

## Silwet™ ECO Super Spreader

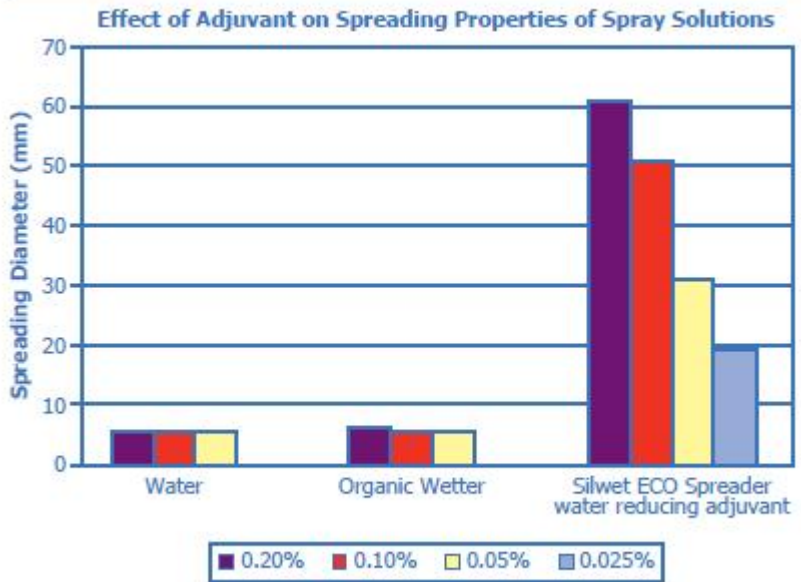
### Silwet© Eco Spreader

#### Description

Silwet ECO Spreader water reducing adjuvant is a low foaming activator/spreader used in agriculture. It is listed by the Organic Materials Review Institute (OMRI) for use in organic production. Silwet ECO Spreader water reducing adjuvant helps reduce the surface tension of spray solutions beyond what can be achieved with conventional adjuvants, to allow lower spray volumes and related pesticide application costs.

Silwet ECO Spreader water reducing adjuvant is a superspreading surfactant that can quickly reduce the contact angle of spray solutions on foliar surfaces, thereby promoting increased surface coverage (Figure 1).

**Fig. 1: Spreading of Agricultural Adjuvants**

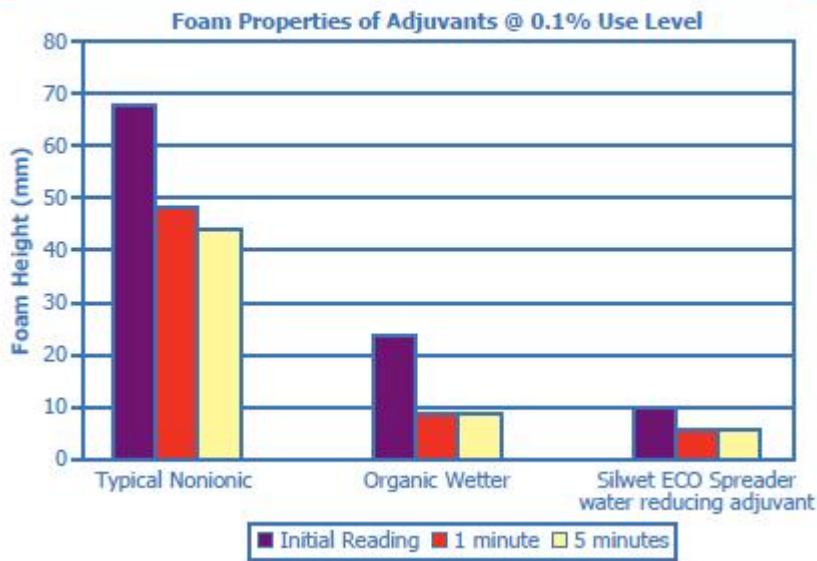


Note: Spreading on polyacetate film

This increase in spray coverage means that water requirements may be significantly reduced up to 70% of “spray to run-off” volumes in many crop applications. This makes Silwet ECO Spreader water reducing adjuvant a great choice to consider when water conservation and pesticide application costs are important.

The low foaming properties of Silwet ECO Spreader water reducing adjuvant typically make it much easier to handle than other activator-spreader adjuvants (Figure 2).

**Fig. 2: Foaming of Agricultural Adjuvants**



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**Key Features and Benefits**

- Superspreader for improved coverage
- Potential for 25-75% lower spray volumes and costs
- Effective with most low temperature applications
- Low foaming
- Nonionic
- Meets requirements for EPA 40CFR§180.910

**Typical Physical Properties**

Surface Tension (0.1%), mN/m	21.5
Cloud Point (0.1wt%), °C	<10
Critical Micelle Concentration (wt%)	0.003
Pour Point, °C	-50
Viscosity @ 25°C, cps	22
Flash Point, PMCC, °C	143
Specific Gravity @ 25°C	1.002

**Potential Applications**



Standard copy to come

**Product Safety, Handling and Storage**

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**Limitations**

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