

RADIX-F

Actinomycete-based microbial fertiliser for Fusarium-wilt management programmes

A probiotic microbial fertiliser based on actinomycete-type organisms and positioned for integrated soil-health and Fusarium-wilt management programmes.

Catalogue reference: page 87 | Rev.05 professional technical presentation

What the product is designed to do

- Supports beneficial microbial activity and nutrient cycling in the root zone.
- Designed for crops exposed to Fusarium-wilt pressure as part of an integrated programme.
- Supports root development and competitive colonisation of the rhizosphere.
- May contribute enzymes, organic acids and biologically active metabolites associated with actinomycete activity.
- Can support soil fertility and resilience when combined with sanitation, resistant varieties and sound irrigation management.

Declared technical profile

Parameter	Specification
Living bacteria content	10/20 billion CFU/g (catalogue declaration)
Product fineness	60-100 mesh
Moisture	10% maximum

Physical form: Fine microbial powder

Batch-specific physical and analytical values are reported on the signed COA.

Recommended application programme

- Recommended for vegetables, flowers, ornamentals, fruits, citrus, grapes and tropical crops.
- Drip/root application: 2-3 kg/ha in 100-200 L water.
- Suggested timing: at transplanting; at fruit formation/flower fall; and approximately 30 days later, with one further repeat where necessary.
- Apply preventively or at early risk stages; do not present the product as a stand-alone cure for established vascular wilt.

Correct mixing and application

Do not mix with bactericides, broad-spectrum fungicides, copper products, chlorinated water or strongly acidic/alkaline inputs unless microbial compatibility is confirmed. Prepare fresh and apply promptly. Local registration may be required for disease-control claims.

- Use clean, calibrated equipment and suitable water.
- Follow the legal label of every tank-mix partner.
- Complete a jar test and, where relevant, a small-area crop-safety test.
- Apply uniformly at the correct crop stage and environmental conditions.

Commercial and operational value

- Clear technical positioning for distributors, agronomists and professional growers.
- Compatible with programme-based selling rather than single-input selling.
- Technical documentation set includes TDS, SDS draft, COA template and original catalogue reference.
- Packaging: 1 kg pack.

Compliance and responsible use

- Use only in accordance with destination-market law and approved labels.
- Biological/pesticidal claims may require local registration before sale or use.
- Catalogue claims must be aligned with final product formulation and regulatory dossier.
- Final commercial release requires local-language label, responsible-person details and regulatory sign-off.

CEON - Agricultural Plant Nutrition, Soil Management and Specialty Solutions