

Ideal for post emergent weed applications



MOTION™

Modified Vegetable Oil

- Enhanced with premium grade emulsifier and surfactant
- Penetrates plant surfaces, delivering active ingredients to internal layers
- Meets pesticide label requirements for Methylated Seed Oil (MSO) or Modified Vegetable Oil Concentrate (MVO)



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Motion™ is a combination of highly refined methylated seed oil, selected emulsifiers and surfactants. It is designed to be used with herbicides that suggest or require the use of methylated seed oil on the label. Because of its oily nature, **Motion™** is absorbed into the waxy cuticle, carrying the pesticide with it. This allows the active ingredient to reach the targeted mode of action site more effectively.

- Especially effective during hot, dry conditions on later season post emergent weed populations
- Oily spray applications delay evaporation
 - Remains on target weeds longer for improved uptake

IDEAL FOR

- Use with pesticides in horticulture, nursery, turf and brush control applications
- Ensuring pesticide sprays penetrate the target plant's surfaces
- Any pesticide tank mix that calls for methylated seed oil, MSO or modified vegetable oil concentrate

HOW IT WORKS

A major barrier to achieving post-emergent weed control is getting the herbicide actives past the cuticular wax on leaf surfaces and into the interior layers of the plant where they can be effective. If the actives cannot penetrate into the plant, they remain on the surface until they evaporate or are washed off without providing the desired control.

- Methylated seed oil is derived from soybean oil and is esterified with alcohol to create a low viscosity oil that works especially well with sulfonyleureas and imidazilonones on both grasses and broadleaf plants.
 - Similar in structure to cuticular waxes on plant surfaces, **Motion™** causes swelling of the waxy cuticles when applied. This movement on the plant surface opens up avenues of penetration for the active ingredients to reach the plant interior.
- Solutions that include **Motion™** remain an oily liquid on the leaf and do not dry out or crystallize
 - Slows evaporation of actives, giving them more time to absorb into the plant.

HOW TO USE

- Spray with confidence after reducing the chance for cross contamination by cleaning equipment with **Onside Kick™**
- Add directly into the tank during the mixing process
- Fill the tank from 2/3 to 3/4 of the desired level with water and add an antifoaming agent like **Reverse™** if necessary. Turn on agitation and add pesticide as directed on the label. Continuing agitation, add **Motion™** at the recommended use rate and finish filling tank with water to desired level
- If the user does not have experience with tank mixtures including **Motion™**, run a small scale phytotoxicity test before application
- For maximum efficacy, add after any wettable powders or other solid formulations have been thoroughly dissolved

RECOMMENDED USE RATES

The amount of **Motion™** is not to exceed 1% of the spray volume

Herbicides, Defoliants, Desiccants	2 quarts to 1 gallon per 100 gallons of spray mix
Insecticides, Fungicides, Miticides	8 ounces to 1 pint per 100 gallons of spray mix



Available In:
Quart Bottles
1 Gallon Jugs
2.5 Gallon Jugs

QUALITY ASSURANCE

Exacto® products are manufactured with pride at our production facility in Sharon, Wisconsin. Each batch is inspected by our Quality Assurance Team to ensure it meets our high standards.

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CARLIN
Horticultural Supplies

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