LALRISE START SC

BIOFERTILIZER

+ MICROBIAL SOLUTION THAT PROVIDES EARLY CROP VIGOR AND MAXIMIZES NUTRIENT EFFICIENCY FOR HIGHER YIELDS

FOR AGRICULTURAL, TURF AND ORNAMENTAL USE



LIQUID

SOIL APPLICATION

NET CONTENTS:
80 fl oz (2.4L)

NET WEIGHT:
5.3 lb (2.4 kg)

READ ALL DIRECTIONS AND SHAKE WELL BEFORE USING THIS PRODUCT

SOIL AMENDING GUARANTEED ANALYSIS
ACTIVE INGREDIENT:
TOTAL MICROBE: *Bacillus velezensis* NCIMB 30322.....$2x10^{10}$ CFU/ml

MADE IN URUGUAY

7 640182 120887

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GUARANTEED BY:
Danstar Ferment AG /
Lallemand Plant Care
Poststrasse 30
CH-6300 Zug, Switzerland
F003012

MARKETED AND DISTRIBUTED BY:
Lallemand Specialities Inc. /
LALLEMAND PLANT CARE
6120 West Douglas Avenue
Milwaukee, WI 53218 USA
1-844-590-7781

Batch No & Expiration Date: See printing on the bag

REGISTERED cdfa ORGANIC INPUT MATERIAL

OMRI LISTED

SPECIMEN

LALRISE START SC

HOW IT WORKS

LALRISE® START SC is a liquid inoculant based on a plant growth promoting rhizobacteria (PGPR) that increases crop establishment through improved root vigor and nutrient availability. This PGPR solubilizes phosphorus from organic and inorganic sources.

APPLICATION RATES

CANOLA, CEREAL GRAINS (INCLUDING BARLEY, BUCKWHEAT, CORN, MILLET, OATS, RICE, RYE, SORGHUM, TEOSINTE, TRITICALE, AND WHEAT), COTTON, COVER CROPS, FORAGE CROPS, LEGUMES (FRESH AND DRY PULSES), OILSEEDS, PEANUTS, SOYBEANS:

On-seed application: 0.05–9 fl oz per 100 lb of seed. **Low-volume spray, side-dress, foliar or overhead spray:** 0.25–3.0 fl oz per acre. Mix in sufficient water to inject. **In-furrow drench:** 0.25–3.0 fl oz per acre. Mix in sufficient water to **inject. In-furrow spray:** 0.25–3.0 fl oz per acre. Mix in sufficient water to inject. **Banding:** 0.25–3.0 fl oz per acre. Mix in sufficient water to inject. **Irrigation:** Apply via irrigation systems 0.25–3.0fl .oz. per acre. Add to water mix (feeder tank) and then inject evenly into irrigation system to ensure sufficient distribution.

ONIONS, POTATOES (IRISH AND SWEET), SUGAR BEETS, OTHER TUBER, ROOTAND BULB CROPS

Low-volume spray, side-dress, foliar or overhead spray: 0.25–3.0 fl oz per acre. Mix in suffi cient water to inject. **In-furrow drench:** 2.0–3.0 fl oz per acre. Mix in sufficient water to inject. **In-furrow spray:** 2.0–3.0 fl oz per acre. Mix in suffi cient water to inject. **Banding:** 2.0–3.0 fl oz per acre. Mix in sufficient water to inject. **Irrigation:** Apply via irrigation systems 2.0–3.0 fl oz per acre. Add to water mix (feeder tank) and then inject evenly into irrigation system to ensure sufficient distribution.

FRUITS, VEGETABLES, NUTS, PLANTATIONS, TREES, TURF, HEMP, HOPS AND ORNAMENTALS

On-seed application: 3.0 fl oz–9 fl oz per 100 lb of seed. **Seedling trays:** 1.50–4.0 fl oz in 100 gallons of 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. **Low-volume spray, side-dress, foliar or overhead spray:** Mix 2.5–3.0 fl oz/ acre in sufficient water. **In-furrow drench:** Mix 2.5–3.0 fl oz per acre in sufficient water. **In-furrow spray:** Mix 2.5–3.0 fl oz per acre in sufficient water. **Soil drench:** Mix 2.5–3.0 fl oz per acre in sufficient water to inject. Include product towards end of drenching cycle to minimize product dilution. Apply to the point of wetness. **Root dip:** Apply 0.1–0.5 fl oz per 10 gallons of water. Mix well. Dip for 10–30 seconds. **Root ball drench:** Mix 0.25–1.5 fl oz into 25 gallons of water. Apply enough water to drench the root zone. **Soil injection probes:** 0.10 fl oz per 1.0 gal. of water. **Irrigation:** Apply via irrigation systems 2.5–3.0 fl oz per acre. Add to water mix (feeder tank) and then inject evenly into irrigation system to ensure suffi cient distribution. **Turf application:** Apply 2.5–3.0 fl oz per acre (43,560 sq. ft.) of turf. Use sufficient water to get to the root zone. Reapply as needed as every 3–6 weeks.

ADDITIONAL APPLICATION DIRECTIONS

For on-seed uses: Ensure seed treater has been properly calibrated. Store treated seed in cool, dry conditions. Plant inoculated seed within 24 monthswhen stored at room temperature, or 36 months at controlled temperature. Reinoculation with fresh product is recommended after this time frame. Some seed treatments may be harmful to inoculants. A compatibility test should be conducted prior to use with other seed treatments

For spray, side-dress, band, drench, dip, injection or irrigation uses: 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–86 °F (10 °C–30 °C).

Mixing instructions: Gradually mix LALRISE START SC 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 START SC can be tank-mixed with most fertilizer solutions. Before mixing with pesticides, ask your supplier for compatibility advice.

APPLICATION TIMING

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. **Trees, Turf and Ornamentals:** Applications should be made when the buds fi rst 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.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

The active ingredient in LALRISE START SC is naturally occurring Bacillus velezensis cells. Persons allergic to bacteria and immunedeficient 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 respirator are recommended during handling and storage. Use this product in wellventilated areas.

In case of contact with skin or eyes, immediately fl ush 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. Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.html

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 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.

LIMITED WARRANTY: 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 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. DANSTAR MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

SAMPLE

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