Complesal® Active Stim

Fruits · Vegetables · Ornamentals

Active

Description

Complesal® Active Stim comprises a unique combination of amino acids and seaweed extracts and is therefore the universal choice for fruits, vegetables and ornamental plants.

Amino acids and seaweed extract both support plant growth under stress conditions by activating plant defense and stimulating numerous plant growth processes. Amino acids help the plant to save energy by already delivering precursors of proteins, and increase the product efficiency by their natural sticking and wetting effect. The active and organic compounds especially promote fruit set, fruit growth and fruit quality.

Nutrient contents		% w/w	% w/v
Total Nitrogen	N	7.1	8.27
Organic Nitrogen	N_{org}	6.5	7.57
Ammoniacal Nitrogen	N_{min}	0.6	0.7

Product Properties: Density: 1.16 g/cm³ · pH value: 7.1 · Color: brown

Advantages

- high content of amino acids plus seaweed extract to support plant growth under stress conditions
- optimal plant availability
- excellent amino acid and active substance penetration
- natural sticking and wetting effect for higher product and pesticide efficiency
- durability against rain
- excellent stabilization by formulation technology ensures simple product use
- joint application with pesticides
- suitable for organic farming

Additives for increased efficiency

Seaweed:
Biostimulating effect of natural plant ingredients for good and stable growth under stress conditions

Amino acid:
Highly active organic compounds that stimulate and strengthen the crop to acclimate to critical situations

IPM Enhancer:
Plant availabe ingredients optimize the efficiency and improve the effect of pesticides

Folistick:
Lasting adhesive for better uptake ensuring the durability against external factors

Complesal®
The new face of foliar fertilization

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Precautions and liability

Temperatures below +8°C and above +35°C as well as frequent temperature fluctuations during transport and storage should be avoided. Prolonged storage may cause color change. Color change will not affect the desired physiological product quality in any way.

When mixing with other products for the first time, test on a small scale before general use.

Recommendation for product application

Type of Crop	Application Time	Application Rate
Pome fruit	green bud pre-blossom / balloon stage start of flowering post-harvest	2 l/ha 3 l/ha 3 l/ha 5 l/ha
Stone fruit	start of flowering and during petal fall, after first fruit fall	3 – 5 l/ha 5 l/ha
Sweet cherries	4 treatments in total yellowing of fruits red coloring	3 l/ha
Plums/ Prunes	4 treatments in total Scharka treatment (plum pox virus) petal fall and at 30 day-intervals	 5 – 10 l/ha (1%)
Mango	start of flowering, fruit set, early cell enlargement	5 l/ha
Banana	shortly before, shortly after appearance of the inflorescence, at the initial fruit filling stages	5 l/ha
Pineapple	one week before flowering, at flowering, after fruit setting	5 l/ha
Strawberries	4 treatements after planting in joint application with botrytis sprays	3 l/ha
Vegetables	2 – 3 weeks after planting or emergence resp. repeat at fortnight intervals	3 – 5 l/ha
Viticulture	4 treatments in total before and after bloom	3 – 5 l/ha
Nurseries	according to actual demand - propagation of cuttings	0.25 % – 0.30 %
Protected cultivation	soon before and soon after inflorescence emergence and during fruit development	0.20 % – 0.25 %
Sugarbeets	in joint application with post emergence herbicides	2 – 3 l/ha
Potatoes	in joint application with post emergence herbicides	2 – 3 l/ha
Cereals	in joint application with fungicides	2 – 3 l/ha

Fertigation

Application at 20 – 30 day intervals or according to demand of the crop. It is generally recommended to apply the product at start of vegetative growth in order to promote root development. At the same time, root absorption of nutrient elements is promoted.

Fruit trees 6 – 8 l/ha

Vegetable crops 8 – 10 l/ha

Strawberries 8 – 10 l/ ha

Ornamentals 90 – 100 ml/100 m2

Rinse well the fertigated plant with clear water after application!

Complesal®

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