

# PhytoGreen® -Boron Fertilisers

**BORETHANOLAMINE and CALCIUMBORATE SUSPENSION**

## Composition:

**PhytoGreen®-Boron:** 11% B (150 g/l water soluble boron as Borethanolamine)

**PhytoGreen®-Calciumborate:** 7 % Boron (101 g B/l) , 12 % Calciumoxide (173 g CaO/l)

## Mode of action and advantages:

- ◆ To provide boron - as water soluble Boronethanolamine or as suspension in combination with Calcium
- ◆ Enhance growth of meristem, provide regular blossom-time and fruit setting
- ◆ Ensure the output

## Recommendations for use and application rates:

<b>General:</b>	To provide boron: 1-3 l/ha as foliar application with 200-400 l water/ha or 4-8 l/ha as soil application.
<b>Strawberries:</b>	For flower quality, fruit setting and against deformed berries: one foliar application with 1 l/ha at green bud, 2 l/ha in autumn.
<b>Vine:</b>	For flower quality, fruit setting, regular maturity and vine quality: two foliar applications with 0,5-1 l/ha from increasing of flower cluster until beginning of blossom.
<b>Hop:</b>	For good shoot and blossom development: from enough foliage until beginning of blooming 3-5 applications with 0,1% (100 ml/ 100l water).
<b>Stone fruit:</b>	For flower quality and fruit setting: 2 l/ha at beginning of blooming and 2 l/ha after harvest as foliar applications.
<b>Pip fruit:</b>	For flower quality, fruit setting and skin quality: three foliar applications with 1 l/ha from red bud until petal fall, one foliar application with 2 l/ha after harvest.
<b>Maize:</b>	For pollen quality and graining: 3 l/ha from 4- to 10-leaf-stage as foliar application.
<b>Green vegetables, brassica:</b>	For inner quality, against heart necrosis: 2-3 l/ha as soon as enough leaves are developed as foliar application.
<b>Sugar beet:</b>	Against heart and dry rot: one or two foliar applications with 3 l/ha from 4- to 6-leaf-stage until meeting across the rows.
<b>Fruiting vegetable, root crops:</b>	For fruit setting and fruit quality: 2-3 l/ha as soon as enough leaves are developed as foliar application.
<b>Potatoes:</b>	For inner quality: one or two foliar applications with 1 l/ha from meeting across the rows.
<b>Oilseed rape:</b>	For regular blossom-time and maturity, output: 3 l/ha in autumn from 4- to 6-leaf stage as foliar application. At high boron deficiency repeat treatment in spring.
<b>Winter cereal:</b>	To provide boron especially under dry weather: 1-2 applications with 0,5 l/ha (BBCH 30 - 37)

## Technical details:

**PhytoGreen®-Boron:** Density: 1,36 kg/l, pH = 7,9

**PhytoGreen®-Calciumborate:** Density: 1,44 kg/l; pH = 7,5

**Miscibility:** PhytoGreen®-Calciumborate cannot be mixed with phosphates or sulfates. PhytoGreen®-Boron can be mixed with usual plant protection products.

## Pack sizes:

1 l • 10 l • 200 l • 1000 l

**PhytoGreen®-Boron is in compliance with Council Regulation (EC) No 2018/848 on organic farming. Listed at FiBL Inputs list for the organic agriculture in Germany and at InfoXgen.**