

ENOC AGRI SPRAY OIL

PRODUCT DESCRIPTION

ENOC AGRI SPRAY Oil is a severely hydrotreated paraffinic spray oil which provide effective protection against plant disease and pests. It is in a concentrated form with a well-balanced additive formula of emulsifying agents that enable the formation of emulsion to be used as an agriculture spray oil, **AGRI Spray Oil** is a safe mineral oil exhibiting low acute toxicity.

ENOC AGRI Spray Oil may be used to combat agriculture and plantain disease, by forming a water insoluble strong film, that is resistant to water wash out.

ENOC AGRI Spray Oil prevents disease and pest infestation by smothering and denying fungi and pest access to the conditions essential for survival. Since the mode of protection is not through chemical poisoning, fungi and pest will not develop resistance to spray oils.

Product Features

ENOC AGRI Spray Oil remains on plants long enough to prevent plant disease, and then evaporate quickly enough to prevent plant damage. It is a superior spray oil whose physical and chemical property have been demonstrated to be successful in controlling plant diseases and pest.

The properties which have shown to most directly affect the performance of spray oils are:

- **Un-Sulfonated Residue (UR)** is a measure of the degree of refinement of spray oil. A high UR indicates that the oil has high saturate, unreactive hydrocarbon content and, consequently, low probability of harming plants. Phytotoxicity increase greatly as UR fall below a value of 90%. **ENOC AGRI Spray Oil** has an UR of 96% as a minimum.
- **Distillation Range** of spray oil should be narrow enough to ensure that the level of the more volatile, low boiling components and the level of the less volatile, high boiling components are both low. The low boiling components evaporate too quickly to be effective, and the high boiling components reside on the plant too long and could damage it. The distillation range for **ENOC AGRI Spray Oil** is optimally narrow to work in most effective manner.
- **Viscosity**, the flow characteristics is important. **ENOC AGRI Spray Oil** with lighter viscosity flow more freely and spread more evenly over the plant surface.

APPLICATIONS

- Safe spray oil to control leaf disease (e.g.: Sigatoka)
- Can be easily mixed with water and agriculture chemicals

- Use at concentration of 1-2% with necessary fungicide as per agriculture chemicals supplier's doses, uses, precautions and conditions stated on its package.
- Spraying intervals minimum 15 days depending on infection degree and the agriculture experts' recommendations.
- Avoid spraying in hot sunny periods, spray at morning below 30°

BENEFITS

ENOC Spray Oil provides

- Best pesticidal activity
- Less reactive, safe for plants
- It transparent & odorless
- Low volatility and better diseases control
- Permit equal distribution of the fungicides on leaves
- Low phototoxicity
- Enhance penetration and optimum contact time on leaves

Technical Data*	
Density @ 29.5 °C	0.828
Appearance	Clear transparent liquid
Kinematic Viscosity mm ² /s @ 40°C	9.0
Flash point °C (Open Cup)	150
Un-Sulfonated Residue, % min	96
Distillation 50% vol. recovered temp. 2mmHg, °C ASTM D1160	354.2
Distillation 50% vol. recovered temp. °C ASTM D86	345
Product code	223054

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.