

Fertify SKH



15.6% w/w SILICA



14.1% w/w POTASSIUM



Concentrated silicon and potassium to improve cellular structure, turgidity and strength. Helps reduce lodging.

BENEFITS OF FERTIFY SKH

- Reduced lodging through improved plant cellular structure
- Premixed to carefully controlled ratios so the crop receives the essential nutrients specific to its growth stage
- Completely soluble and plant available delivering the required amount of nutrients with low application rates
- Free flowing formulation makes it easy to decant into spray equipment, mixing tanks and irrigation
- High concentration reduces quantity of product needed and saves on packaging and freight costs
- Can be applied with a wide range of other agricultural chemicals, reducing the number of spray applications needed

THE ROLE OF SILICON

Like other elements silicon plays a vital role in plant physiology. The range of silicon in plant tissue is around 0.1 to 10 %. Silicon enters plants and accumulates around the epidermis of roots and shoots. It forms a gel and associates with calcium and pectins to stabilise cell walls and increase a plants ability to handle stress conditions. Silicon therefore, has the ability to improve plant strength and structure. The advantage of this can be seen through reduced lodging.

Silicon Deficiency Symptoms

- Lodging
- Lower disease resistance
- Greater susceptibility to nematodes

THE ROLE OF POTASSIUM

Potassium regulates the electrolytes and turgidity of plant cells. Potassium occurs in the guard cells of the stomata and is therefore essential in respiration and transpiration. Potassium also assists in cell division, protein and carbohydrate formation. Lack of potassium when the plant is young cannot be compensated for later

Potassium Deficiency Symptoms

- Scorched leaf edges
- Yield and quality of fruit reduced



Application rates

Suitable for:

Foliar

Fertigation

Aerial

		Rates	Minimum Dilution	Notes
Fruit / Trees / Vines	Citrus	3-5L per Ha	1 in 300	Mature Trees: At Spring and Autumn growth flushes
	Pome / Stone Fruit	2-3L per Ha	1 in 300	Apply at transplant and repeat as required
	Berries	2-3L per Ha	1 in 300	Apply at planting. Repeat every 7-10 days if required
	Vines	2-3L per Ha	1 in 300	Apply to strengthen skin and enhance fruit quality
Vegetables / Salad	Brassicas	2-3L per Ha	1 in 300	Soil Drench at transplant or emergence. Repeat at 7-10 days
	Capsicum / Tomato	2-3L per Ha	1 in 300	Fertigate at transplanting. Foliar to new growth every 14 days
	Carrots	2-3L per Ha	1 in 300	Apply 3 times 14 days apart during early growth
	Cucurbits	2-3L per Ha	1 in 300	Apply at 4-6 leaf stage. Repeat regularly
	Lettuce	2-3L per Ha	1 in 300	Soil Drench at transplant or emergence. Repeat at 7-10 days
	Onions	2-3L per Ha	1 in 300	Apply 1 week after emergence. Repeat at 10 day intervals
	Potatoes	2-3L per Ha	1 in 300	Apply 1 week after emergence. Repeat with fungicide sprays
Combinable crops		3-5L per Ha	1 in 300	Apply when leaf area is sufficient to intercept foliar spray. Silica treatments can reduce droopy growth and lodging

Available in:

20 Litre
200 Litre
1000 Litre

NOTE: The suggested rates of application are designed for typical UK conditions and such should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28 C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf (sap) tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential

Specific Gravity: 1.28

Agitate contents well before dilution.

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