

Formula: K_2SiO_3

CHEMICAL COMPOSITION

		Typical	Guaranteed
Purity	(K_2SiO_3)	56.0 %	
Water	(H_2O)	43.9 %	
Potassium	(K_2O)	27.0 %	min 26.5 %
Silicium	(SiO_2)	29.0 %	min 28.5 %

PHYSICAL CHARACTERISTICS

Appearance	liquid
Density	1.69
Viscosity (DIN53019)	250 mPa.s

ADDITIONAL INFORMATION

Origin	EUROPE
Storage	To be stored in a clean, dry and ventilated warehouse

HELIO KForce

Liquid Potassium silicate

Plant strength and resistance to biotic and abiotic stresses



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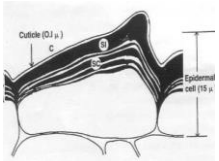
Heliopotasse

HELIO Si-KForce

is a source of **highly soluble** potassium and silicium. It is **easily available** to the plant via **irrigation** or **foliar** applications. Potassium is one of the main nutrient that assists silica **increasing the plant tolerance** to biotic and abiotic stresses. The research does show great benefit of using silica on several crops:

Rice | Sugar cane | Fruits | Grapes | Cucurbit | Flower | Tomato

How it works?



Yoshida, 1975 Taiwan Leaf epidermal cell of rice with Silicium

Si When applied silicon (29%) impregnates along epidermal cell walls. These layers become **more resistant** and become effective **barriers** against **drought**, **metal toxicity**, fungal and insect **pathogens**.

-K The additional potassium (27%) help the metabolism to **maintains turgor**, strengthen the stem and helps translocate **sugars** to the fruit.



Force

Increases plant Strength and Resistance to:

Abiotic & Biotic stresses



The advantages:



Recommended dosage by foliar application or fertigation:

Small jar test should be done prior to mix it with others chemicals due to the alkaline form of the product.

2-3 L /ha
3 times

Why is the product working?

- Because Silicium and Potassium are bring in a foliar form allowing a high efficiency
- Many scientists have been emphasized effectiveness of Silicium on many crops
- The product is already use within several countries

Why is Heliopotasse Helio Si K Force the solution for the fertilizer distributor ?

- Because HP have associated itself as marketer for agriculture of a production company of extreme high level in mastering the chemistry, our products are of the best quality and the safest on the market.

Why should a distributor sell our foliar range?

- Because it is a good product for agriculture and is fully in the trend for the new fertilization practice which are coming.
- Because it's an innovative products who emphasize dealer' technicity skills and brings profitability.