IRA Biotech

IRA INTERNATIONAL / EXPORT CATALOGUE

Ten microbial formulations, built for export markets.

The IRA International range from IRA Biotech, Hyderabad, India — the first Indian microbiology and biotechnology company to secure an official export license for microbial products in Australia. Every formulation is a water-soluble powder applied at 100 g per hectare.

FORMULATIONS	PHYSICAL FORM	pH RANGE	APPLICATION RATE
10	White powder, water soluble	5.5 – 8.5	100 g per hectare

HOW TO APPLY

Soil application or drip irrigation: dissolve 100 g in 700–1000 litres of water per hectare.
Foliar spray: 100 g in 500 litres of water per hectare.

THE RANGE

Formulation specifications

01 Biomagic-P

BIOLOGICAL PROTECTION AGAINST PESTS

Microbial biopesticide for managing sucking and chewing insect pests.

COMPOSITION

Bacillus subtilis 1% • Bacillus megaterium 1% • Dextrose 98%

Official brochure (PDF)
Product page

02 I-PHOS

PHOSPHORUS SOLUBILIZING BACTERIA

Converts insoluble phosphates into plant-available forms for enhanced nutrient uptake and crop productivity.

COMPOSITION

Bacillus megaterium 3% • Dextrose 97%

Official brochure (PDF)
Product page

03 IRA Biomagic-D

BIOLOGICAL PROTECTION AGAINST DISEASES

Microbial soil amendment with beneficial microorganisms for enhanced soil activity and plant health.

COMPOSITION

Pediococcus acidilactici 1.5% • Lactobacillus acidophilus 1.5% • Dextrose 97%

Official brochure (PDF)
Product page

04 IRA Complex NPK

MICROBIAL BIO-FERTILIZER CONSORTIUM

Beneficial nitrogen-fixing, phosphorus-solubilising and potassium-mobilising microorganisms.

COMPOSITION

Azospirillum 1% • Bacillus megaterium 1% • Bacillus subtilis 1% • Dextrose 97%

Official brochure (PDF)
Product page

05 IRA Monas

PSEUDOMONAS FLUORESCENS FOR HEALTHY SOIL

Protects plant root zones and suppresses harmful pathogens while enhancing nutrient availability.

COMPOSITION

Pseudomonas fluorescens 1% • Carboxymethyl cellulose 1% • Dextrose 98%

Official brochure (PDF)
Product page

06 IRA Potash

POTASSIUM MOBILIZING BIO-FORMULATION

Enriched with beneficial microbes that unlock soil-bound potassium.

COMPOSITION

Bacillus subtilis 3% • Dextrose 97%

Official brochure (PDF)
Product page

07 IRA Safe Root

BIOLOGICAL PROTECTION AGAINST NEMATODES

Biological product based on the fungus Paecilomyces lilacinus in lyophilised form.

COMPOSITION

Paecilomyces lilacinus 2% • Trichoderma viride 2% • Dextrose 96%

Official brochure (PDF)
Product page

08 IRA Tricho H

TRICHODERMA HARZIANUM FOR HIGHER YIELDS

Enhances root health and soil vitality through root-zone colonization, nutrient availability and balanced soil microflora.

COMPOSITION

Trichoderma harzianum 1% • Carboxy methyl cellulose 1% • Dextrose 98%

Official brochure (PDF)
Product page

09 IRA Tricho-V

TRICHODERMA VIRIDE FOR HEALTHY SOIL

Rhizosphere fungus that colonizes roots to form a protective microbial barrier against soil-borne pathogens.

COMPOSITION

Trichoderma viride 1% • Carboxy methyl cellulose 1% • Dextrose 98%

Official brochure (PDF)
Product page

10 IRA URI-H

NITROGEN FIXATION BACTERIA

Nitrogen-fixing bio-formulation using Azotobacter and Rhizobium to convert atmospheric nitrogen into plant-available forms.

COMPOSITION

Azotobacter 3% • Dextrose 97%

Official brochure (PDF)
Product page

Import or distributor enquiry?

Registration documents, samples and distributor conversations:
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Specifications compiled from the IRA Biotech website product pages for the IRA International category. Packaging sizes and pricing are not published there; please confirm with the IRA Biotech team.