

LALRISE

VITA



WETTABLE
POWDER

Improves plant nutrient
availability and plant growth

For agricultural, turf and
ornamental use

CONTAINS NON-PLANT FOOD INGREDIENTS:

Soil Amending Guaranteed Analysis

ACTIVE INGREDIENT

Bacillus velezensis NCIMB 30322 2 x 10⁹ CFU/g

INERT INGREDIENTS

99.91%..... Total Other Ingredients

Guaranteed by:

Danstar Ferment AG/
LALLEMAND PLANT CARE
Poststrasse 30
CH6300 ZUG
Switzerland
F003012

**Marketed and
distributed by:**

Lallemand Specialties Inc./
LALLEMAND PLANT CARE
6120 West Douglas Avenue
Milwaukee, WI 53218 USA
1-844-590-7781

SEE BACK LABEL FOR ADDITIONAL PRECAUTIONARY
STATEMENTS AND DIRECTIONS FOR USE

NET WEIGHT: 2 lb (0.91 kg)

9LF14PCRV-07/24

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LALLEMAND

LALRISE VITA

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

HOW IT WORKS

LALRISE® VITA is a wettable powder based on a plant growth promoting rhizobacteria (PGPR) that increases plant establishment through improved root vigour and nutrient availability. This PGPR solubilizes phosphorus from organic and inorganic sources.

APPLICATION DIRECTIONS

For Agricultural Use: Berries and Small Fruits: blackberry, blueberry, cranberry, currant, elderberry, grape (table and wine), gooseberry, huckleberry, kiwi fruit, loganberry, raspberry, strawberry, etc. **Cereals:** barley, buckwheat, canary seed, corn (silage and grain), durum wheat, millet, oats, quinoa, rye, sorghum, spelt, triticale, wheat, etc. **Citrus Fruits:** citrus hybrids, grapefruit, kumquat, lemon, lime, orange, pummelo, satsuma mandarin, etc. **Cucurbit Vegetables:** cucumber, cantaloupe, melon, gourds, pumpkin, squash, watermelon, winter squash, etc. **Fruiting Vegetables:** eggplant, pepper (bell, sweet and hot), okra, tomato, tomato, etc. **Herbs, Spices and Mints:** aniseed, basil, caraway, chives, dill, fennel, lavender, marjoram, oregano, parsley, rosemary, sage, savory, thyme, watercress, etc. **Leafy Vegetables, Cole Crops, and other Vegetables:** LEAFY VEGETABLES: arugula, bok choy, celery, endive, fennel, lettuce (head and leaf), napa cabbage, parsley, radicchio, rhubarb, spinach, swiss chard. COLE CROPS: broccoli, brown mustard, brussels sprouts, cabbage, cauliflower, Chinese cabbage collards, kale, kohlrabi, mustard greens, white mustard. OTHER: asparagus, etc. **Legumes (fresh and dry pulses):** alfalfa, beans, chick peas, lentils, lupin, peas, soybeans, etc. **Oilseeds:** borage, canola, crambe, evening primrose, flax, gold of pleasure, hemp, linseed, meadowfoam, mustard seed, poppy, pumpkin seed, safflower, sesame, sunflower, etc. **Pome Fruit:** apple, pear, quince, etc. **Roots and Tubers:** beet, potato, sugar beet, sweet potato, etc. **Stone Fruit:** apricot, cherry (sweet and tart), nectarine, peach, plum, prune, etc. **Tree Nuts:** almond, beech nut, brazil nut, butternut, cashew, chestnut, coconut, filberts, hickory nut, macadamia nut, pecan, pistachio, walnut, etc. **Tuber, Root and Bulb Crops:** artichoke, beet (garden and sugar), carrot, cassava, celeriac, chervil, chive, chicory, dasheen, garlic, ginger, ginseng, horseradish, Jerusalem artichoke, leek, onion, parsnip, potato, radish, rutabaga, salsify, shallot, sweet potato, turmeric, turnip, yam, etc. **Misc. crops:** globe artichoke, hemp, hops, mushrooms, tobacco and tropical crops such as acerola, avocado, banana, coffee, guava, mango, papaya, passion fruit, pineapple, plantain, starfruit, etc.

For Trees, Turf and Ornamentals: Indoor and Outdoor Trees, Shrub Seedlings, Nursery Crops: deciduous trees (maple, oak, etc.), coniferous trees (juniper, pine, spruce, etc.), forest trees, fruit trees, ornamentals, shrubs, urban trees, vine crops, woody ornamentals, etc.

Flowers, Bedding Plants, and Ornamentals: achillea, African violet, ageratum, alyssum, amaryllis, anemone, anthurium, aster, azalea, begonia, calceolaria, campanula, carnation, centaurea, cerastium, chrysanthemum, cineraria, coleus, cyclamen, daffodils, dahlia, daisy, delphinium, dianthus, dieffenbachia, freesia, fuchsia, gallardia, ganzania, geraniums, gerbera, gladiolus, gloxinia, gypsophila, hederia, hyacinth, impatiens, iris, kalanchoe, liatris, lilies, lobelia, marigolds, Matthiola, monarda, nigella, pansy, pelargonium, petunias, phlox, poinsettia, poppy, primrose, rhododendron, rose, rudbeckia, salvia, senecio, sinningia, statice, sweet pea, tulips, verbenas, vinca, zinnia, etc.

Turf: Lawns, turf grown for seed and sod, turf, golf courses, sod farms, etc.

APPLICATION METHODS

For best results, apply product under moist conditions (after a rain or irrigation) to soil or growth media, in the morning or late afternoon. Do not apply to dry soils or under high temperature conditions. Optimal application temperature is between 50 °F and 86 °F; 10 °C and 30 °C. Apply via low volume spray, drench or drip irrigation to soil or growth media.

Mixing instructions: Gradually mix **LALRISE® VITA** with water while agitating. Use immediately after preparing suspension. Continuously agitate while applying OR remix before each application. Do not keep suspension for longer than one day.

Compatibility: **LALRISE® VITA** can be tank mixed with most fertilizer solutions. Before mixing with pesticides, ask your supplier for compatibility advice.

APPLICATION TIMING

For Agricultural Uses: Annuals: 1–2 applications per crop, at monthly intervals, from planting to emergence or at transplanting. **Perennials:** 2–3 applications per crop, at monthly intervals.

For Trees, Turf and Ornamental Uses: Applications should be made when the buds first open in the spring. Repeat the treatments two or three times at monthly intervals. Fall applications can be made to boost the root system and ensure nutrient storage prior to dormancy.

APPLICATION RATES

For Seedling Trays: 0.65–1.65 oz. in 5 gal of water; of water (0.1–0.25% concentration of product in water). Drench to the point of wetness. Avoid run-off. Apply at monthly intervals. First application in seedling trays should only be after germination/root formation.

For Agricultural Uses:

- Low-volume spray: 1 lb/acre in 50–100 gal of water.
- Soil drench: 1 lb/acre. Include product towards end of drenching cycle to minimize product dilution. Apply to the point of wetness.
- Drip irrigation: Apply via irrigation systems with 1 lb/11 gal water (stock solution) or 1 lb/acre.

For Trees, Turf and Ornamental Uses:

- Low-volume spray: 1 lb/acre in 50–100 gal of water.
- Soil drench: 1 lb/acre. Include product towards end of drenching cycle to minimize product dilution. Apply to the point of wetness.
- Root ball drench: Pre-drench root ball with approximately 3 gal of water then apply 0.25–0.5 oz. in 1.5 gal of water.
- Soil injection probes: 0.25–0.5 oz. in up to 1 gal of water per tree. Injection sites should be evenly spaced under dripline of canopy.
- Drip irrigation: Apply via irrigation systems with 1 lb/11 gal water (stock solution) or 1 lb/acre.

	Ounces (oz) per plant	Gallons (gal) of water per plant	Number of applications
< 1 gallon pot	0.004–0.01	0.1–0.3	2–3 at monthly intervals
1–5 gallon pot	0.02–0.1	0.3–1	
7–15 gallon pot	0.1–0.2	1–3	
20–30 gallon pot	0.2–0.4	3–5	
Landscape trees	0.2–0.4	3–5	
Orchards; Nursery field bed	1 lb/acre	25–100	
Turf	1 lb/acre	50–100	

STORAGE AND HANDLING RECOMMENDATIONS

Store in a cool, dry location in the original, unopened packaging. Use before expiration date stated on the package. The expiration date is valid only for unopened bags stored under cool, dry conditions. Open packages must be resealed and kept under the same conditions for no more than six months. Do not expose to freezing or temperatures >95 °F (>35 °C). Unused product should be disposed of in accordance with applicable federal, provincial or state, and municipal laws and regulatory guidelines.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

The active ingredient in **LALRISE® VITA** is naturally occurring *Bacillus velezensis* NCIMB 30322 cells. Persons allergic to bacteria and immune-deficient individuals should avoid using this product. Avoid exposure through inhalation, or to open wounds and eyes. Standard protective clothing and equipment including gloves, safety goggles and a NIOSH (The National Institute for Occupational Safety and Health) or MSHA (the Mine Safety and Health Administration) approved respirators are recommended during handling and storage. Use this product in well-ventilated areas.

In case of contact with skin or eyes, immediately flush exposed areas with a continuous gentle stream of clean water. In case of inhalation, remove person to fresh air. In case of ingestion, do not induce vomiting but rinse mouth with water. Seek medical attention if discomfort or irritation develops. Medical treatment should be based on the judgment of the physician in response to the reaction of the patient.

LALRISE® is a registered trademark of Danstar Ferment AG / LALLEMAND PLANT CARE.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapco.org/metals.html>

LIMITED WARRANTY

Danstar Ferment AG / LALLEMAND PLANT CARE ("Danstar") warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Danstar. To the extent consistent with applicable law, Danstar shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. DANSTAR MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Made in Estonia



Batch No.: see printing on the bag

Expiration Date: see printing on the bag

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