com

THE SAFE, MORE FLEXIBLE SOLUTION TO WEED CONTROL IN ALL CORN

Impact Herbicide brings the power you need to control tough grass and broadleaf weeds.

Exceptional Partner for High-Performance Herbicide Programs

- **Impact** controls glyphosate-resistant broadleaf weeds. For best performance, tank-mixing with atrazine is recommended.
- Can be tank-mixed with atrazine, glyphosate, glufosinate and residual herbicides such as S-metolachlor, metolachlor and acetochlor EC formulations.

Mixing Order Recommendation for Impact Plus Other Components, Including Spray Adjuvants

1. Fill spray tank 12 to 3/4 full with clean water
2. Add soluble packet products, if included, and thoroughly mix
3. Add dry or liquid nitrogen fertilizers (AMS or UAN*)
4. Add **Impact Herbicide**
5. Add WP (wetttable powder), DG (dispersible granule), DF (dry flowable) or F (liquid flowable) formulations
6. Add EC (emulsifiable concentrate) formulations
7. Add spray adjuvants (MSO or HSMOC**) to the spray tank
8. Fill the remainder of the tank with water

*Nitrogen fertilizer, in addition to adjuvant, must also be added. UAN (28–34%) at 3 pt/A or AMS at 2.0 to 2.5 lb/A is recommended.

**MSO at 1.0–1.5% v/v or High Surfactant Methylated Oil Concentrate at label rate is required.

(Refer to label for full tank mix directions for use)

Impact Controls Grass Weeds vs. Competitive HPPDs



Mesotrione
3 fl oz /A + COC + UAN



Impact
0.75 fl oz /A + MSO + UAN

- All treatments include atrazine at 0.5 lb ai/A.
- Photos shown are 17 days after application.
- Primary grass species: Smooth crabgrass and seedling johnsongrass.

Flexible Application Window

Work around uncontrollable spring weather. Apply **Impact** in a two-pass sequential program, early-POST, mid-POST or late-POST. If applying to larger weeds and/or dense infestations, use full label rate and increase spray volume to obtain optimal coverage.

