



## Boron foliar fertilizers

# ActiBor-150, Super ActiBor-21

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



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### 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

<b>BEETROOT</b>	increased immunity to dry rot, higher content of sugar in the roots
<b>RAPESEED</b>	higher quantity of flowers, siliqua and seeds, better winter hardiness
<b>CORN</b>	cobs with optimum formation and seed distribution
<b>POTATOES</b>	correct flowering and growth support through impact on cell division
<b>FRUIT TREES AND BUSHES</b>	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
<b>GRAPEVINES</b>	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)
<b>STRAWBERRY</b>	impacts correct formation of buds and fruit quality (especially the shape and color of skin)
<b>PEPPERS</b>	increased yield and better crop quality
<b>LEGUMES</b>	complete formation of root papillae
<b>TOMATOES</b>	immunization to blossom end rot
<b>CAULIFLOWER</b>	better formation of the cauliflower head and prevention of its russetting
<b>CABBAGE</b>	prevention of internal russetting of heads and cabbage clubroot
<b>CELERY</b>	prevention of internal russetting and empty spaces in the root
<b>BRUSSELS SPROUTS</b>	prevention of russetting, improved health of steams
<b>BROCCOLI</b>	prevention of head russetting
<b>CARROT</b>	healthy roots without cracks

# ActiBor-150, Super ActiBor-21

## Boron deficiency – symptoms:

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

## Dosage and application:

Crops	Number of applications	Time of application	Single dosage	
			ActiBor (l/ha)	Super ActiBor (kg/ha)
<b>BEETROOT</b>	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
<b>RAPESEED</b>	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		
<b>CORN</b>	3	I – 2-6 leaves phase; II – 6-10 leaves; III – before shedding the panicle	1-3	1-2
<b>POTATOES</b>	2	I – development of over-ground parts; II – beginning of flowering	1-2	1-1.5
<b>TOBACCO</b>	2	I – vegetative growth; II – every 10-14 days	1-1.5	1
<b>CEREALS</b>	2	I – fall; II – spring, vegetative development	1-1.5	1
<b>GRAIN LEGUMES</b>	2	I – phase of 7 leaves or after the rosette is formed in lupine; II – before flowering	1	0.5-1
<b>SMALL-SEED LEGUMES</b>	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
<b>PULSES</b>	2	I – before flowering; II – after flowering	1-3	1-2
<b>FRUIT TREES AND BUSHES</b>	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		
<b>GRAPEVINES</b>	2	I – beginning of flowering; II – 7-10 days after	1-1.5	1
<b>STRAWBERRY</b>	2	I – white bud phase; II – beginning of flowering	0.5-1.0	0.5-0.7
<b>PEPPERS, TOMATOES, CUCUMBER</b>	2	I – 2-3 weeks after planting the seedlings, II – before flowering	1-2	1-1.5
<b>VEGETABLES AND DECORATIVE PLANTS</b>	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
<b>OTHER</b>	2-3	Every 10-14 days when deficiency occurs	1-2	1-1.5

**Recommended concentration:** Agricultural crops 300-500 liters of solution per hectare, horticultural crops 500-800 liters of solution per hectare, orchards 700-1000 liters of solution per hectare.

EC FERTILIZER



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