



# VIGORIS

PLANT GROWTH REGULATOR

## CHARACTERISTICS

**VIGORIS** is a plant growth regulator in liquid solution, formulated with Benzyladenine (6-BAP) and Gibberellic Acid (GA<sub>4</sub>+7) in balanced concentrations. This product stimulates cell division and elongation of plant tissues, promoting harmonious plant growth. Its application significantly improves fruit set and favors flower retention, resulting in harvests with a greater number of good-sized fruits. **VIGORIS** also helps reduce the incidence of russeting (the appearance of rough spots on the skin) in pome fruit trees, improving the aesthetic and commercial quality of the production. Its easy-to-use formulation leaves no residue in the crop and is safe for consumers, making it an effective addition to clean production programs.

## MAIN BENEFITS

It stimulates cell growth and the active division of new plant tissues, promoting vigorous development

It improves fruit set and increases flower retention after flowering, reducing premature fruit drop.

It increases final fruit size, achieving larger-caliber harvests without compromising internal quality.

It reduces the incidence of russeting (rough surface spots) in pome fruit trees, optimizing the appearance and commercial value of the fruit.

## APPLICATION

## COMPOSITION

	%w/v
<b>6-Benzyladenine (6-BA)</b>	<b>1,8</b>
<b>Gibberellic Acid (GA 4+7)</b>	<b>1,8</b>



OBJECTIVE	RATE	PHI	APPLICATION INFORMATION
<b>APPLE</b>			
Improve tyniness Single application	1.2-2.3 L/ha	28	Apply at early king bloom to early stages of petal fall (optimal timing is 80% king bloom)
Improve tyniness Two applications	0.6-1.2 L/ha	28	Make first application at early king bloom and the second 3-21 days later, when the remainder of the canopy comes into bloom.
Reduce russet	250-500ml/ha	28	Make a maximum of 4 applications starting between the bloom and petal fall (closer to petal fall is ideal) Follow up with sequential applications on a 7-12 day interval. Earlier applications, shorter intervals and higher rates are recommended when conditions are long, cold and wet.
Increase fruit set after a frost	1.2-2.3 L/ha	28	Apply within 24 hours after a frost event when the crop is between early bloom and full bloom. Allow trees to thaw before making application.
Branching - foliar application (nursery and orchard)	125-500ppm (6 2.5-250 mL Fiton per 10 L of spray solution)	28	For orchard trees, apply at 1-3 in. Of new terminal growth. For nursery stock, treat after trees have reached a terminal height at which lateral branching is desired.

OBJECTIVE	RATE	PHI	APPLICATION INFORMATION
<b>PEAR (non-bearing)</b>			
Increase fruit set	250mL/ha	365	Make first application at 10-30% open flowers on the old wood. Make second application between full bloom and petal fall.
Branching - foliar application (nursery and orchard).	250-1000 ppm (125-500 ml Fiton per 10L of spray solution)	365	For orchard trees, apply at 1-3 in. Of new terminal growth. For nursery stock, treat after trees have reached a terminal height at which lateral branching is desired.
<b>SWEET CHERRIES (non-bearing)</b>			
Branching - foliar application (nursery and orchard)	250-1000ppm (125-500ml Fiton per 10L of spray solution)	365	Treat after trees have reached a terminal height at which lateral branching is desired.
Branching - latex application (orchard only)	100-165.6 ml Fiton per 500ml latex paint	365	Apply in the spring when terminal buds begin to swell but before shoots emerge.

## COMPATIBILITY

VIGORIS is compatible with most commonly used foliar fertilizers and insecticides/fungicides. However, mixing with products with strongly alkaline reactions or mineral oil-based formulations is not recommended, to prevent phytohormone degradation. If in doubt, conduct a small-scale compatibility test before general application. Constantly stir the spray mixture to ensure a homogeneous mixture.

## PACKING:



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