

HELMET MAXX

herbicide



TECHNICAL FACT SHEET

Powerful and flexible premix solution for residual weed control

Helmet Maxx is a premium premix herbicide containing three modes of action for maximum yield protection in field corn, seed corn, sweet corn, yellow popcorn and grain sorghum.

Offering greater use flexibility across a wide range of agronomic needs, Helmet Maxx provides superior crop safety plus powerful performance that controls more than 75 broadleaf and grass weeds, including ALS, PPO, triazine and glyphosate-resistant species.

Product Specifications

Brand Name	Helmet Maxx
Category	Herbicide
Active Ingredients	Metolachlor + Mesotrione + Atrazine + safener
Crops	Field corn, seed corn, silage corn, sweet corn, yellow popcorn, grain sorghum
Site of Action	Group 15 / Group 27 / Group 5
Formulation	Suspension concentrate
AI/Gallon	Metolachlor 1.70 lbs a.i./g Mesotrione 0.218 lbs a.i./g Atrazine 1.66 lbs a.i./g
Application	Preemergence / Early Postemergence
Rates	Corn @ 3.0 - 3.5 qt/A Sorghum @ 3.0 qt/A
Weed Spectrum	Broadleaf & grass weeds
Signal Word	Caution



CORN



SWEET CORN



SORGHUM

Primary Weeds Controlled (or suppressed)

Amaranth species, Barnyardgrass, Bristly starbur, Buffalobur, Catchweed, Carpetweed, Canada thistle, Chickweed, Cocklebur, Common sunflower, Crabgrass, Crowfootgrass, Devil's claw, Field sandbur, Florida beggarweed, Florida pusley, Foxtail species, Galinsoga, Goosegrass, Hemp sesbania, Henbit, Jimsonweed, Johnsongrass-seedling, Kochia, Lambsquarters, Marestalk, Morningglory (entireleaf, ivyleaf), Nightshade (black, eastern black, hairy), Palmer amaranth, Panicum (browntop, fall, Texas), Pigweed species, Prairie cupgrass, Prickly sida, Puncturevine, Purple deadnettle, Purslane, Ragweed (common, giant), Red rice, Red sprangletop, Shepherd's purse, Shattercane, Sicklepod, Signalgrass (broadleaf, narrowleaf), Smartweed (ladysthumb, Pennsylvania), Southern cupgrass, Velvetleaf, Venice mallow, Waterhemp (common, tall), Wild buckwheat, Wild mustard, Wild proso millet, Wild radish, Witchgrass, Woolly cupgrass, Yellow nutsedge

HELMET MAXX

REI	24 hours
PHI	60 days
Restricted Use	Yes
Packaging	265 gal tote Bulk
EPA #	74530-99

CROPS

Corn (field)	Sorghum* (grain)
Corn (seed)	Sweet corn
Corn (silage)	Yellow popcorn

* Sorghum must be treated with Concep®.

TANK MIXING WITH GLUFOSINATE

Helmet Maxx may be used in a tank mix with registered glufosinate products. Only apply to LibertyLink® corn hybrids or varieties/cultivars warranted as tolerant to glufosinate.

AMS may be added according to glufosinate label. Using other adjuvants may cause severe adverse crop response. Therefore, AMS should be the only adjuvant added to this tank mix.

SORGHUM GUIDELINES

Make a broadcast non-incorporated, preplant application at 3.0 qt/A in sorghum (treated with Concep®) up to 21 days before planting and up through preemergence.

Helmet Maxx must be applied before sorghum has emerged. Applications less than 7 days before planting can increase the risk of crop injury, particularly if there is rainfall or irrigation after the application.

PERFORMANCE BENEFITS

- One-pass weed control in a convenient premix with application flexibility.
- Three MOAs for control or suppression of 75+ broadleaves and grasses.
- Targets glyphosate, ALS, PPO and triazine-resistant weed species.
- Excellent crop safety profile with up to 6 weeks residual activity.
- Application window from 14 days preplant up to 12-inch tall corn.

APPLICATION METHOD BY CROP

Crop	Preplant/Preemergence	Early Postemergence
Field Corn	✓	✓
Field Seed Corn	✓	✓
Field Corn Silage	✓	✓
Sweet Corn	✓	
Yellow Popcorn	✓	
Grain Sorghum	✓	

Early preplant in field corn: Make applications of this product up to 14 days before planting.

Early post use in field corn: Apply to weeds no taller than 5-inches and before the corn reaches 12-inches in height.

APPLICATION RATES AND GUIDELINES

1-Pass Program	< 3.0 % organic matter	3.0 qt/A (Full Rate)
1-Pass Program	> 3.0 % organic matter	3.5 qt/A (Full Rate)
Split Application Program*	First application before crop has emerged.	1.5 - 2.0 qt/A (Pre)
	Second application after corn has emerged.	1.25 - 1.75 qt/A (Post)
2-Pass Program	Pre application of Helmet Maxx followed by a post application of glyphosate or glufosinate	2.25 qt/A

Application use rate is based on percent soil organic matter. Determine soil organic matter before application.

*Split applications of this product may be made in field corn, field corn seed and field silage corn.

USE RESTRICTIONS

DO NOT apply to any crop other than corn that has emerged or severe crop injury will result.

Atrazine Rate Limitations: Follow state rate limitations for geographical areas regarding atrazine applications.

Grazing Restriction: Do not graze or feed forage from treated areas for 45 days following last application.

CORN: Do not exceed a maximum cumulative rate annually of 3.5 qt/acre. Do not apply to corn that has emerged in a tank mix with any carbamate or organophosphate insecticide.

SORGHUM: Do not exceed a maximum cumulative rate annually of 3.0 qt/acre. Do not apply in Texas south of Interstate I-20 or east of Hwy 277.



For more information, visit helmagro.com.

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