

MSO® - MODIFIED VEGETABLE OIL AND SURFACTANT BLEND

MSO is a methylated seed oil containing the highest quality components available. The premium emulsifiers, along with LECI-TECH® chemistry, will provide uniform mixing for excellent performance as well as drift reduction, enhanced penetration and droplet adhesion. MSO with LECI-TECH is designed for use with post-emergent herbicides and has consistently demonstrated increased penetration over conventional crop oil concentrates.

Features

- Features LECI-TECH
- Designed for use with post-emergent herbicides

Benefits

- **TO:** Drift reduction with performance-sized droplets
- **ON:** Droplet retention by adhesion and spreading
- **IN:** Increased penetration without cuticle disruption
- Provides increased plant uptake vs. standard methylated seed oil formulations
- Provides improved crop safety vs. standard methylated seed oil formulations

Other

Application rate: Varies depending on herbicide and use. Refer to product label for specifics.

Specific Gravity (at 20°C): ~0.9

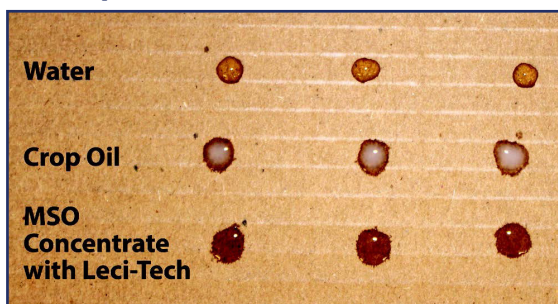
pH: 6.9

Colour: Yellow Liquid

Compatibility: Incompatible with strong oxidising agents. Refer to product Safety Data Sheet.

Storage: Keep sealed in original container. Store in frost-free, dry conditions out of direct sunlight, above 5°C and below 30°C

Superior Cuticle Penetration



Methylated Seed Oils (MSOs) are utilised when superior cuticle penetration is needed. Methylated seed oils are often used with herbicides during hot, dry conditions. During these stressful environmental conditions, plants will develop thick waxy cuticles in an effort to conserve moisture. The demonstration above compares the differences in activity of water, crop oil and MSO® with LECI-TECH®. The ability of methylated seed oils to solubilise a waxy cuticle is shown in the chart above.

Target Chemistries

- Micro rate applications Fop and Dim herbicides Sulfonyl Urea (SU) herbicides Imidazolinone and Triazine herbicides
- Assist the performance of certain cotton defoliation products

Rates

0.5L - 1.0L/ 100L of spray solution



© 2020 Loveland Agri Products. Always read and follow label directions.

DISCLAIMER:

The information provided in this publication is intended as a guide only. Although Nutrien Ag Solutions has taken all due care to provide accurate information in this publication, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should rely upon the information contained in this publication without appropriate professional advice regarding relevant factors specific to your situation such as planting times and environmental conditions. To the maximum extent permitted by law, and except as prohibited under the Competition and Consumer Act 2010 (Cth), Nutrien Ag Solutions will not be liable for any loss or damage suffered by any person arising out of any reliance on any information, recommendation or advice contained in this publication. Where our liability cannot be excluded, it is limited at our option to supplying the relevant services again, or paying the cost of that supply.

Loveland Agri Products® and the Loveland Agri Products® device are registered trademarks of Loveland Products, Inc. If you do not wish to receive promotional material or mailings from us please contact us on (03) 9209 2000 or via our website www.nutrienagsolutions.com.au. February 2020.