

TECHNICAL APPLICATION PROTOCOL

Nurseries

Substrate · Seed · Planting Point · Foliar · Drench

Biological system for nursery establishment and development

The InnovaTech biological protocol for nurseries organizes 8 technical actions: substrate inoculation, dry seed inoculation, planting-point inoculation, four foliar applications and one drench application at the plant base after transplant.

Protocol summary

Step	Timing / stage	Method	Products
A	Before / substrate	Substrate	EC + Mycorrhiza
B	Seed	Dry powder	EC + Mycorrhiza
C	Planting point	Inoculation	EC + Mycorrhiza
D	10 days post-planting	Foliar	EC + Red Nutrient
E	25 days post-planting	Foliar	EC + Red Nutrient
F	40 days post-planting	Foliar	EC + Red Nutrient
G	60 days post-planting	Foliar	EC + Red Nutrient
H	25 days post-transplant	Drench at base	EC + Mycorrhiza

Total product quantity per protocol

Product	Code	Total quantity
Evolution Community	EC	400 g
Mycorrhiza	MYC	200 g

Mother solution

For steps A, C, D, E, F, G and H, prepare a mother solution in 10 liters of water with Evolution Community, then add the complementary product.

Powder seed inoculation

In step B, seed inoculation is performed with the product in powder form, without diluting it in water.

Tray hygiene

Wash the germination trays thoroughly with a water and hypochlorite solution before starting the process.

Application details A–D

A

Substrate inoculation

Timing: Before nursery establishment

Method: Apply to the substrate.

Products: 50 g Evolution Community + 50 g Mycorrhiza.

Preparation: Prepare a mother solution in 10 L of water with Evolution Community; after preparation, add the mycorrhiza.

B

Seed inoculation

Timing: Before planting

Method: Apply product in powder form, without diluting it in water.

Products: 50 g Evolution Community + 50 g Mycorrhiza.

Preparation: Mix the product powder with the seed to achieve uniform coverage before planting.

C

Planting-point inoculation

Timing: When establishing the seed or plant

Method: Apply in the planting point area.

Products: 50 g Evolution Community + 50 g Mycorrhiza.

Preparation: Prepare a mother solution in 10 L of water with Evolution Community; after preparation, add the mycorrhiza.

D

First foliar application

Timing: 10 days after planting

Method: Foliar application.

Products: 50 g Evolution Community + 50 g Red Nutrient.

Preparation: Prepare a mother solution in 10 L of water with Evolution Community; after preparation, add Red Nutrient.

Mixing order

In all mother solutions, prepare Evolution Community first in 10 liters of water. After preparation, add mycorrhiza or Red Nutrient as appropriate.

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Hygiene note

Before germinating the seed, wash the trays thoroughly with a water and hypochlorite solution.

Application details E–H

E

Second foliar application

Timing: 25 days after planting

Method: Foliar application.

Products: 50 g Evolution Community + 50 g Red Nutrient.

Preparation: Prepare a mother solution in 10 L of water with Evolution Community; after preparation, add Red Nutrient.

F

Third foliar application

Timing: 40 days after planting

Method: Foliar application.

Products: 50 g Evolution Community + 50 g Red Nutrient.

Preparation: Prepare a mother solution in 10 L of water with Evolution Community; after preparation, add Red Nutrient.

G

Fourth foliar application

Timing: 60 days after planting

Method: Foliar application.

Products: 50 g Evolution Community + 50 g Red Nutrient.

Preparation: Prepare a mother solution in 10 L of water with Evolution Community; after preparation, add Red Nutrient.

H

Post-transplant drench application

Timing: 25 days after crop transplant

Method: Drench at the plant base.

Products: 50 g Evolution Community + 50 g Mycorrhiza.

Preparation: Prepare a mother solution in 10 L of water with Evolution Community; after preparation, add the mycorrhiza.

Application recommendation

Adjust the final application volume according to plant size, tray type, substrate, available equipment and nursery conditions.

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Biological handling

Avoid prolonged exposure to direct sunlight. Keep solutions in a cool area and apply preferably during low UV radiation hours.