

READ THE LABEL BEFORE USE.

PREVAIL EC

PREMIUM METHYLATED SEED OIL (MSO) FOR MAXIMUM PENETRATION, WETTING AND SPREADING.

Thanks to its wetting and penetrating abilities, Prevail EC has significant advantages when used with systemic pesticides. The reduction of droplet surface tension on leaves allows for both rapid uptake and decreased drying times.

ADVANTAGES

- **Increased Uptake:** MSO's are commonly used with post-emergence herbicides to enhance absorption into the plant
- **Enhanced Penetration:** MSO is a modified (esterified) version of soybean oil, making it more effective at breaking through waxy cuticles on plant leaves
- **Better Solubility:** The methylation process improves the oils ability to mix with pesticides that require oil-based carriers
- **More Efficient Droplet Spread & Retention:** Improves droplet spreading and reduces evaporation, leading to better herbicide efficacy
- **Enhanced Performance in Stress Conditions:** MSO's perform better than non-ionic surfactants (NIS) under adverse environmental conditions, such as high temperatures or drought stress
- **Environmental profile:** MSO adjuvants are more sustainable and environmentally friendly when compared to petroleum-based oils

AECI® PLANT HEALTH

IDEAL CONDITION FOR APPLICATION

- Apply to dry leaves
- Ensure that there is sufficient leaf area
- Ensure the correct water volume is applied

FREQUENTLY ASKED QUESTIONS (FAQs)

Q: What are MSO adjuvants?

A: MSO adjuvants are derived from vegetable oils that have been chemically modified (methylated) to improve herbicide uptake and performance, especially for post-emergence herbicides.

Q: When should I use an MSO adjuvant?

A: When there are weeds that are difficult to control or have waxy cuticles.

Q: Can MSO's be mixed with all herbicides?

A: Not all. Always check the herbicide label, as some herbicides may recommend NIS's instead of MSO's to avoid crop injury.

Q: How are MSO adjuvants different from Crop Oil Concentrates (COC) or Non-ionic Surfactants (NIS)?

A: MSO's are more effective at penetrating the leaf cuticle, especially under dry or stressful conditions. COC's are less efficient than SMO's under tough conditions. NIS's are less aggressive penetrants, often used when crop safety is a concern.



PREVAIL EC Reg. No. L11686, Act No. 36 of 1947

Active Ingredient:
Methylated ester from vegetable oils 700 g/ℓ

NOT CLASSIFIED AS HAZARDOUS IN TERMS OF GHS.

Registration Holder:
AECI® Limited
Reg. No. 1924/002590/06
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