

Morwet® D-400

A dispersant with excellent performance and less cost

Morwet D-400 is a result of our continuous customer focused work to improve economy for formulators and farmers while maintaining high-efficiency weed and pest control.

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
- Morwet 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.

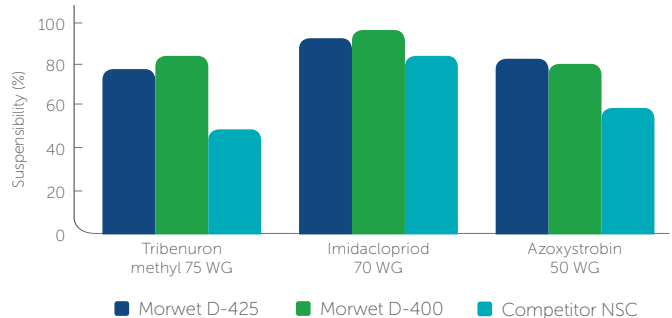
In contrast to many other NSC products on the market, Morwet D-400 ensures good properties of your formulation after storage. For more complex formulations, Morwet D-425 is a safe choice.

Morwet products provide superior performance at low concentrations.

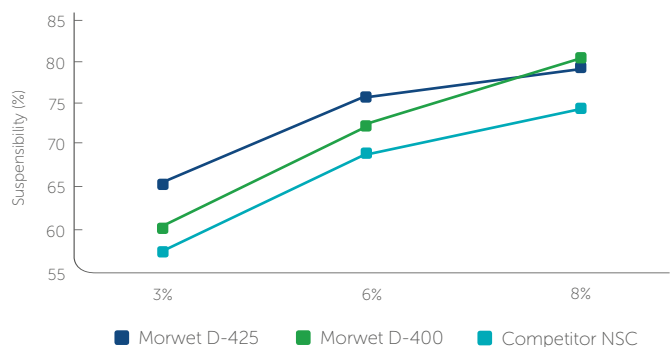
Typical properties

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

Suspensibility after storage, 2 weeks 54°C



Influence of dispersant concentrate in an Imidacloprid 70 WG formation



Formulation guide

Tribenuron Methyl 75 WG

Ingredient	Function	Conc, %
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	Conc, %
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	Conc, %
Tebuconazole (97%)	Fungicide	25.00
Morwet D-400	Dispersant	2.50
Siloxane oil	Antifoam	0.20
Xanthan gum	Rheology modifier	0.35
Propylene glycol	Antifreeze	5.00
Water	Filler	q.s.

Azoxystrobin 250 g/L SC

Ingredient	Function	Conc, %
Azoxystrobin (96%)	Fungicide	25.00
Morwet D-400	Dispersant	2.50
Ethylan NS-500 LQ	Wetting/Co-dispersant	1.00
Siloxane oil	Antifoam	0.20
Xanthan gum	Rheology modifier	0.35
Propylene glycol	Antifreeze	5.00
Water	Filler	q.s.

Contact us directly for detailed product information and sample request
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Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

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