

Nouryon

Morwet® D-400

Agricultural solutions



Morwet D-400 is a result of Nouryon's continuous customer focused work to improve economy for formulators and farmers while maintaining high-efficiency weed and pest control. For decades, Morwet D-425 has been the industry standard naphthalene sulfonate condensate for versatility and robustness.

Excellent performance with less cost

Less robust alternatives can be used in standard formulations and Morwet D-400 fulfils these requirements with excellent and reliable performance at reduced cost.

What is Morwet D-400?

An alkyl naphthalene sulfonate sodium salt condensate (NSC) that is closely related to Morwet D-425.

- A dispersant designed to perform in standard systems under normal conditions
- EPA 40 CFR 180.920 status and same CAS number as Morwet D-425

Why use Morwet D-400?

- Developed to formulate dry and liquid products for highly efficient CP formulations
- Effective with herbicide, fungicide and insecticide applications
- Provides excellent storage properties to WG
- D-400 replaces and outperforms competitor dispersant products at the same use level
- Low cost alternative

Morwet D-400 is an excellent choice for standard WDG and will perform equally as Morwet D-425.

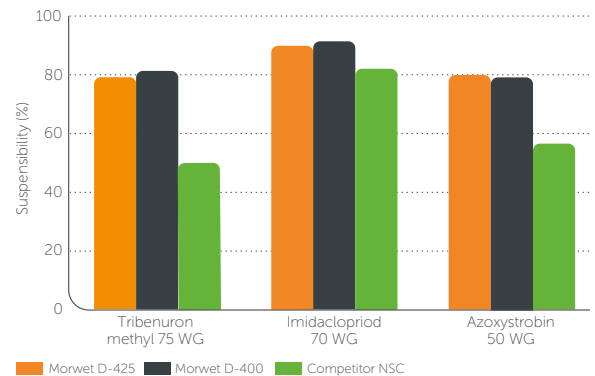
In contrast to many other NSC products on the market, Morwet D-400 ensures good properties of your formulation after storage. For more complex formulations, Morwet D-425 is a safe choice.

Morwet products provide superior performance at low concentrations.

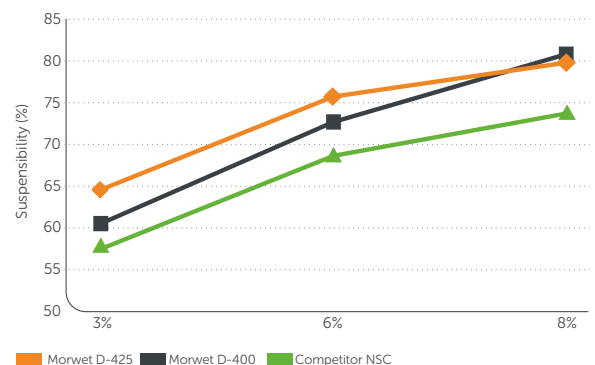
Typical Physical Properties

Property	Value
Appearance	Tan powder
pH (5% in water)	7.5-10
Flash point (PMCC)	>200 °F
Moisture	3% max
Activity	> 72.5%

Suspensibility after storage, 2 weeks 54 °C



Influence of dispersant conc in an Imidacloprid 70 WG formation



Formulation Guide

Tribenuron Methyl 75 WG

Ingredient	Function	Concentration
Tribenuron methyl (95%)	Herbicide	79%
Morwet D-400	Dispersant	8%
Berol 790A	Wetting agent	2%
Light Calcium Carbonate	Filler	q.s.

Imidacloprid 70 WG

Ingredient	Function	Concentration
Imidacloprid (96%)	Insecticide	73%
Morwet D-400	Dispersant	3%
Morwet EFW	Wetting agent	3%
Agrilan 700	Co-Dispersant	2%
Ultrazine NA	Binder	7%
Corn starch	Filler	q.s.

Tebuconazole 250 g/L SC

Ingredient	Function	Concentration
Tebuconazole (97%)	Fungicide	25%
Morwet D-400	Dispersant	2.5%
Siloxane oil	Antifoam	0.2%
Xanthan gum	Rheology modifier	0.35%
Propylene glycol	Antifreeze	5%
Water	Filler	q.s.

Azoxystrobin 250 g/L SC

Ingredient	Function	Concentration
Azoxystrobin (96%)	Fungicide	25%
Morwet D-400	Dispersant	2.5%
Ethylan NS-500 LQ	Wetting/Co-dispersant	1%
Siloxane oil	Antifoam	0.2%
Xanthan gum	Rheology modifier	0.35%
Propylene glycol	Antifreeze	5%
Water	Filler	q.s.

For more information visit nouryon.com/agriculture

We design and supply solutions optimized for your needs – today and tomorrow