

Products and Services

Description

Flexi-NKS is a premium, clear, liquid fertiliser containing nitrogen, potassium and sulfur. Nitrogen is in the urea form, while potassium is in the muriate (chloride) and thiosulfate form and sulfur is in the thiosulfate form.

Advantages

- Economical to store
- Remains stable in storage
- Easy handling through hoses and pumps
- Can use existing spray equipment
- Application by boomsprayer is very uniform compared to topdressing solid fertilisers

Application

Crops: Flexi-NKS is suitable for application through boomsprayers. As part of a balanced fertiliser programme for cereals and canola Flexi-NKS may be applied before, at or after sowing, with solid fertilisers such as Agstar or MacroPro used at seeding.

Pastures: Flexi-NKS can be applied with a boomsprayer during the season to boost production of grassy clover-based pastures. Best responses can be expected following the application of Super Phos or Super Potash in the autumn. It is recommended that grazing is deferred for 10 days following application of the Flexi-NKS to avoid nitrate poisoning.

The potential for this product to cause leaf scorch under field conditions is being reviewed.

Characteristics

Typical analysis (w/w%)*			Typical analysis (w/v%)#		
N	K	S	N	K	S
11.5	10.9	3.9	14.5	13.7	4.9

* One tonne of Flexi-NKS contains 115kg of nitrogen, 109kg of potassium and 39kg of sulfur.

One cubic metre of Flexi-NKS contains 145kg of nitrogen, 137kg of potassium and 49kg of sulfur. 100 litres of Flexi-NKS contains 14.5kg of nitrogen, 13.7kg of potassium and 4.9kg of sulfur.

Salt out temp (°C)	pH range	Specific gravity
-10	7.5-9.5	1.26

Rates

Rates of nitrogen, potassium and sulfur applied for various rates of Flexi-NKS

Flexi-NKS L/ha	N kg/ha	K kg/ha	S kg/ha
20	2.9	2.7	1
30	4.3	4.1	1.5
40	5.8	5.5	2
50	7.2	6.8	2.4
60	8.7	8.2	2.9
70	10.1	9.5	3.4
80	11.6	11	3.9
90	13.0	12.3	4.4
100	14.5	13.7	4.9
110	15.9	15.1	5.4
120	17.4	16.4	5.9

Storage

Flexi-NKS can be stored and transported using the same tanks as Flexi-N, providing these are flushed thoroughly with water first.

Compatibility

Compatibility with trace elements and pesticides is currently being reviewed.

NOTE: Flexi-NKS is NOT compatible with Flexi-N or Flexi-NS.