**CHARACTERISTICS**

**KELOM BORON** is a liquid boron deficiency corrector for foliar or soil application. In sugar beet it prevents heart diseases or putrid of the root. In apple and pear, **KELOM BORON** prevents bitter pits and cracks. In grape, **KELOM BORON** prevents the bunch, avoiding small, wrinkled fruits.

In olive, **KELOM BORON** prevents the loss of production and the deformation of the olive. In horticulture, **KELOM BORON** prevents heart rot in cellery, the coiled leaves in cauliflower and broccoli. In lettuce it prevents heart rotting and burning side; in stud it prevents the drying of the tip and stems; in potato it avoid the necrotic of tubers with deformities.

The most important physiological effects of Boron in plants are:

- Cell wall structure
- Cell division
- Sugar transport
- Flowering and fruiting and Plant hormone regulation

**COMPOSITION**

<table>
<thead>
<tr>
<th>Component</th>
<th>%w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boron (B)</td>
<td>11,0</td>
</tr>
<tr>
<td>Total Nitrogen</td>
<td>4,8</td>
</tr>
</tbody>
</table>

- Density: 1,35-1,40 @ 18°C
- pH (10% solution): 8,0-9,0

**DOSAGE AND APPLICATION**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Objective</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>In all crops</td>
<td>Supply with boron</td>
<td>1-4 l/ha as a foliar application in 200-400 l water or 5-8 l/ha as a soil application. During application with knapsack sprayer at 0,5%</td>
</tr>
<tr>
<td>Pit fruit</td>
<td>Pollen germination, flower quality, fruit setting, calcium transport, skin quality</td>
<td>2-3 x 1 l/ha from red bud until petal fall</td>
</tr>
<tr>
<td>Pit fruit, Stone fruit, Strawberries, Berries, Table grapes</td>
<td>Storage of reserve substances, regeneration, resistance against cold, flower quality</td>
<td>2 x 1 l/ha after harvest</td>
</tr>
<tr>
<td>Stone fruit</td>
<td>Flower quality, fruit setting</td>
<td>1 l/ha beginning of blossom time</td>
</tr>
<tr>
<td>Table grapes</td>
<td>Flower quality, fruit setting, regular maturity</td>
<td>2 x 1 l/ha from increasing of flower cluster until beginning of blossom</td>
</tr>
<tr>
<td>Fruit vegetables</td>
<td>Flowering, fruit setting, supply with boron</td>
<td>1-2 x 2 l/ha before blossom when enough leaves are developed</td>
</tr>
<tr>
<td>Crucifers, leaf vegetables, bulbous vegetables</td>
<td>Inner quality, against heart necrosis in cabbage, supply with boron</td>
<td>1-2 x 2-3 l/ha as soon as enough leaves are developed</td>
</tr>
<tr>
<td>Asparagus, root vegetables, tuberous plants</td>
<td>Quality (cracks; empty asparagus or tubers; inner scald), supply with boron</td>
<td>1-2 x 3 l/ha as soon as enough leaves are developed</td>
</tr>
<tr>
<td>Cereals</td>
<td>Output, supply with boron</td>
<td>0,5-1 l/ha until end of tillering, a deficiency proof by leaf analysis provided</td>
</tr>
<tr>
<td>Potatoes</td>
<td>Inner quality, supply with boron</td>
<td>1-2 x 1 l/ha at meeting across the rows</td>
</tr>
<tr>
<td>Maize</td>
<td>Pollen quality, grain yield, energy density, supply with boron</td>
<td>1-2 x 3 l/ha between 6-leaf-stage and meeting across the rows</td>
</tr>
<tr>
<td>Oil seed rape</td>
<td>Resistance against cold, regular flower and maturation, yield</td>
<td>2-4 l/ha in autumn from 4 till 6 leaf-stage</td>
</tr>
<tr>
<td>Sugar beet</td>
<td>Against heart and dry rot, output, quality, supply with boron</td>
<td>2-4 l/ha in spring until beginning of blossom</td>
</tr>
<tr>
<td>Hop</td>
<td>Development of bud and sprout, quality</td>
<td>3-5 x 0,1 % until flowering</td>
</tr>
</tbody>
</table>

**Packaging**

- 1L
- 5L
- 10L
- 20L
- 1000 L

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