

Basfoliar® 2.0 12-4-6+S



Characteristics

Basfoliar® 2.0 12-4-6+S is a multinutrient, multifunctional liquid fertiliser for the foliar fertilisation of arable, vegetable, floriculture and orchard crops. It is especially recommended for nourishing plants with a high sulphur requirement (e.g. oilseed-rape, soybean, sunflower, cotton and brassica vegetables). It supplies plants with essential nutrients and ensures the optimal development of their shoots and roots. It is an N-P-K fertiliser enriched with magnesium (Mg), sulphur (S), and all six micronutrients: boron (B), copper (Cu), iron (Fe), molybdenum (Mo), manganese (Mn) and zinc (Zn).

All micronutrients (except boron and molybdenum) are chelated by the modern biodegradable **IDHA** agent, while boron and molybdenum (which cannot be chelated) are present as water-soluble, inorganic components. This ensures that nutrients are readily and quickly available to all crop plants. The innovative "**Technology 2.0**" enhances the uptake of nutrients by plant leaves and increases the effectiveness of the fertiliser activity.

Basfoliar® 2.0 12-4-6+S significantly enhances the development of all plant parts, boosts their vigour and improves their health. It effectively prevents nutrient deficiencies, especially under occasional stressful growth conditions.

- EC** EC fertiliser
- NPK+micro** NPK fertiliser + micro
- IDHA** IDHA chelated
- 100%** 100% chelation of micronutrients
- BIO** biodegradable
- 2.0** Technology 2.0
- S+Mg** contains sulphur and magnesium
- wide-ranging nutrition**



Composition

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Packaging: 10, 20, 1000 l

Nutrients	Symbol	Content [% w/w]	Content [% w/v]	Content [g/l]	Form
Total nitrogen	N	12.0	14.8	148.0	
– nitrate nitrogen	N-NO ₃	2.5	3.1	31.0	
– ammonium nitrogen	N-NH ₄	4.5	5.5	55.0	
– amide nitrogen	N-NH ₂	5.0	6.2	62.0	
Phosphorus pentoxide	P ₂ O ₅	4.0	4.9	49.0	soluble in a neutral-pH solution of ammonium citrate and water
Potassium oxide	K ₂ O	6.0	7.4	74.0	soluble in water
Boron	B	0.02	0.012	0.12	soluble in water
Copper	Cu	0.01	0.012	0.12	chelated by IDHA
Iron	Fe	0.02	0.024	0.24	chelated by IDHA
Manganese	Mn	0.01	0.012	0.12	chelated by IDHA
Molybdenum	Mo	0.005	0.006	0.06	soluble in water
Zinc	Zn	0.005	0.006	0.06	chelated by IDHA

Contains magnesium (Mg) and sulphur (S).



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Application recommendations

Application recommendations – Basfoliar® 2.0 12-4-6+S

Crops	Number of applications per season	Crop phenological stage	BBCH stage	Product application rate [l/ha]	Spray solution application rate [l/ha]		
Arable crops							
 Cereals	2	4-8 leaves tillering to flag leaf	14-18 25-39	5 5	200-300		
 Rapeseed	2	4-8 leaves beginning of stem elongation	14-18 30-31	5 5			
 Maize	1-2	4-6 leaves 6-8 leaves	14-16 16-18	5 5			
 Potatoes	2	inter-row closure tuber formation	31-39 40-49	5 5			
 Sugar beets	2	4-6 leaves inter-row closure	14-16 32-39	5 5			
 Legumes	2	stem elongation pod and seed development	30-39 70-79	5 5			
Vegetable crops							
 Bulb vegetables e.g. onion, leek	2-3	leaf development leaf development development of harvestable vegetative plant parts	13-15 16-19 41-45	3-6 3-6 3-6		300-500	
 Cucurbits e.g. pumpkin, zucchini, cucumber	2-3	leaf development leaf development formation of side shoots, inflorescence emergence	13-15 16-19 21-59	3-6 3-6 3-6			
 Brassica plants e.g. cabbage, cauliflower, broccoli	2-3	leaf development rosette development of harvestable vegetative plant parts	14-19 31-39 41-45	6-9 6-9 6-9			
 Root vegetables e.g. carrot, celery, beet	2-3	leaf development leaf development development of harvestable vegetative plant parts	14-16 17-19 41-45	3-6 3-6 3-6			
 Leaf vegetables e.g. lettuce, spinach	2-3	leaf development leaf development development of harvestable vegetative plant parts	11-13 14-19 41-45	3-6 3-6 3-6			
 Solanaceous e.g. tomato, pepper, early potato	2-3	leaf development and formation of side shoots inflorescence emergence and flowering fruit development	16-29 51-69 71-79	3-6 3-6 3-6			
 Legumes e.g. bean, pea	2-3	leaf development leaf development development of side shoots and the main shoot	13-15 16-19 21-39	3-6 3-6 3-6			
Orchard crops							
 Stone-fruit trees e.g. sour cherry, sweet cherry	3-4	green bud white bud fruit development	55 57-59 72-79	4-9 4-9 4-9	500-800		
 Pome trees e.g. apple, pear	4-5	green bud pink/white bud until June fall of buds fruit development	56 57 71-73 74-79	4-9 3-6 3-6 4-9			
 Soft fruits e.g. strawberry, blueberry	4-5	inflorescence emergence fruit development	55-59 71-79	4-9 4-9			300-500
Plant Nursery	2-3	intensive growth	concentration 0.25% - 0.3%				

