



Root Dip or Drench

LALRISE MAX^{WP} **LALRISE START^{SC}**



USE TABLE

Crop	Product	Application Rate	Method
Fruit and nut tree orchards, and vineyards	LALRISE START SC	15 - 30 mL per 100 L of water	Root ball drench.
Fruit and Nut trees	LALRISE MAX WP	0.5-2.5 g/tree	For drenching transplants, apply directly onto roots or into planting hole.
Grapevines [new plantings]		0.1-0.25 g/plant	
Grapevines [established]		0.25-0.5 g/plant	

LALRISE START SC: Improves plant nutrient availability and root vigour, towards increasing root mass, crop homogeneity and yields.

LALRISE MAX WP: Connects to the root system and forms an extensive underground network of filaments, increasing plants' absorption capacity (water and nutrients) and abiotic stress tolerance (such as drought, salinity).

Soil drench application method

Using a slurry containing LALRISE START SC and LALRISE MAX WP to "water in" bare-root or potted plants can help support rapid establishment. This combination stimulates root development and promotes early plant growth, offering a practical and cost-efficient method to improve establishment and overall plant performance. Better early establishment promotes desirable plant architecture and structure [branches or canes], which in turn supports improved bud formation and higher yields in subsequent years.





Preparation of drench slurry:

- Determine how much slurry volume is being applied to each plant / hole at planting. Common volumes range from 2 to 5 L per plant, depending on planting system.
- Ensure that your water source is clean and chlorine free.

Mixing Rate:

- Use 15-30 mL of LALRISE START SC per 100 litres of clean, chlorine-free water.
- Use 0.1 to 2.5 g / plant of LALRISE MAX WP. From the use table determine the application rate [e.g. 1 g/tree].

Note: The reason for the range in rates is to allow for different planting densities.

Mixing Instructions for slurry:

1. Add LALRISE START SC gradually to water while stirring or agitating.
2. To determine how much LALRISE MAX WP is required determine the use rate from the table [e.g. 1 g/tree]. Determine the slurry volume per plant [e.g. 5 L/plant]. This means that 1g/5L is being applied, which will require 20 g/100L slurry tank. Add LALRISE MAX WP gradually to water while stirring or agitating. See table below for further examples of mixing rates for different application volumes.
3. Drench the base of the plant or inject slurry volume into planting hole.
4. Use the suspension immediately. Do not store for more than one day.
5. Keep solution agitated during use or remix before each application.

MIXING RATE EXAMPLES

Slurry volume applied as root drench per plant	Water volume in tank	LALRISE START SC per 100 L	LALRISE MAX WP per 100 L
2 L/plant	100 L	30 mL	50 g
3 L/plant	100 L	30 mL	33.3 g
5 L/plant	100 L	30 mL	20 g

Example of mixing rates for LALRISE START SC and LALRISE MAX WP when being applied as a root ball drench, using a 100 L total slurry volume and applying 2–5 L of slurry per plant.