

ADOB® Sulphur



Characteristics

ADOB® Sulphur is a multinutrient, multifunctional, free-flowing and non-hygroscopic crystalline fertiliser. This fully water-soluble product is intended for foliar application to arable, vegetable, floriculture and orchard crops. It features high levels of nitrogen (N) and magnesium (Mg) (14% each), and an extremely high concentration of sulphur (SO_3 , 44%). Additionally, it contains a relatively high concentration of manganese (Mn, 0.4%) that is fully chelated by the classic **EDTA** agent. This ensures that all nutrients in **ADOB® Sulphur** are readily and quickly available to all plants.

Applying this N-Mg-S rich fertiliser ensures control and prevention of sulphur deficiency in crops. This is especially true for crops renowned for their high sulphur requirements, such as oil-seed rape and brassica vegetables (e.g. broccoli, cabbage and Brussels sprouts).

-  a mixture of various EC fertilisers
-  foliar application
-  contains nitrogen and magnesium
-  supplementation of soil fertilisation
-  fast dissolution and complete solubility
-  excellent miscibility
-  preventive and corrective effect
-  fast and efficient S uptake

Composition

Composition – ADOB® Sulphur

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	14.0	
– ammonium nitrogen	N-NH ₄	8.3	
– amide nitrogen	N-NH ₂	5.7	
Magnesium oxide	MgO	14.0	soluble in water
Sulphur trioxide	SO ₃	44.0	soluble in water
Manganese	Mn	0.4	chelated by EDTA

Stability of the chelated fraction guaranteed at pH range 4-8.



Packaging: 20 kg



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Application recommendations

Application recommendations – ADOB® Sulphur

Crops	Number of applications per season	Crop phenological stage	BBCH stage	Product application rate [kg/ha]	Spray solution application rate [l/ha]
Arable crops					
 Cereals	2	tillering	25-29	2	200-300
		first node to flag leaf	31-39	2	
		heading	51-59	2	
 Rapeseed	3	beginning of stem elongation	30-31	2	
		3 to 8 visibly extended internodes	33-38	2	
		green bud	51-53	2	
 Maize	1	4-6 leaves	14-16	2	
 Potatoes	2	inter-row closure	31-39	2	
		tuber formation	40-49	2	
 Sugar beets	1	inter-row closure	32-39	2	
 Soybean	1	development of side shoots and the main shoot	21-49	1	
 Legumes	1	stem elongation	30-39	2	
Vegetable crops					
 Bulb vegetables e.g. onion, leek	3	leaf development	13-15	3	300-500
		leaf development	16-19	3	
		development of harvestable vegetative plant parts	41-45	3-5	
 Cucurbits e.g. pumpkin, zucchini, cucumber	3	formation of side shoots, inflorescence emergence	21-59	5	
		flowering and fruit development	61-79	5	
		ripening of fruit and seeds	81-89	5	
 Brassica plants e.g. cabbage, cauliflower, broccoli	2-3	leaf development	14-19	3-5	
		development of harvestable vegetative plant parts	41-42	3-5	
		development of harvestable vegetative plant parts	43-45	5	
 Root vegetables e.g. carrot, celery, beet	2-4	leaf development	11-13	3	
		leaf development	14-19	3-5	
		development of harvestable vegetative plant parts	41-45	5	
		development of harvestable vegetative plant parts	46-49	5	
		leaf development	13-15	2	
 Solanaceous e.g. tomato, pepper, early potato	3-4	leaf development and formation of side shoots	16-29	3	
		inflorescence emergence and flowering	51-69	3-5	
		fruit development	71-79	3-5	
		leaf development	16-19	5	
 Legumes e.g. bean, pea	2	development of side shoots and the main shoot	21-39	5	
		Orchard crops			
 Stone-fruit trees e.g. sour cherry, sweet cherry	1-2	fruit development	72-79	2-3	500-800
 Pome trees e.g. apple, pear	1-2	fruit development	74-79	2-3	
 Soft fruits e.g. strawberry, blueberry	2-3	start of vegetation	10-13	2-3	300-500
		fruit development	71-79	2-3	

