

MultiCut[®] Sulphur

23-4-13 (7SO₃)

MultiCut Sulphur is a True Granular Compound for use as an all-season high Nitrogen/high Potash product ideal for multiple cuts of grass silage with reduced Phosphate content to help maintain soil P and K status. It is also a very flexible grade for winter and spring sown arable crops where high Potash/low Phosphate applications are required to balance soil nutrient supply. The addition of Sulphur enhances crop yield and quality in Sulphur-deficient situations.



Applications

Grassland – Where soil P and K indexes are at the recommended target of 2, MultiCut Sulphur is the ideal product to balance nutrient offtakes to maintain soil fertility and performs on its own or alongside spring slurry applications. Ideal in Sulphur responsive areas, application rates up to 450kg/ha for 1st cut, 350kg/ha for 2nd cut and 280kg/ha for 3rd cut are appropriate, but can be reduced if used with applications of organic manures.

With Sulphur, increases in DM yield of 25% can be achieved on light and medium soils, alongside increases of 4% in protein and 5% in sugar contents to improve grass quality and palatability.

Arable – Where soil P index is high and soil K index is at or below target, MultiCut Sulphur provides an appropriate supply of N, P and K to balance offtakes with winter and spring crops in Sulphur-deficient situations. When used in conjunction with organic manures this fertiliser will help to build soil Potash levels.

Product description

Ammonium Nitrate is the most efficient and predictable form of Nitrogen for UK growers.

Ammonium Sulphate offers a readily available source of Sulphur to the growing crop.

Water soluble Phosphate provides rapid uptake to support root development and plant growth.

A True Granular Compound ensures even and accurate spread of all nutrients across the crop.

Bulk density typical range 900-1000 kg/m³, average 960 kg/m³.

The **Carbon Footprint** for MultiCut Sulphur is 4.5kg CO₂e per kg Nitrogen.



Feature	Benefit
Contains Ammonium Sulphate	A readily available form of Sulphur for rapid uptake – elemental Sulphur cannot be taken up directly by crops because plants only take up Sulphur in the Sulphate form.
Contains Ammonium Nitrate	AN is the most efficient Nitrogen source and the 'Best Option for the Environment and Farming' according to Government research.
Contains water soluble Phosphate	Crop roots will only take up Phosphorus from soil solution so providing Phosphate in a form that is over 96% water soluble ensures rapid and efficient uptake, supporting root development and plant growth.
A True Granular Compound	Even application of all nutrients across the whole spreader bout width, which optimises nutrient use efficiency and crop response.
Phosphate and Potash applied during the growing season	Reduces autumn workload and potentially fertiliser application costs. Nutrients are provided when the crop uses them most efficiently, giving better yields and crop quality.
Manufactured at sites which are accredited to ISO 9001	Reliable product with consistent high quality, every year.

Sulphur Facts

- Sulphur is very mobile in the soil and can leach through the soil profile. Where large amounts are required it is advisable to split the recommended requirement in two or more applications.
- Foliar applied Sulphur is a less efficient approach to correcting Sulphur deficiency. This is because only 2% of the Sulphur is intercepted and absorbed through the leaf and often these products don't contain enough Sulphur.
- The average UK deposition of Sulphur is now negligible compared with the 25kg SO₂/ha/year of 20 years ago. In fact Sulphur deposition is no longer measured, due to such low levels occurring.
- Organic manures contain Sulphur, but in variable quantity and availability. Like elemental Sulphur, most of the Sulphur in organic manures cannot be directly taken up by crops for growth.

Ready reckoner for application rates

Product application rate kg/ha	Nutrient application rate			
	N kg/ha	P ₂ O ₅ kg/ha	K ₂ O kg/ha	SO ₃ kg/ha
125	29	5	16	9
250	58	10	33	18
375	86	15	49	26
450	104	18	59	32

Notes

- For grass silage, the optimum Sulphur application rate is 40 to 60kg SO₃/ha for 2 cuts and 60 to 80kg SO₃/ha for 3 cuts.
- For cereals, the optimum Sulphur application rate is 50kg SO₃/ha.
- For Oilseed Rape, the optimum Sulphur rate is 60-80kg SO₃/ha or for very deficient sites 112kg/SO₃/ha. If using MultiCut Sulphur then an early application of DoubleTop® can be used to supply more Sulphur.
- To convert from kg product/ha to bags/acre, multiply by 0.4, then divide by 50 (e.g. 250kg product/ha x 0.4 = 100/50 = 2 bags/acre).
- To convert from kg nutrient/ha to units/acre, multiply by 0.8 (e.g. 200kg N/ha x 0.8 = 160 units N/acre).

Calibrate before you spread for application rate and spread pattern

CF Fertilisers products spread to 32m bout widths. Widths of 36m are achievable with certain spreaders and products in suitable conditions, however, please seek advice. It is important to maintain fertiliser spreaders, whatever bout width you work at.

For optimum results, CF Fertilisers recommends that you follow the industry standard and set up your spreader for both application rate and spread pattern for each different fertiliser that you use. For Product Safety Data Sheets, please go to the website: www.cffertilisers.co.uk/safety-datasheets

Blue bags grow better crops

Quality Blue Bags – made in Britain for British farmers and British conditions

- Every ingredient is fully traceable
- Blue Bag fertilisers work faster and are more reliable and effective
- Consistent product quality ensures consistent spread
- Every product we make is certified by the Carbon Trust
- We use the best possible packaging
- All CF Fertiliser products are manufactured in the UK to ISO 9001 standards



MultiCut Sulphur is available in a 600kg bag size.



What goes into every bag...



What comes out of every bag...



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