

SOLUBOR®

A highly soluble borate fertilizer for both soil and foliar application to correct boron deficiencies in coffee, brassicas maize, carrots flowers and ornamentals, French beans, snowpeas, garden peas, apples etc

ACTIVE INGREDIENT: Contains 21% BORON.

FORMULATION Powder

MODE OF ACTION Boron is one of the seven essential elemental plant micronutrients for good crop yields and quality even when all the other nutrients are present in the right quantities.

Boron's primary role in plants is to act as a key component in processes such as cell division, fertilization and seed set, cell wall formation and integrity, sugar transport and calcium uptake. Deficiency of boron in the soil and therefore in the plant results in abnormal growth such as apical shoot abnormalities and deformed leaves, stunted growth, poor fertilization and seed set, reduced yields and poor yield quality especially in fruits and vegetables.

APPLICATIONS

CROP	EFFECTS OF BORON DEFICIENCY	WHY BORON IS INDISPENSABLE	RECOMMENDATION	
			Soil application	Foliar application
Coffee	- Die back/death of growing points - Flower abortion/berry drop - Loss of yield	- reduces dieback of shoots - increases fertilization/seed setting	-	2-3kg/ha(40-60gm/20L of water for 20-25 trees-Two applications per year, before initiation of flowering.
Brassicas	- browning of the curd - cracking of leaves - breakdown of pith - reduced quality of harvest	- reduces browning of flower heads - increases vegetable quality - prevents cracked and hollow stems, pith breakdown and midrib cracking	5-10 kg/ha in 500 litres of water	5-10kg/ha in 200 litres of water
Maize	- Poor filling of the cob-deformed cobs - reduced yields both quality and quantity	- necessary for stimulation of root and shoot development - indispensable for pollen tube growth and seed formation. - helps in movement of sugars from leaves to ears. - improves tassel and silk formation	-0-15%clay-4kg/ha -16-30%clay -8kg/ha >30% clay 10kg/ha	1-2kg/ha-apply between 8 leaf stage and silking
Carrots	- skin blemishes - skin roughening"five o'clock shadow" - splitting of the roots	- Reduces five o'clock shadow - improves finish and quality - ensures healthy root formation.	4-6kg/ha in 200litres of water	4-6kg/ha in 500 litres of water 2-3kg/ha(40-60gm/20litres of water. Apply prior to flowering
Tomatoes, French beans, garden peas, pears, snow peas, passion fruits	- Flower abortion - reduced yields - poor quality of produce	- increases fertilization and seed/fruit set - higher yields, improved quality of produce.	4-6kg/ha in 1000 litres of water	4-6 kg/ha in 500 litres of water. Apply prior to flowering
Cotton	reduced yields	Increases fertilization / boll formation.	4-6 kg/ha in 1000 litres of water	4-6 kg/ha - apply prior to flowering

For a 20litre knapsack sprayer, use 50gms of Solubor

IMPORTANT TO NOTE: - Do not apply soluble with the seed at planting - for carrots.
- To correct boron deficiency solubor should be applied as preventative treatment either to the soil or foliar spray.
- Once symptoms of boron deficiency are clearly evident, they cannot be easily corrected on the same season.

MAIN ADVATAGES:

1. Maximum dispersion and solubility in water-dissolves rapidly and totally in water.
2. Specifically designed for foliar sprays-it is physically compatible with most pesticides and fertilizers.
3. It has a high concentration of boron-25 kg of solubor contains 4.9 kg of boron.
4. Premium quality and proven cost effectiveness-low cost per unit area.
5. Can be applied either as foliar spray or to the soil.
6. increases fertilization/seed and fruit setting thus good for all flowering and fruiting crops
7. Not expensive, not complicated to use BUT very profitable for the effort

COMPATILITY : Solubor is compatible with most commonly used fungicides and insecticides except those with alkaline reaction. However DO NOT tank mix with any product unless your own prior testing has shown the combination is physically compatible, effective and non-injurious under your conditions.



BORATE FERTILIZERS-FOR MAXIMUM YIELDS AND QUALITY IN CROPS



LEADERS IN CROP PROTECTION

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