

TEXICON MSO



Active Ingredients:
 Methylated Seed Oil 99.9%
 Inert Ingredients 0.1%

**Agricultural Adjuvant
 to enhance Herbicide
 activity**

Texicon **MSO**, is a chemically and biologically active compounds that improves the effectiveness of the herbicides, or either increasing its desired impact and/or decreasing the total amount of formulation needed to achieve the desired impact.

MSO is added to pesticide formulation to enhance or modify the properties of activity of the pesticide or spray mix. It improves mixing, deposition, retention, spreading, dispersion and drift control. When added appropriately to fungicides it significantly improves droplet distribution, enhance absorption and will achieve higher efficacy.

For the control of black sigatoka and freckle disease, add MSO at the rate of 5 Liter/hectare. Addition maybe continuous or intermittent, depending upon the type of system and the severity of pests.

ADVANTAGES OF USING THIS PRODUCT:

- High boiling point that lowers evaporation and therefore greater retention.
- Oil consistency that offers rain protection and greater spreadability.
- Lower Surface Tension and high solvency that improves absorption/penetration of leaf surfaces.
- Increases coverage because it dissolves plant cuticular wax.
- Can lower the rate of herbicide use or over target tolerant weeds to selected herbicides.
- Enhances the degree and rate that some Pesticides are absorbed by plant tissue. Effectiveness of this product actually increase to around 90%.

PHYSICAL PROPERTIES:

Appearance/Odor	Amber liquid with mild ester odor
Boiling Point	> 204°C
Specific Gravity	0.9 g/mL
Solubility in water	emulsifies
pH	5.0 - 7.0

MSO TRIAL WITH VARIOUS HERBICIDES:

Nicosulfuron application Rate (oz/A)	% Control with Petroleum Oil	% Control with MSO
0.17	79	92
0.34	86	95
0.67	95	97

Percentage weed control with various post emergence herbicides plus different adjuvants:

Herbicide Brand	Petroleum Oil	Soybean Oil	MSO
Basagran	59	55	58
Blazer	71	70	83
Cobra	42	19	33
Reflex	60	69	82
Scepter	81	75	97

A Quality product of:

TEXICON

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