

Balmerol[®] Balspray HMO

Agricultural Spray Oil

Technical Data Sheet

Product Description:

Balmerol Balspray HMO is an agricultural spray oil produced from a highly refined paraffinic narrow range, light oil with selective emulsifier package. It is ideally suited for round the year treatment of pests and disease control on virtually any crops like cotton, maize, rice etc. and all types of fruits like apples, mangoes, grapes, peaches etc. Balmerol Balspray HMO is UV protected agricultural spray oil which is relatively safe to the non target species and environment.

Features & Benefits:

Balmerol Balspray HMO provides the following benefits:

- Is eco-friendly, non-phytotoxic and highly effective against European red mite, two spotted mite, San Jose Scale and rust mite.
- Forms a homogeneous quick-break emulsion which leaves a uniform oily layer sticking tenaciously to the leaf surface thereby providing adequate residence time for the oil to act on the mites and other pests.
- Kills target insects and pests in various stages of their life cycle by hypoxia (suffocation). Therefore mites and other pests do not get immune to its repeated use.
- Possesses good wetting and spreading properties for wider coverage and long lasting protection.
- Non-toxic to humans and is safe for farmers, plants and consumers.

Applications / Recommendations:

Balmerol Balspray HMO is sprayed in the form of an oil-in-water emulsion at 1-2% concentration level during different growth stages of the crop. It should not be sprayed at shade temperatures above 35 °C. Balmerol Balspray HMO is suitable for

- Fruits: Apple, banana, chickoo (sapodilla), litchi, mango etc.
- Nuts: Almond, peanut, groundnut etc.
- Agricultural crops: Cotton, wheat, rice, soya bean etc.
- Vegetables: Beans, cabbage, cauliflower, green peas etc.

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Typical Properties:

Balmerol Balspray HMO	
Properties	Balspray HMO
Colour & Appearance	Very light yellow transperant liquid
Specific Gravity @ 15°C	0.841
Kinematic Viscosity at 40 °C, ASTM D 445	15 -16
Pour Point, °C, maximum, ASTM D 97	-12
Emulsibility	Readily emulsifiable
Unsulphonated residue	> 92%
Low temperature emulsion test	Passes
Freeze test (low temperature stability)	Passes

Health and Safety: Balmerol Balspray HMO oil is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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