

**LAITECA**



# LAITECA®

**LAITECA** is the association of three plant growth regulators that produces significantly higher yield, and increased and more uniform sizes, a more intense colouring and advanced harvests in **strawberries and white pears**.

**LAITECA** makes floration uniform, it induces set fruit and stimulates larger-sized fruit, without negatively affecting the quality nor preservation.

In the case of the **White pear**, the substitution of traditional treatment of Gibberelic Acid with **LAITECA** has significant advantages:

- ✓ Stimulates the yield of young plantations.
- ✓ Improves set fruit.
- ✓ Increases the size of the fruit and reduces deformities.
- ✓ Stimulates the formation of seed fruit and improves preservation.

In the case of **strawberries**, **LAITECA** improves set fruit, increases yield and the size of fruit (without negatively affecting hardness or preservation) and advances harvest.

The response to **LAITECA** depends on the species, the variety, the phenological state, the dosage applied and the environmental conditions. It is therefore important to carefully follow the instructions of use.

### **Crops, dosage and application times**

**LAITECA** is authorised for the following plants and applications detailed below.

| <b><i>CROPS</i></b>                    | <b><i>Objective</i></b>  | <b><i>Dosage (ml/hl)</i></b> | <b><i>Observations</i></b>   |
|--|--|------------------------------|--|
| <b>STRAWBERRIES</b>                    | Improve set fruit.<br>Induce early harvest<br>Increase the size and hardness of the fruit.             | 50 ml                        | Apply 2 treatments:<br>1 <sup>st</sup> When the first flowers appear.<br>2 <sup>o</sup> 10 days before harvest.  |
| <b>PEAR TREES (White Pear variety)</b> | Increase set fruit.<br>Prevent effects of frost.<br>Decrease deformed fruits and improve preservation. | 50 to 100 ml                 | Apply 2 treatments:<br>1 <sup>st</sup> When 30-40% of flowers is open.<br>2 <sup>o</sup> When 90% of flowers are open.<br>To avoid the effect of frost, apply during the following 48 hours. |

### **Application method**

- Apply using a normal leaf spray.
- If surfactants are added, lower the dosage.
- In White pears, do not apply treatment after petals have fallen and always apply to strong, healthy trees.
- Do not mix with other agrochemicals products.
- LAITECA strengthens the development of fruit and creates nutrient requirements in the tree superior to a non-treated tree. Therefore, it is advisable to mix with leaf fertilisers in order to provide the necessary added nutrients.

In the first treatment, it is recommended to mix with LAIBONO and in the second with LAIFOL 0-9-18.

# TECHNICAL SPECIFICATIONS

## LAITECA

|                                     |   |
|-------------------------------------|---|
| <b>PRODUCT</b>                      | Association of plant growth regulators, witch promotes important crop increase and uniformity, sizing, fruit colouring and accelerates maturity   |
| <b>ACTIVE INGREDIENTS</b>           | <b>a) Gibberellic Acid (GA<sub>3</sub>): 0,7% w/v (7 g/l)</b><br><b>b) 2,4-D (isopropyl ester): 0,5% w/v (5 g/l)</b><br><b>c) NAA: 0,5% w/v (5 g/l)</b>   |
| <b>FORMULATION</b>                  | Soluble liquid (SL)   |
| <b>CHEMICAL NAMES</b>               | a) (3S,3aS,4S,4aS,7S,9aR,9bR, 12S)-7,12-dihidroxy-3-methyl-6-methylene-2-oxoperhiydro-4a, 7-methano-9b, 3-propenoazulen[1,2-b]furan-4-carboxylic acid.<br>b) Isopropyl ester (2,4-dichlorophenoxy) acetic acid<br>c) 1-naphthalen acetic acid |
| <b>CHEMICAL FORMULA</b>             | a) C <sub>19</sub> H <sub>22</sub> O <sub>6</sub><br>b) C <sub>11</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>3</sub><br>c) C <sub>12</sub> H <sub>10</sub> O <sub>2</sub>   |
| <b>ASPECT</b>                       | Colourless liquid   |
| <b>pH (1% in water)</b>             | 3,1 – 4,1   |
| <b>DENSITY (a 20°C)</b>             | 0,80 a 0,81 g/ml  |
| <b>ACUTE TOXICITY</b>               | LD <sub>50</sub> (oral rats): 4.630 mg/kg<br>DL <sub>50</sub> (dermal rabbits): >10.000 mg/kg   |
| <b>TOXICOLOGICAL CLASSIFICATION</b> | Irritant (Xi), Flammable (F)<br>Dangerous for the environment (N)   |
| <b>ENVIRONMENTAL TOXICITY</b>       | Mammalians: A<br>Birds: A<br>Fish: A<br>Bees: Dangerous controllable to bees.   |
| <b>PACKING</b>                      | 1 litre   |

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