

SOIL FORCE™

DEPOSITION AND ADSORPTION AID



WHAT MAKES SOIL FORCE™ UNIQUE?

Soil Force™ is the next generation in technology designed to limit leaching of crop protection products through coarse-textured soils. Ounce for ounce, Soil Force™'s crop-based formulation is more active than ordinary deposition aids built on mineral oils. Additionally, Soil Force™ will not reduce the performance of some of the post-emergence tank mix partners that may be used in the same application as residual herbicides.

GROWER PERFORMANCE EXPECTATIONS

Based on performance across the Meherrin marketing area, growers can expect Soil Force™ to perform better than competitive products. Soil Force™ is the ideal adjuvant selection for enhancing the performance and longevity of soil applied residual herbicides in coarse textured soils.

RECOMMENDED USE RATES

The concentrated formulation of Soil Force™ provides handling and storage advantages with fewer containers to rinse and dispose of compared to ordinary deposition aids. The best use rate for Soil Force™ can be

accurately determined by the volume of liquid carrier applied per acre (see chart).

GPA Spray Volume	Use Rate per Acre
5–10	0.5 pints
10–20	1.0 pint
20–30	1.5 pints
30+	2.0 pints

ACHIEVING OPTIMUM PERFORMANCE

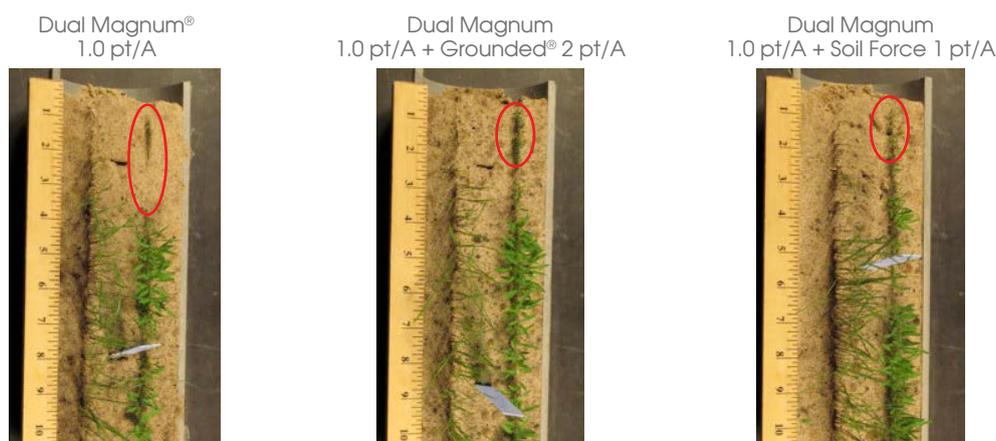
Always read and follow label directions. The addition of adjuvants to some pesticides and/or fertilizers and their tank mixes may cause phytotoxicity to the foliage and/or fruit of desirable crops. The applicator or crops advisor must have experience with the pesticide combination, including Soil Force™, or must have conducted a phytotoxicity test prior to use. Do not use this product in a manner inconsistent with labeling. Soil Force™ increases the activity of many pesticides. Therefore, care must be taken when treating sensitive crops during periods of drought stress, high temperatures, or high humidity.

PRODUCT PROFILE

Soil Force™ is a low-use rate deposition and adsorption aid specifically formulated to reduce leaching of certain crop protection products in coarse textured, low organic matter soils. By increasing the adsorption of crop protection products in the upper soil profile, Soil Force™ better maintains the required concentration of active ingredients in the root zone of emerging weeds. Soil residual herbicides do not have a chance in coarse textured soils. Many herbicides are readily leached through the soil column and quickly diluted to sub-lethal levels after a significant rainfall or irrigation event. This results in shorter periods of performance and faster breakthroughs of tough-to-control weeds.

KEY PRODUCT BENEFITS

- Longer performance of residual herbicides
- 50% lower use rates than competitive products
- Superior tank mixing compatibility



Adding Soil Force to Dual Magnum did a better job in limiting herbicide leaching.

Soil Force™ is a trademark of Meherrin. Dual Magnum® is a registered trademark of Syngenta Group Company. Grounded® is a registered trademark of Helena Holding Company.

