

## A Powerful Wetting Agent

### Description

Agrosurf WP35 is a formulated nonionic system that has been designed to offer the optimum wetting characteristics for a range of agrochemical applications.

Due to its nonionic nature its compatible with anionic, nonionic, cationic and amphoteric surfactants.

### Applications

- **Soil and Turf Wetting**

Healthy lawns and soils rely heavily on good moisture levels throughout the layers, so anything that prevents water penetration to the lower layers can be detrimental. Some lawns and soils can become hard and dry during prolonged hot and dry conditions and will eventually stop water penetrating to the lower levels. The use of Agrosurf WP35 will help to improve water penetration to the roots and lower levels. It will help to change the balance of the substrate by making it more hydrophilic, which will allow water to penetrate through the upper layers.

- **Dew suppression**

Suppression of dew is particularly important for golf courses as it helps in two ways. Firstly this practice is used to help improve the playing conditions, but secondly it's also important from a disease management perspective. Removing dew appears to be a more cost effective disease management control rather than increasing the mowing frequency.

- **Additive for water-dispersible granules and wettable powders**

The addition of Agrosurf WP35 at small amounts within a powder system can help to increase the wetting performance.

- **Timber treatment**

It's important to have a good wetting agent to aid the penetration of the fungicides and biocides into wood.

### Key Features

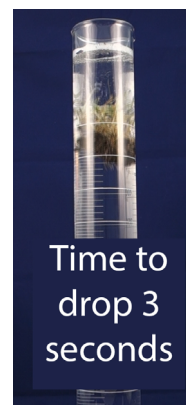
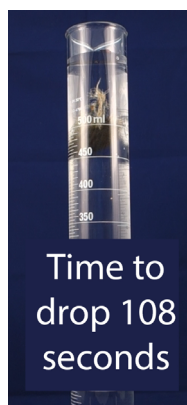
- Powerful wetting
- A dilutable concentrate
- Readily biodegradable
- Particularly good for turf and soil wetting
- 36 x more wetting power than water

### Analysis

The wetting performance was measured by comparing the time it takes for a known weight of dried turf and soil to drop in a test solution.

#### Results

Sample	Time / seconds
Water	108
Agrosurf WP35 0.1% sol	3



## Specification

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Appearance at 25°C:	Clear Liquid
Cloud Point °C (1% aqueous):	52 - 60
pH (5% Aqueous)	5.0 - 8.0
Solids Content %	82 - 85
Colour - Hazen	50 Max

## Typical Properties

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Composition:	Nonionic Blend
EPA Status:	910, 930, 960
Odour:	Characteristic
Specific Gravity at 20°C:	0.97
Solubility in Water:	Soluble
Viscosity at 25°C (cP):	81.2
Pour Point °C:	<0
Flash Point °C – Open Cup:	>100
Surface Tension 0.1% aqueous (mN/m)	29.5

## Packaging and Storage

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Agrosurf WP35 can be supplied in bulk road tankers, IBC's and 200kg nett drums.

Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Agrosurf WP35 in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

## Regulatory Information

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Please refer to Safety Data Sheet.

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation. Typical properties are based on our own measurements and do not constitute part of the sales specification.