

SingleTop[®]

27N (12SO₃)

SingleTop is a high quality True Granular Compound product for little and often applications of Nitrogen and Sulphur to cereals and grass throughout the season.



Applications

Winter/Spring Cereals – for application where the little and often flexible approach to Sulphur nutrition is preferred. SingleTop can be used as the sole top dressing product up to the rate of N required.

Grassland – for use in Sulphur responsive areas where high quality grass for grazing is required and soil P and K indexes are at or above the target of 2. 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.

Product description

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

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

A True Granular Compound ensures even and accurate spread across the crop. SingleTop has the right balance of Nitrogen to Sulphur for all season use.

Part of a range of **CF Fertilisers NS grades**, providing flexibility in analysis and rate applied.

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

The **Carbon Footprint** for SingleTop is 3.6kg CO₂e per kg Nitrogen.



Feature	Benefit
Contains Calcium 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.
A True Granular Compound	Even application of all nutrients across the whole spreader bout width, which optimises nutrient use efficiency and crop response.
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 SO₃/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	SO ₃ kg/ha	S kg/ha
150	41	18	7
185	50	22	9
280	76	34	13
370	100	44	18

Notes

- For cereals, the optimum Sulphur application rate is 50kg SO₃/ha.
- For grazed grass, the optimum Sulphur application rate is 60 to 70kg SO₃/ha.
- 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



SingleTop is available in **600kg** and **1,000kg** (one tonne) bag sizes.

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



What goes into every bag...



What comes out of every bag...



CF Fertilisers UK Limited, Ince, Chester, Cheshire CH2 4LB
© CF Fertilisers UK Limited 2017



CF Fertilisers UK Ltd assumes no liability for reliance on, or any errors or omissions in, the information provided in this document. For a precise farm specific recommendation please contact your FACTS Qualified Adviser. Product colour may vary batch to batch due to raw materials used in the process, any colour variation will not affect product quality.

