

TECHNICAL FACT SHEET

Powerful early season weed control that outlasts the competition

Zone Elite® provides superior preemergence control over the toughest and most resistant broadleaf and grass weeds including waterhemp and amaranth species.

With two powerful modes of action plus residual activity lasting 45 to 60 days, Zone Elite keeps fields clean longer while allowing greater flexibility in follow-up postemergence glyphosate applications.

Product Specifications

Brand Name	Zone Elite®	
Category	Herbicide	
Active Ingredient	Sulfentrazone + Metolachlor	
Crops	Soybeans, dry shelled peas	
Site of Action	Group 14 / Group 15	
Formulation	Oil dispersion	
AI/Gallon	Sulfentrazone	0.70 lbs a.i./g
	Metolachlor	6.30 lbs a.i./g
Applications	Preplant / PPI / Preemergence / Burndown	
Rates	Soybeans	19.0 - 38.7 fl oz/A
	Dry Shelled Peas	13.0 - 38.7 fl oz/A
Weed Spectrum	Broadleaf & grass species	
Signal Word	Caution	



SOYBEANS



DRY SHELLED PEAS

Primary Weeds Controlled (or suppressed)

Amaranth species, Annual sedge, Barnyardgrass, Broadleaf signalgrass, Crabgrass (large, small, southern), Crowfootgrass, Cutleaf groundcherry, Florida pusley, Foxtails (bristly, giant, green, robust, yellow), Goosegrass, Hairy galinsoga, Hophornbeam copperleaf, Kochia (ALS, triazine resistant), Lambsquarters, Morningglory species, Nightshade (black, eastern black), Nutsedge (purple, yellow), Palmer amaranth, Panicum (fall, Texas), Pigweed (redroot, smooth, spiny), Prairie cupgrass, Prickly sida/Teaweed, Russian thistle, Pennsylvania smartweed, Southwestern cupgrass, Star of Bethlehem, Tropical spiderwort, Waterhemp (common, tall), Witchgrass

REI	24 hours	PERFORMANCE BENEFITS
PHI	N/A	
Restricted Use	No	
Packaging	2 x 2.5 gal	
EPA #	74530-81	
<ul style="list-style-type: none"> Labeled for use in all types of soybeans (traited and conventional). Use flexibility from 30 days preplant up to 3 days after planting. Residual activity with staying power up to 45 to 60 days. Tank mix compatible with fertilizers, insecticides, herbicides and adjuvants. 		

CROPS	SPRING PREPLANT INSTRUCTIONS
Soybeans Dry shelled peas	<ul style="list-style-type: none"> Zone Elite may be applied at planting time through 3 days after planting, but before seed germination. Do not apply more than 38.7 fl oz/A within a 12 month period. Can be tank mixed with other herbicides, insecticide, fertilizers and adjuvants. When used in a no-till or medium-till cropping system, tank mix with an appropriate burndown herbicide.

APPLICATION RATES AND GUIDELINES

Soybeans Fall, Spring Preplant, PPI, Preemergence Rates: fl oz/A				Dry Shelled Peas Fall, Spring Preplant, PPI, Preemergence Rates: fl oz/A			
% Organic Matter	Soil Texture			% Organic Matter	Soil Texture		
	Coarse	Medium	Fine		Coarse	Medium	Fine
< 1.5%	19-25	25-32	25-32	< 1.5%	13-17	17-26	17-26
< 1.5 - 3.0%	25	25-32	25-32	< 1.5 - 3.0%	17-26	21-34	26-34
> 3.0%	25	25-32	32-38.7	> 3.0%	21-34	26-38.7	32-38.7

Use higher rates for soils with pH less than 7.2 and lower rates for soils with pH greater than 7.2 within the given rate ranges in this table.

Coarse = Sand, Loamy Sand, Sandy Loam

Medium = Sandy Clay Loam, Sandy Clay, Loam, Silt Loam, Silt

Fine = Silty Clay Loam, Silty Clay, Clay Loam, Clay

USE RESTRICTIONS

- Apply from preplant up to 3 days after planting.
- Do not apply on coarse soils classified as sand with <1% organic matter.
- Do not apply more than 0.375 lbs of sulfentrazone/A or 2.387 lbs metolachlor/A per season.
- Do not incorporate deeper than 2 inches.
- Do not apply to frozen soils or existing snow cover to prevent Zone Elite herbicide runoff from rain or snow melt that may occur following application.
- Do not apply after crop seed germination.

See product label for a complete list of restrictions.

Fall Application (Soybeans): Zone Elite can be applied in the Fall over crop stubble in no-till and conservation tillage systems. If weeds are emerged at the time of application, tank mix with a preemergence burndown herbicide at label rates. When making burndown applications to emerged weeds, add an adjuvant such as COC or MSO to enhance activity.



For more information, visit helmagro.com.

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