



STEFES ALGI



SPECIAL FERTILIZER WITH BIOSTIMULATING EFFECTS



Highly concentrated natural seaweed suspension rich in microelements and natural growth hormones

Content: 3,08 % N + 1,85 % K₂O + 3,69 % B + microelements + seaweed extract *Ascophyllum Nodosum* + natural growth hormones + amino acids + vitamins + iodine



STEFES ALGI has a unique content of natural components including natural growth hormones – auxins, gibberellins, cytokinins, betanines, vitamins – and organic acids, enriched with micronutrients such as boron, manganese, zinc, iron and magnesium.

Therefore the fertilizer has a positive influence on development, growth and other plant life processes. It regulates the process of blooming, pollination and development of buds. It accelerates cell divisions, increases the size of fruits and the volume and quality of crops.



STEFES ALGI is recommended for stimulation of root development, acceleration of storing reserve materials in the plant, improvement of resistance to stress and quicker regeneration of plants suffering from stress due to frosts, pathogens, vermin and other adverse factors.

Use of the fertilizer can also partly reduce fruit rust. Additionally, seaweed extracts increase the activity of pesticides and strengthen plant resistance to different fungal diseases.



Key advantages of STEFES ALGI

- Great efficiency guaranteed by high quality of seaweed *Ascophyllum Nodosum* extract and modern technology of mild extraction which preserves full activity of natural, biological substances
- Can be applied by foliar or soil application as well as through watering systems
- Stimulates plant biochemical processes and growth
- Significantly increases development of advanced root system
- Preparation of the crop for winter period
- Regeneration capabilities of the plant supported and increased

Use recommendations

Crop	Number of treatments	Use rate l/ha	Time of application
Sugar beet	1	2-3	From 4-6 leaves unfolded stage till closure of rows (BBCH 16-39)
Stone fruit	2	2-3	1st treatment from the beginning of flowering till petal fall (BBCH 51-69), 2nd treatment after the end of flowering: all petals fallen stage (BBCH 69-81)
Pome fruit	3	2-3	During flowering and intensive growth of fruit (BBCH 51-89)
Corn	1	2-3	At 4-8 leaves unfolded (BBCH 14-18)
Carrot, onion, leek, turnip	2	2-3	1st treatment from 4 leaves unfolded stage (BBCH 14-16), next after 14 days
Tomatoes, pepper, cucumbers, pumpkin	2	2-3	1st treatment at the beginning of flowering (BBCH 40), 2nd after 14 days
Oilseed rape	2-3	2-3	Autumn: 1 treatment from 6-8 leaves unfolded (BBCH 16-25), Spring: 1-2 treatments from the beginning of stem elongation stage till the beginning of inflorescence emergence stage (BBCH 30-52)
Strawberries	2	2-3	1st treatment directly after the beginning of vegetation but before flowering (BBCH 10-49), 2nd from beginning of leaf bud swelling till fruit set (BBCH 60-81)
Grapevine	2	3	1st from 5-6 leaves unfolded till beginning of leaf bud swelling (BBCH 14-55), 2nd from fruit set till the end of fruit development (BBCH 71-89)
Cereals	3	2-3	Autumn: 1 treatment from 3 leaves unfolded (BBCH 13-25), Spring: 2 treatments after restart of vegetation till the beginning of inflorescence emergence stage (BBCH 31-50)

STEFES ALGI is miscible with most crop protection chemicals. However, we recommend to make a small compatibility test with those agents scheduled for mixing and spraying. Use the product on dry crops – not at high temperatures.

STEFES ALGI is also recommended to be used in emergency: after stress, as a result of unfavourable factors such as frost, drought, hail, excessive soil moisture, etc., in order to save crops.

Macroelements	% of weight	% of volume
Nitrogen (N)	2,50	3,08
Potassium (K ₂ O)	1,50	1,85
Calcium (CaO)	0,14	0,17
Sulfur (SO ₃)	0,20	0,25
Microelements	% of weight	% of volume
Boron (B)	3,000	3,690
Manganese (Mn)	0,800	0,984
Zinc (Zn)	0,500	0,615
Copper (Cu)	0,003	0,004
Iron (Fe)	1,630	2,006

Microelements chelated with EDTA and fully water soluble
Density 1,23 kg/l, pH 5,0 - 6,5



ANTI EVAPORATORS



SURFACTANTS



HUMECTANTS



EDTA CHELATION



ADHESION INTENSIFIERS



MISCIBLE WITH PLANT PROTECTION AGENTS

STEFES ALGI also contains:

- seaweed extract *Ascophyllum Nodosum*
- natural growth hormones (cytokinin, auxin, gibberellin, betanin)
- vitamins, amino acids and iodine