

Technologies available at ICAR-IISR for Commercialization

Plant varieties

Black pepper

1. IISR Thevam
2. IISR Girimunda
3. IISR Shakthi
4. IISR Malabar Excel
5. IISR Chandra

Turmeric

1. IISR Prathibha
2. IISR Prabha
3. IISR Alleppey Supreme
4. IISR Kedaram
5. IISR Pragati

Ginger

1. IISR Varada
2. IISR Rejatha
3. IISR Mahima
4. IISR Vajra

Nutmeg

1. IISR Viswashree
2. IISR Keralashree

Small Cardamom

1. Appangala-1
2. Appangala-2
3. IISR-Avinash
4. IISR-Vijetha

Crops Specific Micronutrient Mixtures

1. A micronutrient composition for ginger and a process for its preparation (for soils with pH above seven) Patent No. 314133
2. A micronutrient composition for ginger and a process for its preparation (for soils with pH below seven) Patent No. 318672
3. A micronutrient composition for turmeric and a process for its preparation (for soils with pH above seven)
4. A micronutrient composition for turmeric and a process for its preparation (for soils with pH below seven) Patent No320502
5. A micronutrient composition for black pepper and a process for its preparation Patent No. 367654
6. A micronutrient composition for cardamom and a process for its preparation Patent Appn No1681/CHE/2015

**A novel method of storing and delivering PGPR/Microbes through Biocapsules
Patent No 361021**

A seed coating composition and a process for its preparation Patent No350698

Bioagents

1. *Trichoderma harzianum*, a biocontrol agent against *Phytophthora* foot rot-Talc formulation
2. *Pochonia chlamydosporia*, a biocontrol agent against nematodes- Talc formulation
3. *Pochonia chlamydosporia* a biocontrol agent against nematodes- liquid formulation
4. PGPR microbial consortium for growth promotion in black pepper
5. PGPR talc formulation for ginger
6. PGPR talc formation for seed spices

Food Processing

A spice mix as adjuvant in milk and milk products

Technologies developed at ICAR-IISR

Images



Turmeric-IISR Prathibha



Turmeric-IISR Prabha



Turmeric-IISR Alleppey Supreme



Turmeric-IISR Kedaram



Turmeric-IISR Pragati



Ginger-IISR Varada



Ginger-IISR Rejatha



Ginger-IISR Mahima



Black pepper-IISR Thevam



Black pepper-IISR Girimunda



Black pepper-IISR Shakthi



Black pepper-IISR Malabar Excel



Nutmeg- IISR Viswashree



Nutmeg- IISR Keralashree



Cardamom-Appangala 1



cardamom Appangala 2



Cardamom-IISR Avinash

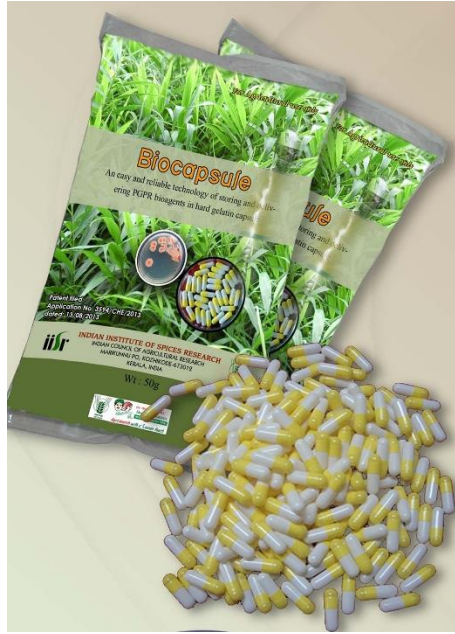


Cardamom-IISR Vijetha

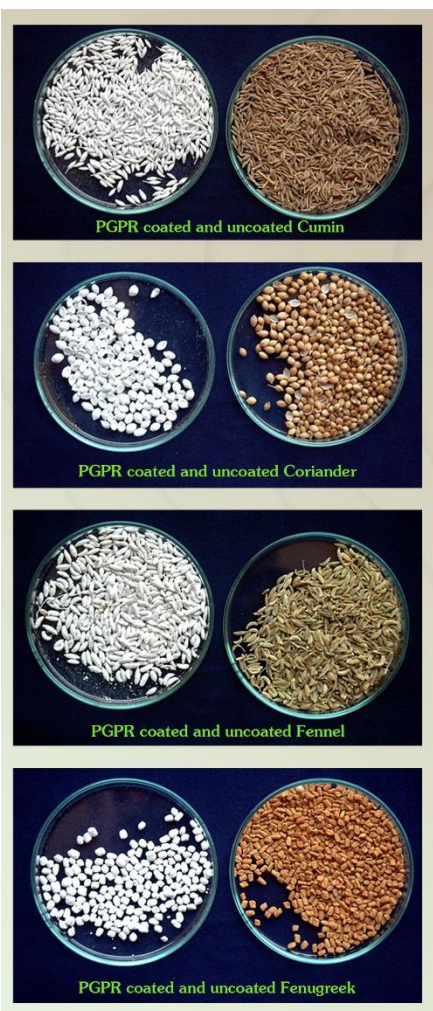
Crops Specific Micronutrient Mixtures



A novel method of storing and delivering PGPR/Microbes through Biocapsules



A seed coating composition and a process for its preparation



PGPR microbial consortium for growth promotion in black pepper



PGPR Talc formulation for ginger



Healthy planting material production-Protray



Rapid multiplication of disease free planting material in ginger-Plug trays



Rapid multiplication of disease free planting material in turmeric-Plug trays



Diagnostics for viruses infecting black pepper and cardamom

