



ActiBor-150 | Super ActiBor-21

**Guaranteed content: B – 11% (150 g/l) boro ethanoloamine,
B – 21% on basis of sodium borate**



Description and performance:

The **ActiBor - 150** and **Super ActiBor 21** fertilizers effectively and quickly prevent boron deficiencies. These fertilizers ensure correct flowering and prevent the cracking of fruit and storage roots. Thanks to optimum content of boron, they reduce the plants' susceptibility to infections, thanks to which they increase the yield and improve crop quality. Application of ActiBor and Super ActiBor 21 also reduces the consumption of plant protection agents.

Boron and its significance for selected plants

BEETROOT	increased immunity to dry rot, higher content of sugar in the roots
RAPESEED	higher quantity of flowers, siliqua and seeds, better winter hardiness
CORN	cobs with optimum formation and seed distribution
POTATOES	correct flowering and growth support through impact on cell division
FRUIT TREES AND BUSHES	good fruit setting, apples are not susceptible to cracking and rusting, they ripen more slowly in the tree, store well and are tasty due to high level of organic acids, sugar and dry mass
GRAPEVINES	regulates correct growth of grapevine tips, facilitates uptake of Co, K, P and Mg ions from the soil; plays an important function in the correct flowering (facilitates pollen germination)
STRAWBERRY	impacts correct formation of buds and fruit quality (especially the shape and color of skin)
PEPPERS	increased yield and better crop quality
LEGUMES	complete formation of root papillae
TOMATOES	immunization to blossom end rot
CAULIFLOWER	better formation of the cauliflower head and prevention of its russetting
CABBAGE	prevention of internal russetting of heads and cabbage clubroot
CELERY	prevention of internal russetting and empty spaces in the root
BRUSSELS SPROUTS	prevention of russetting, improved health of steams
BROCCOLI	prevention of head russetting
CARROT	healthy roots without cracks

Boron deficiency – symptoms

VEGETATIVE DEVELOPMENT	GENERATIVE DEVELOPMENT
<ul style="list-style-type: none"> • inhibition of growth of the whole plant • incorrect formation and development of tissues • root thickening • occurrence of irregular chlorosis between leaf nerves • deformation of young leaves and discoloration to dark blue-green • breakable and fragile stalks • disrupted development of the vascular tissue • transpiration disorders 	<ul style="list-style-type: none"> • disorders in the pollination and fertilization process • clear inhibition of flower and fruit setting • development of seedless fruit and parthenogenesis • small, poor quality fruit

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Dosage and application:

Crops	Number of applications	Time of application	Single dosage	
			ActiBor (l/ha)	Super ActiBor (kg/ha)
Beetroot	2	I – 4-6 proper leaves phase; II – before the covering the rows; with acute boron deficiency – 3-4 sprays every 7 days;	1-3	1-2
Rapeseed	fall – 1	phase of a well formed rosette;	1-3	1-2
	spring – 2	I – after start of vegetation; II – green bud phase; other permissible timing – early April and during fall of flower buds;		
Corn	3	I – 2-6 leaves phase; II – 6-10 leaves; III – before shedding the panicle;	1-3	1-2
Potatoes	2	I – development of over-ground parts; II – beginning of flowering;	1-2	1-1,5
Tobacco	2	I – vegetative growth; II – every 10-14 days;	1-1,5	1
Cereals	2	I – fall; II – spring, vegetative development;	1-1,5	1
Grain legumes	2	I – phase of 7 leaves or after the rosette is formed in lupine; II – before flowering;	1	0,5-1
Small-seed legumes	2	I – 3 weeks after start of spring vegetation; II – before flowering, no later than 3 weeks before harvesting the feed;	1	0,5-1
Pulses	2	I – before flowering; II – after flowering;	1-3	1-2
Fruit trees and bushes	fall - 2	I – after harvesting; II – after 10-14 days;	1	0,5-1
	spring - 3	I – before flowering; II – during flower petal shedding; III – two weeks after the end of flowering;		
Vines	2	I – beginning of flowering; II – 7-10 days after;	1-1,5	1
Strawberry	2	I – white bud phase; II – beginning of flowering;	0,5-1,0	0,5-0,7
Peppers, tomatoes, cucumber	2	I – 2-3 weeks after planting the seedlings; II – before flowering;	1-2	1-1,5
Vegetables and decorative Plants	3	I – at the stage of 2-6 leaves formed (approx. 3 weeks after planting the seedling); II and III – intensive growth phase – every 10-14 days;	1-2	1-1,5
Other	2-3	Every 10-14 days when deficiency occurs;	1-2	1-1,5

Recommended concentration: Agricultural crops 200 – 500 litters of solution per hectare, horticultural crops 400 – 600 litters of solution per hectare, orchards 700-1000 litters of solution per hectare.

For more information:

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Nature enhanced

