

Foli-Quality

The **Foli-Range** is high quality water-soluble foliar nutrition products. **Foli-Quality** contains Calcium (Ca), Potassium (K), Nitrogen (N) and most importantly trace elements (Cu, Fe, Mn, Zn, B, Mo).

Main functions of elements are as follows:

- Elements in **Foli-Quality** work together to improve fruit and seed quality (Ca and K) and protects the plant from environmental and physiological stress through the plant's to support anti-oxidant system (micro-elements).
- **Calcium** plays an important role in the formation of the cell membrane and is essential for cell division and the maintenance of cell integrity and cell membrane permeability.
- **Potassium** is one of the key nutrients for fruit quality and transports sugars/starch from the leaves to the fruit/seed. Potassium regulates the functioning of stomata and is therefore determining for CO₂ assimilation, photosynthesis, sugar production and also the temperature in the plant.
- **Nitrogen** is an essential component of all proteins, chlorophyll and many enzymes and is therefore essential for growth.
- During stress conditions (eg cold, heat, high nutritional needs) the levels of free increase radicals in plants and can lead to significant damage to cell structures. **Micro-elements** are many important for the functioning of the antioxidant system that plants against these free radicals protect.

Application can be repeated under stress conditions to protect plants.

Spray the recommended doses dissolved in 200 L/ha of water

Clear with chemical agents before combining with chemistry.

STANDARD APPLICATION GUIDELINES FOR THE FOLI-RANGE

CROP	PRODUCT	APPLICATION GUIDELINE (KG/HA)		
		DRYLAND	IRRIGATION	TIME OF APPLICATION
Maize	Foli-Energy	3	6	4 Weeks after Emergence
	Foli-Quality	3	6	6 Weeks after Emergence
	Foli-CaB	3	6	8 Weeks after Emergence
Sunflower	Foli-Energy	3	6	4 Weeks after Emergence
	Foli-CaB+Mo	4	6	Star Stage
Soybean	Foli-Energy	4	6	4 Weeks after Emergence
	Foli-CaB+Mo	4	6	6 Weeks after Emergence
	Foli-Quality	4	6	80% Pod Full
Sugarbean	Foli-Energy	4	6	4 Weeks after Emergence
	Foli-Quality	4	6	6 Weeks after Emergence
	Foli-CaB+Mo	4	6	80% Pod Full
Peanut	Foli-Energy	4	6	4 Weeks after Emergence
	Foli-CaB+Mo	4	6	6 Weeks after Emergence
	Foli-Quality	4	6	8 Weeks after Emergence

Foli-Quality Composition

g/kg		mg/kg							
N	K	Ca	Fe	Mn	Zn	Cu	B	Mo	
138	114	122	1724*	1724*	2585*	862*	1724	172	

*EDTA Cheleerd

