

TECHNICAL APPLICATION PROTOCOL

Stone Fruits / Drupes

Recommended dose per hectare and acre


Biological system for soil, roots and foliar growth

The InnovaTech biological combo for stone fruits / drupes includes 7 applications per cycle: one soil application for initial preparation, one optional foliar application during the 1st application if the tree has leaves, two additional soil applications and four foliar applications throughout crop development.

1	1	2 and 4	3, 5, 6-7
Soil preparation	Optional foliar	Soil applications	Foliar applications
Soil application by drench or another method.	Only if the tree has leaves.	Biological system reinforcement.	Foliar applications with Evolution Community and, when applicable, Nano Red Nutrient.

Total product quantity per cycle

Product	Code	Per hectare	Per acre
Evolution Community	EC	500 g	202 g
Ancient Root Community	ARC	500 g	202 g
Nano Red Nutrient	NRN	750 g	304 g

Application summary

Application	Timing	Products
1. Soil preparation	Before crop establishment	EC + ARC
1. Optional foliar	Only if the tree has leaves	EC + NRN
2. Soil application	10 days after the 1st application	EC
3. Foliar application	10 days after the 2nd application	EC + NRN
4. Soil application	10 days after the 3rd application	EC
5. Foliar application	10-15 days after the 4th application	EC + NRN
6. Foliar application	10-15 days after the 5th application	EC
7. Foliar application	10-15 days after the 6th application	EC

Chlorine-free water

Use chlorine-free water in all applications to protect microorganism viability.

Conversion

1 hectare = 2.47 acres. Per-acre doses are rounded to simplify field application.

Agronomic advice

Apply following best agricultural practices and adjust water volume according to equipment, location, climate and crop conditions. Listen to your field.

1st Application: Soil Preparation

Drench or other soil application method



Recommended timing

Apply during soil preparation, before crop establishment. Direct the application to the soil and ensure adequate moisture levels.

Products and dosage

Product	Code	Per hectare	Per acre
Evolution Community	EC	40 g	16 g
Ancient Root Community	ARC	500 g	202 g

Preparation and application

A) Prepare the EC solution

Mix 40 grams/hectare of EC in 1 liter of water. Wait at least 6 hours before adding the ARC solution to the EC solution. The indicated mixing window is 6 to 72 hours.

B) Prepare the ARC solution

Mix 500 grams/hectare of ARC with 1 liter of water. ARC should not be hydrated more than 24 hours before being mixed with EC and applied.

C) Mix just before applying

Mix the EC and ARC solutions, then dilute the complete solution in the water volume needed to cover one hectare. Do not let the EC + ARC mixture rest.

D) Application

Drench the soil with the appropriate equipment, directing the application directly to the soil. Ensure the soil maintains adequate moisture levels.



Important

Required water volume varies according to equipment, location and climate conditions. Consult a local agronomist or use the producer's best agricultural practices.

Microorganism handling

Microorganisms are sensitive to UV light. Prepare and store mother solutions in opaque containers and shaded areas; keep them in a cool, dry place; apply during periods of low UV radiation, preferably late in the afternoon.

1st Application: Optional Foliar

Only if the tree has leaves



Condition of use

The foliar part of the 1st application is performed only if there are leaves to spray. If there are no leaves, reserve the product for later applications.

Products and dosage

Product	Code	Per hectare	Per acre
Evolution Community	EC	40 g	16 g
Nano Red Nutrient	NRN	250 g	101 g

Preparation and application

A) Prepare the EC solution

Mix 40 grams/hectare of EC in 1 liter of water. You have a 6 to 72 hour interval to mix the EC solution with the NRN solution. Wait at least 6 hours before adding the NRN solution to the EC solution.

B) Prepare the NRN solution

Mix 250 grams/hectare of NRN with 1 liter of water.

C) Mix just before foliar application

Dilute the EC and NRN mixture in chlorine-free water as needed to ensure uniform foliage coverage per hectare, and apply as soon as possible. Do not allow the mixture to rest.

D) Foliar application

Apply the solution to the foliage with the appropriate equipment (sprayer, drone, tractor, etc.) suitable for foliar applications.



Important

Required water volume varies according to equipment, location and climate conditions. Consult a local agronomist or use the producer's best agricultural practices.

Microorganism handling

Microorganisms are sensitive to UV light. Prepare and store mother solutions in opaque containers and shaded areas; keep them in a cool, dry place; apply during periods of low UV radiation, preferably late in the afternoon.

2nd Application: 10 Days After the First Application

Soil application

Recommended timing

Apply 10 days after the first application, directing the application directly to the soil and ensuring adequate moisture levels.

Products and dosage

Product	Code	Per hectare	Per acre
Evolution Community	EC	70 g	28 g

Preparation and application

A) Prepare the EC solution

Mix 70 grams/hectare of EC in 1 liter of water. Wait at least 6 hours and up to a maximum of 72 hours before applying.

B) Soil application

Drench the soil with the appropriate equipment, directing the application directly to the soil. Ensure the soil maintains adequate moisture levels.



Important

Required water volume varies according to equipment, location and climate conditions. Consult a local agronomist or use the producer's best agricultural practices.

Microorganism handling

Microorganisms are sensitive to UV light. Prepare and store mother solutions in opaque containers and shaded areas; keep them in a cool, dry place; apply during periods of low UV radiation, preferably late in the afternoon.

3rd Application: 10 Days After the Second Application

Foliar application

Recommended timing

Apply 10 days after the second application to reinforce crop growth and foliar response.

Products and dosage

Product	Code	Per hectare	Per acre
Evolution Community	EC	70 g	28 g
Nano Red Nutrient	NRN	250 g	101 g

Preparation and application

A) Prepare the EC solution

Mix 70 grams/hectare of EC in 1 liter of water. You have a 6 to 72 hour interval to mix the EC solution with the NRN solution. Wait at least 6 hours before adding the NRN solution to the EC solution.

B) Prepare the NRN solution

Mix 250 grams/hectare of NRN with 1 liter of water.

C) Mix just before foliar application

Dilute the EC and NRN mixture in chlorine-free water as needed to ensure uniform foliage coverage per hectare, and apply as soon as possible. Do not allow the mixture to rest.

D) Foliar application

Apply the solution to the foliage with the appropriate equipment (sprayer, drone, tractor, etc.) suitable for foliar applications.



Important

Required water volume varies according to equipment, location and climate conditions. Consult a local agronomist or use the producer's best agricultural practices.

Microorganism handling

Microorganisms are sensitive to UV light. Prepare and store mother solutions in opaque containers and shaded areas; keep them in a cool, dry place; apply during periods of low UV radiation, preferably late in the afternoon.

4th Application: 10 Days After the Third Application

Soil application

Recommended timing

Apply 10 days after the third application, directing the application to the soil and maintaining adequate moisture levels.

Products and dosage

Product	Code	Per hectare	Per acre
Evolution Community	EC	70 g	28 g

Preparation and application

A) Prepare the EC solution

Mix 70 grams/hectare of EC in 1 liter of water. Wait at least 6 hours and up to a maximum of 72 hours before applying.

B) Application

Drench the soil with the appropriate equipment, directing the application directly to the soil. Ensure the soil maintains adequate moisture levels.



Important

Required water volume varies according to equipment, location and climate conditions. Consult a local agronomist or use the producer's best agricultural practices.

Microorganism handling

Microorganisms are sensitive to UV light. Prepare and store mother solutions in opaque containers and shaded areas; keep them in a cool, dry place; apply during periods of low UV radiation, preferably late in the afternoon.

5th Application: 10-15 Days After the 4th Application

Foliar application

Recommended timing

Apply 10-15 days after the fourth application to continue biological foliar support for the crop.

Products and dosage

Product	Code	Per hectare	Per acre
Evolution Community	EC	70 g	28 g
Nano Red Nutrient	NRN	250 g	101 g

Preparation and application

A) Prepare the EC solution

Mix 70 grams/hectare of EC in 1 liter of water. You have a 6 to 72 hour interval to mix the EC solution with the NRN solution. Wait at least 6 hours before adding the NRN solution to the EC solution.

B) Prepare the NRN solution

Mix 250 grams/hectare of NRN with 1 liter of water.

C) Mix just before foliar application

Dilute the EC and NRN mixture in chlorine-free water as needed to ensure uniform foliage coverage per hectare, and apply as soon as possible. Do not allow the mixture to rest.

D) Foliar application

Apply the solution to the foliage with the appropriate equipment (sprayer, drone, tractor, etc.) suitable for foliar applications.



Important

Required water volume varies according to equipment, location and climate conditions. Consult a local agronomist or use the producer's best agricultural practices.

Microorganism handling

Microorganisms are sensitive to UV light. Prepare and store mother solutions in opaque containers and shaded areas; keep them in a cool, dry place; apply during periods of low UV radiation, preferably late in the afternoon.

6th and 7th Applications

10-15 days after the 5th application and 10-15 days after the 6th application, respectively.

Recommended timing

These two final applications are performed as foliar applications to maintain biological support for the crop during the final stage of the protocol.

Products and dosage

Product	Code	Per hectare	Per acre
Evolution Community	EC	70 g	28 g

Preparation and application

A) Prepare the EC solution

Mix 70 grams/hectare of EC in 1 liter of water. Wait at least 6 hours and up to a maximum of 72 hours before applying.

B) Foliar application

Apply the solution to the foliage with the appropriate equipment (sprayer, drone, tractor, etc.) suitable for foliar applications.



Important

Required water volume varies according to equipment, location and climate conditions. Consult a local agronomist or use the producer's best agricultural practices.

Microorganism handling

Microorganisms are sensitive to UV light. Prepare and store mother solutions in opaque containers and shaded areas; keep them in a cool, dry place; apply during periods of low UV radiation, preferably late in the afternoon.