

Armezon[®] PRO

Herbicide

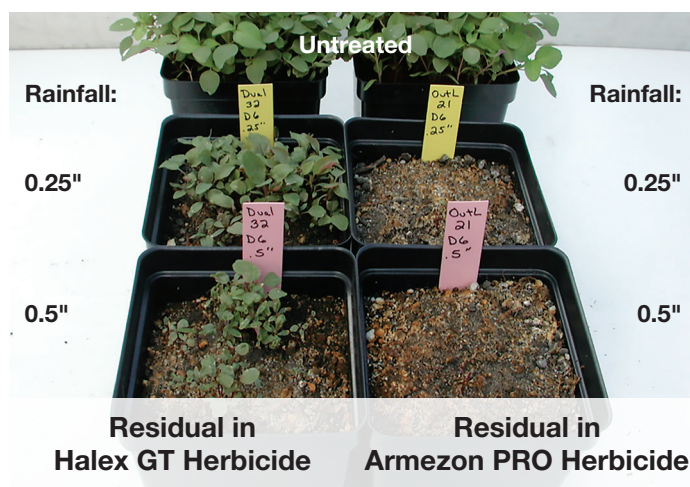
Armezon[®] PRO Herbicide vs. Halex[®] GT Herbicide

Armezon PRO Herbicide: Powered by Superior Knockdown of Armezon Herbicide

Weed	Armezon Herbicide Maximum Weed Height (inches)	Callisto [®] Herbicide Maximum Weed Height (inches)
Amaranth, Palmer	4 to 6	PC
Common Ragweed	4 to 6	PC
Giant Ragweed	5 to 8	3
Kochia	4 to 6	PC
Lambsquarters	4 to 6	<5
Marestail (Horseweed)	4 to 6	PC
Waterhemp	4 to 6	3

PC = Partial control/suppression. Product use rates: Armezon herbicide 0.5-0.75 oz/A, Callisto herbicide 3 oz/A. Source: product labels.

Armezon PRO Herbicide Delivers Superior Residual Activation



BASF sponsored research trial. KayJay Ag Services, 2003. NDSU Greenhouse 4/03. Photos taken 17 days after planting. Weed: Redroot pigweed. Outlook[®] herbicide (21 oz) and Dual Magnum[®] herbicide (1 qt). 0.25" vs 0.5" overhead moisture 6 days after planting.

Higher Water Solubility and Lower Soil Binding Delivers More Armezon PRO Herbicide Residual Chemistry for Weed Control

Herbicide	Water Solubility	Soil Binding (Kd)*
Dimethenamid-P	1450 mg/L	2.3 L/kg
S-Metolachlor	530 mg/L	4.0 L/kg

Source: Westra et al. Evaluation of Sorption Coefficients for Pyroxasulfone, S-Metolachlor, and Dimethenamid-P. Air, Soil and Water Research 2015:8, 9-15. *The higher the soil binding coefficient (Kd), the more tightly the herbicide binds to organic matter and clay. A higher Kd decreases the amount of herbicide available for weed control in soils. Dimethenamid-P is the group 15 residual chemistry in Armezon PRO herbicide and S-Metolachlor is the group 15 residual chemistry in Dual Magnum herbicide.

 **BASF**

We create chemistry

Technical Information Bulletin

The Armezon® PRO Herbicide Advantage

Use Rate, Formulation, and Flexibility

Use Rate

- Easier storage and more efficient handling with Armezon PRO herbicide (14-20 oz) than Halex GT herbicide (57.6 to 64 oz)

Formulation

- EC formulations like Armezon PRO herbicide generally do not plug screens and nozzles. SE formulations (e.g., Halex GT herbicide) have a greater likelihood to plug screens when combined with tank mix partners.

Sources: <http://www.hort.cornell.edu/turf/shortcourse/BacktoBasics.pdf>, <https://www.techlinenews.com/herbicides/herbicideformulations2014>

Greater Flexibility with Armezon PRO Herbicide than Halex GT Herbicide

Corn Type	Halex GT Herbicide	Armezon PRO Herbicide
Glyphosate Tolerant	Yes	Yes
Non-GMO	No	Yes
Sweet (Non-GMO)	No	Yes
Seed	No	Yes
Popcorn	No	Yes

Adjuvant	Halex GT Herbicide	Armezon PRO Herbicide
NIS	Yes	Yes
COC	No	Yes*
MSO	No	Yes*

*Oil adjuvants not recommended in tank mixes with atrazine.

Who Needs Help?

The Halex GT herbicide label lists suggested tank mix partners Clarity® and Status® herbicides “for improved control of difficult broadleaf weeds”.

Armezon PRO herbicide effectively controls difficult broadleaf weeds including common ragweed, giant ragweed, kochia, marestalk (horseweed), Palmer pigweed and waterhemp without adding a dicamba containing tank mix partner.



Go with the Pro:
Armezon PRO Herbicide



To learn more about crop protection products from BASF, visit www.agproducts.basf.us

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Armezon® PRO
Herbicide

Always read and follow label directions.

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