

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



Composition

Composition – Basfoliar® 2.0 12-4-6+S

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).



Application recommendations

Application recommendations – Basfoliar® 2.0 12-4-6+5

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

