



WUXAL® Sulphur

Liquid Fertiliser

Fluid Nitrogen fertiliser containing Sulphur and Micronutrients.

Description

WUXAL Sulphur is a fluid Nitrogen-Sulphur enriched formulation for foliar fertilisation. The composition of WUXAL Sulphur, particularly its nutrient ratio, meets the specific Nitrogen-Sulphur requirements of the particularly S demanding crops wheat, oilseed rape and sugarbeet.

Sulphur as well as Nitrogen are particularly important in protein synthesis as they are contained in essential amino acids. Sulphur is an important elemental component of Methionine and Cysteine.

N and S are known for their synergistic effect on plant metabolism. Sulphur is also involved in plant disease resistance.

Sulphur deficiency is an increasing problem due to clean air programmes / SO₃-emission controls, reduced use of wettable Sulphur fungicides and higher yield intensity in cereals and oilseed rape.

Autumn sown crops are more susceptible to S deficiency than spring sown crops.

Key benefits & features

- ▶ highly concentrated fluid sulphur
- ▶ nitrogen-sulphur readily and fully available for leaf absorption
- ▶ free from elemental S which is completely unavailable for foliar and root uptake
- ▶ compatible with most commonly used pesticides and NPK foliar fertilisers
- ▶ improves soil fertiliser Nitrogen efficiency
- ▶ increase protein content; e.g. in wheat
- ▶ improves plant health
- ▶ autumn application improves frost tolerance

Contents

Fluid Nitrogen fertiliser containing Sulphur and Micronutrients.

% w/w			g/l
15	N	Total Nitrogen	198
		9.2% ammonium-N	121
		5.8% urea-N	77
21	S	Sulphur	277
0.01	B	Boron	0.132
0.004	Cu	Copper	0.052
0.02	Fe	Iron	0.264
0.012	Mn	Manganese	0.158
0.001	Mo	Molybdenum	0.013
0.004	Zn	Zinc	0.052

All nutrients are water soluble and the cationic micronutrients (iron, copper, manganese and zinc) are fully chelated by EDTA.

Physical / chemical properties

Density: 1.32 g/cm³
 pH value: 6.7
 Color: brown

Distributor:



Horticulture
TasmanCrop

Producer:



AGLUKON Spezialdünger GmbH & Co. KG
 Heerdter Landstraße 199 · D-40549 Düsseldorf



Fields of application and rates of use

Crop	Timing	Rate of use
Oilseed rape	1 st during leaf development (autumn application 4-6 leaf stage for winter rape) 2 nd during early stem extension period	3-5 L/ha
Cereals (particularly winter wheat / barley)	1 st tillering 2 nd beginning of stem elongation until first node stage	3-5 L/ha
Sugarbeet	1 st 4-6 leaf stage 2 nd 6-8 leaf stage	3-5 L/ha
Maize	1 st 4-6 leaf stage 2 nd 10 leaf stage	5 L/ha
Brassicas (chinese cabbage, cauliflower, broccoli)	1 st 6-8 leaf stage 2 nd repeat after 10 days	3-5 L/ha
Onions, garlic	1 st five or more leaves clearly visible 2 nd start of bulb development	3-5 L/ha
Lettuce	1 st during leaf development (main shoot) 2 nd at head formation	3-5 L/ha
Spinach	1 st during leaf development (main shoot) 2 nd two weeks before harvest	5 L/ha

WUXAL Sulphur can be mixed with most pesticides.

Do not exceed the recommended dosage.

Do not apply during flowering!

For the purpose of optimal leaf wetting, WUXAL Sulphur should be applied with a sufficient water volume of approx. 400 L/ha in joint application with pesticides.

Precautions and liability:

When mixing with pesticides for the first time, test on a small scale before general use. When storing the product, temperatures below +5°C and above +40°C as well as frequent temperature fluctuations should be avoided. Considerable changes in temperature and/or too low temperatures can cause crystallisation. The crystals will however easily dissolve again in the spray solution. Prolonged storage may also cause colour change and a reversible phase separation. Neither crystallisation nor colour change will in any way affect the product quality as regards the desired physiological effect.

Distributor:



Producer:

