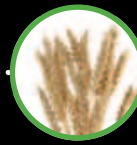


# Complestal® Energy



Cereals



Potatoes



Corn/Maize



Essential

## Description

**Complestal® Energy** is a liquid foliar fertilizer with a balanced content in macro nutrients plus an all-round set in micro-nutrients. This perfectly balanced nutrient content makes it multifunctional for any agricultural crop. Complestal Energy significantly increases yield and quality of the crops and efficiently supplies nutrients during stress conditions.

Nutrient contents		% w/w	g/l
Total nitrogen	N	7	84.7
Phosphate	P <sub>2</sub> O <sub>5</sub>	7	84.7
Potassium	K <sub>2</sub> O	7	84.7
Boron	B	0.03	0.36
Copper	Cu	0.01	0.12
Iron	Fe	0.05	0.12
Manganese	Mn	0.03	0.36
Molybdenum	Mo	0.003	0.036
Zinc	Zn	0.01	0.12

All nutrients are fully water-soluble and the cationic micronutrients (copper, iron, manganese and zinc) are fully chelated by EDTA.

**Product Properties:** Density: 1.21 g/cm<sup>3</sup> · pH value: 7.0 · Color: blue

## Advantages

- full set of Complestal® Essential Additives  
Micro Focus, NPK Focus, Seaweed, Folistick
- Easy handling due to an excellent formulation technology
- Perfect nutritional set for all kinds of crops
- Including biostimulants based on seaweed
- Fast nutrient absorption
- Applicable in all crops for multiple purposes
- Maximum of nutrients available for the plant
- Stimulating and strengthening of the natural plant defense system
- Durability against rain
- Excellent formulation technology ensures simple product use
- Joint application with pesticides
- Quick distribution in the tank water

## Additives for increased efficiency



**Seaweed:** The set of seaweed extracts effects a good and stable growth even under stress conditions (heat, drought, salinity, water stress and cold) due to the biostimulating effect of natural plant ingredients from four different algae species. As a result the plant remains stable and strong.



**Folistick:** External factors such as rain can cause wash off of the spray film. The new Folistick technology ensures a higher durability against external factors such as rain. Complestal® Folistick guarantees a lasting adhesive on the foliage to increase the uptake of nutrients and active ingredients of the added pesticides.

**Complestal®**  
The new face of  
foliar fertilization

# Complestal® Energy

## Precautions and liability

Temperatures below +5°C and above +35°C as well as frequent temperature fluctuations during transport and storage should be avoided. Too low temperatures may cause crystallization. These crystals are fully water-soluble and will dissolve again in the spray solution. Prolonged storage may cause color changes.

Neither crystallization nor color change will 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
Top fruit	general recommendation for foliar nutrition and post-blossom spray in conjunction with pesticide treatments: approx. 6 - 7 sprays	0.2-0.3 %
Vegetables	alone or in conjunction with pesticide treatments, as soil and foliar nutrition - watering, sprinkling or spraying - atomizing	0.1-0.2 % 0.4 %
Aubergines, Cucumbers, Peppers, Tomatoes	6 applications: 1. and 2. before flowering, 3. - 6. after flowering, intervals between applications should be 2 weeks throughout	5 l/ha
Bananas	at least 5 applications	4-5 l/ha
Beans, peas	4 applications: • 1. before flowering; 2. - 4. after flowering at 14-day intervals	5 l/ha
Brassicacae, lettuce	4 applications: • 1. after planting out; 2. - 4. at 10-day intervals	0.1-0.2 %
Carrots	6 applications at 14-day intervals	5 l/ha
Cereals	in conjunction with pesticide treatments	5-10 l/ha
Citrus	6 applications: • 1. in winter • 2. before the blossoms open • 3. after petal fall • 4. - 6. at 4-week intervals	5 l/ha
Coffee	6 applications: • 1. before flowering • 2. - 6. after flowering at 3-week intervals • young plants weekly 2 - 3 applications • after planting out weekly 2 or 3 applications	0.4% 0.1% 0.2%
Cotton	5 applications: • 1. and 2. with the 1. and 2. insecticide sprays; 3. - 5. during boll formation at 14-day intervals	5 l/ha
Maize	4 applications: • 1. when the plants are 15 - 25 cm high; 2. - 4. at 14-day intervals	5-10 l/ha
Mango	3 applications: • 1. shortly before bloom • 2. 2-4 x at intervals of one week after blooming	5 l/ha (0.5%)
Papaya	spray 0.5% solution at least once a month when the crop is 4 months old	5 l/ha (0.5%)
Pineapples	5 applications: • 1. shortly before blossom; 2. - 5. post-blossom at 20-day intervals	5 l/ha
Rice	in the seed before planting out at least 2 applications under field conditions, at least 5 applications	0.4% (4-5 l/ha)
Soybeans	several applications: 1. after first flowering, then every 14 days, however 3 applications at least	5 l/ha
Strawberries	weekly applications: 1. after planting out	0.1-0.2%
Tea	6 applications: 1. when the leaf buds form, 2. - 6. at 3-week intervals	5 l/ha
Sugarcane	1 - 2 applications at a growth height of 25 - 35 cm	8 l/ha
Tobacco	several applications: 1. at the 4 - 5-leaf-stage, 2. application and all following in 3-week intervals	5 l/ha