

sonar BORON

Boron
Deficiency Corrector



COMPOSITION

	% w/v
Boron (B)	15,0
Nitrogen (N)	7,8
Density: 1,35-1,4 at 18°C	
pH (10% solution): 8-9	

YIELD &
QUALITY

Characteristics

SONAR BORON is a liquid deficiency corrector for foliar application or directly to soil by fertirrigation. For its high content of BORON, is used at low doses, and it's fully exploiting in crops.

In sugar beet prevents heart disease or putrid of the root. In apple and pear, **SONAR BORON** prevents bitter pit, and cracked. In grape, **SONAR BORON** improves flowering and prevents the bunch, avoid small and wrinkled fruit. In the olive tree, **SONAR BORON** prevents loss of production, and the deformation of the olive. In horticulture, **SONAR BORON** prevents heart rot in celery, the coiled of leaves in cauliflower and broccoli. In lettuce prevents hearts rotting and burning side, in stud prevents drying of the tip and stems, in potato avoid the necrotic of tubers with deformities.

Application

Crops	Nr. of applications	Crop phenological stage	Product application rate (L/ha)	Spray solution application rate (L/ha)	
Arable crops					
Legumes	2	Stem elongation. Pod and seed development.	1,5 1	200-400	
Maize	2	4-6 leaves. 6-8 leaves.	0,5 0,5-1		
Potatoes	3	Inter-row closure. Tuber formation. Fruit development.	1 1 1		
Rapeseed	3-4	4-8 leaves. Beginning of stem elongation. 3 to 8 visibly extended internodes. Green bud.	1,5 1,5 1,5 1		
Soybean	1	Development of side shoots and the main shoot	1		
Sugar beets	2	4-6 leaves. Inter-row closure.	2 2		
Wheat *s/w	1	First node to flag leaf.	0,3		
Vegetable crops					
Brassica plants (cabbage, cauliflower, Broccoli)	2-3	Leaf development. Rosette growth. Development of harvestable vegetative plant parts.	0,5 1 0,5-1		300-500
Bulb vegetables (onion, leek)	1-2	Leaf development. Development of harvestable vegetative plant parts.	0,5 0,5		
Cucurbits (pumpkin, zucchini, Cucumber)	3	Leaf development. Formation of side shoots, inflorescence emergence. Flowering, fruit development.	0,5 1 0,5		

* s/w – spring/winter

Doses and application

Horticulture, fruit, citrus, vines and olive trees:

- Weak deficiencies: 100-200 cc/100L
- Moderate deficiencies: 300-400 cc/100L
- Strong deficiencies: 500-600 cc/100L

Field crops: 4-6 L/Ha

Compatibilities

SONAR BORON is compatible with most products. Do not mix with mineral oils, alkaline products or sulfocalcics mixtures.

Vegetable crops					
Leaf vegetables	3	Development of harvestable vegetative plant parts.	0,5	300-500	
Legumes (bean, pea)	3	Leaf development. Development of side shoots and the main shoot. Inflorescence emergence and flowering.	0,5-1 1 0,5		
Root vegetables (carrot, celery, beet)	2-5	Leaf development. Development of harvestable vegetative plant parts. Development of harvestable vegetative plant parts.	0,5 1 0,5-1		
Solanaceous (tomato, pepper, early potato)	3-4	Leaf development, formation and growth of side shoots, tuber formation. Inflorescence emergence and flowering. Fruit development. Ripening of fruit and seeds.	1 1 0,5-1 0,5		
Orchard crops					
Pome trees (apple, pear)	4	Bud burst. Pink bud. Flowering. Before leaves fall.	1-2 1-2 1-2 1-2		500-1000
Soft fruits (strawberry, blueberry)	3	Vegetable beginning. Before flowering. Flowering. Before dormency.	1-2 1-2 1-2 1-2		
Stone-fruit trees (sour cherry, sweet cherry)	3	Bud burst. White bud. Flowering. Before leaves fall.	1-2 1-2 1-2 1-2		500-1000

