

# Complestal® Shield



Top Fruit



Fruit Trees



Vegetables



Essential

## Description

Complestal® Shield is a foliar fertilizer with a high content in calcium and additionally contains boron. Its nutrient composition is especially adapted to fruit trees, vegetables and many other agricultural fruit crops. Due to the harmonized composition, Complestal® Shield significantly increases fruit set and quality of the crops and efficiently supplies nutrients during stress conditions.

Nutrient contents		% w/w	g/l
Calcium	CaO	12	151,2
Boron	B	0.3	3.8

All nutrients are fully water-soluble.

Product Properties: Density: 1.26 g/cm<sup>3</sup> · pH value: 2.6 · Color: blue

## Advantages

- set of Complestal® Essential Additives  
Micro Focus, Folistick
- Easy handling due to an excellent formulation technology
- Perfect nutritional set for all kinds of crops
- Fast nutrient absorption
- Applicable in all crops for multiple purposes
- Maximum of nutrients available for the plant
- 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



**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

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## 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
Apples	3 - 4 x starting 3 - 5 weeks before harvest	5-8 l/h
Stone fruit: Sweet cherries Plums	3 - 5 x during splitting stress conditions 4 treatments starting at post blossom and 30, 60 and 90 days after blossom	5 l/ha 5 l/ha
Strawberries	2 - 3 x joint application with botrytis treatments	5 l/ha
Table grapes	repeatedly to improve resistance against berry splitting	5 l/ha
Grapevine	3 x in joint application with fungicide sprays between fruit set and veraison	5 l/ha
Vegetables: Open field Protected cultivation	according to variety's demand	5 l/ha 0.2%-0.25%
Tomatoes / Peppers	3 - 5 x starting after first flowering repeat in 7 - 10 day intervals	5 l/ha
Lettuce	start 2 - 3 weeks after planting repeat in 7 - 10 day intervals (reduction of tip-burn incidence)	5 l/ha
Brassicac (Cabbage, Cauliflower)	start early before head formation repeat in 7 - 10 day intervals (reduction of internal browning)	5 l/ha
Kiwifruit	3 x during fruit enlargement in order to increase calcium fruit content and improve storage quality	5 l/ha (water volume: 1.500 l/ha)

\*5 - 8 l/ha in at approx. 500 l water/ha. Application at the beginning of August respectively 3 - 5 weeks before harvest in intervals of at least 8 days. The frequency of application depends on bitter pit sensibility and bitter pit risk (fruit load, fruit size, etc.). Last application shortly before harvest. For early calcium applications we recommend the highly compatible suspension Complestal Care pro, which also decreases russetting.