



ECOFLORA

ECOFLORA is a complete microbial amendment (bacteria and fungi) that is registered in the USA by the Organic Materials Review Institute (OMRI) and The California Department of Food and Agriculture (CDFA) for use in the production of organic food and fiber.

ECOFLORA is available as a dry powder 100% soluble in water.

Strain composition

<i>Bacillus amyloliquefaciens</i>	80 million CFU/gr.
<i>Bacillus azotoformans</i>	80 million CFU/gr.
<i>Bacillus coagulans</i>	80 million CFU/gr.
<i>Bacillus firmus</i>	80 million CFU/gr.
<i>Bacillus licheniformis</i>	80 million CFU/gr.
<i>Bacillus megaterium</i>	80 million CFU/gr.
<i>Bacillus pumilus</i>	80 million CFU/gr.
<i>Bacillus subtilis</i>	80 million CFU/gr.
<i>Paenibacillus durum</i>	80 million CFU/gr.
<i>Paenibacillus polymyxa</i>	80 million CFU/gr.
<i>Pseudomonas aurofaciens</i>	16 million CFU/gr.
<i>Pseudomonas fluorescens</i>	16 million CFU/gr.
<i>Pseudomonas putida</i>	16 million CFU/gr.
<i>Streptomyces coelicolor</i>	16 million CFU/gr.
<i>Streptomyces griseus</i>	16 million CFU/gr.
<i>Streptomyces lydicus</i>	16 million CFU/gr.
<i>Trichoderma hamatum</i>	16 million CFU/gr.
<i>Trichoderma harzianum</i>	16 million CFU/gr.
<i>Trichoderma reesei</i>	16 million CFU/gr.

Total counts of microbes: 9.8×10^8 CFU/gr.

Application

ECOFLORA should be applied at moments when the plant has the highest nutrient requirements, such as at planting time, before flowering and during fruit formation. However, continuous applications during the growth cycle have proven most effective.

Dose Rates

Growing Media Amendment

Incorporate 2 to 4 oz of ECOFLORA per cubic yard of growing media (68-135 gr/m³).

Nursery

Apply ECOFLORA weekly or every two weeks at a rate of 1.8 oz per 100 square yards (0.61 gr/m²). For spray or drench applications, dissolve 13 ounces of ECOFLORA in 100 gallons of water (368 gr/ 378.5 liters). Apply foliar or edaphic.

Ornamentals, Row Crops

Apply ECOFLORA to soil and foliage at a rate of 5 to 16 oz per acre (350 to 1120 gr/ha) every 4 to 6 weeks. For strawberries apply a dose rate of 3 to 4 oz per acre (210 – 280 gr/ha) every week. For grapes apply a dose rate of 2 to 3 oz per acre (140 to 210 gr/ha) per week. Foliar application over the fruits at a 1:5,000 to 1:10,000 dilution will protect them from fungal diseases.

Alternatively, apply product at planting or 3 leaves stage, pre-florescence and pre-fruit formation at a rate of 5 to 16 oz per acre (350 to 1120 gr/ha).

Fruit and nut trees

Apply ECOFLORA to soil at a rate of 4 to 6 oz per acre (280 to 420 gr/ha) every month. Apply ECOFLORA to foliage at a dilution of 1:5,000 to 1:10,000 prior to flowering and fruit formation.

In case of disease apply ECOFLORA every week at a dilution of 1:5,000 to 1:10,000. Apply to foliage and/or soil according to the origin of the disease.

Grains

Apply ECOFLORA to soil and foliage at a rate of 4 to 7 oz per acre (280 to 490 gr/ha) at emergence and pre-florescence.

Flowers

Apply ECOFLORA every two weeks at a rate of 8 – 12 oz per acre (560 – 840 gr/ha) for intensive flower production, and half this dose for lower density production.

Golf courses

Dissolve ECOFLORA in water and apply at a rate of 0.44 oz per 100 square yards (15 gr/100 m²) of greens or tees, and 0.2 oz per 100 square yards (6.8 gr/100 m²) of fairways. Apply the product monthly.

If bacterial or fungal disease is evident increase the dose rate to 0.88 oz per 100 square yards (30 gr/100 m²), and apply the product every two weeks.

Hydroponic systems

Dissolve monthly 1/4 oz of ECOFLORA for every 55 gallons of water in the culture system (3.4 gr/ 100L).

Recommendations

Flush irrigation systems and sprayers with plenty of water from any pesticide residue before applying ECOFLORA. Avoid applying pesticides one week before and one week after applying ECOFLORA.

For best results apply foliar applications early in the morning or late in the afternoon. Keep product dry in an airtight container. Avoid prolonged exposure to direct sunlight.