

APPLICATION INSTRUCTIONS

Designed to work in hydroponics, soil, and soilless mediums

- 1 GRAM = ¼ TEASPOON
- The microbial strains in Soil Balance do not require supplemental food sources. For faster results, however, you may add sea mineral, water soluble humic acid with fulvic, compost tea, molasses, or any other carbon source.
- Apply close to the plant stem and water in as deep as the roots go so that it makes contact.
- Do not tank mix with any synthetic products.
- Wait 2 days after inoculating with Soil Balance to apply fungicides, nematicides, herbicides and insecticides.
- Systemic fungicides and fumigants are not recommended to be used with Soil Balance as they will render the microbes ineffective. Use only if absolutely necessary, contact fungicides only should be used.
- Biocides will kill all the microbes off the roots, so their use is not recommended. If it is unavoidable, reapply Soil Balance to plant roots after the biocide efficacy has dissipated.

QUICK START

Add 1g into a 5 gallon bucket of water. Stir in vortex for several minutes. Fully saturate as many pots as the 5 gallons of water will moisten. Keep moist for 5 days.

PROPAGATION/SEEDING & CLONE STAGE

Mix well 0.1 – 0.2 grams of water or rooting solution. Dip or drench weekly as necessary. Adjust pH prior to adding Soil Balance.

OPEN FIELD/DRIP, PIVOT, FLOOD

3 applications of 100 grams each, per acre, is recommended for best results, with a minimum of 2 applications. First 100 gram application should be made post emergence, or at time of transplant. Second application should be made 3-4 weeks after first application. Third application should be made 3-4 weeks after second or timed halfway between second application and projected time of harvest. **Additional applications can be implemented.**

GROWTH PHASE	SOIL
Propagation	1g per 10 gallons
Veg	100g per acre
Early Bloom	100g per acre
Mid Bloom	100g per acre

SOIL/COCO/POTTED PLANTS

Apply **1 to 2 grams per 10 gallons** of water. Mix in vortex and/or use bubbler or mixer for 7 to 15 minutes. Mixing thoroughly is important. Stir biodynamically (if applicable). Apply water solution to the base of the plant stem. The microbe water solution should touch the plant roots to begin colonization, drip systems will work. After every application keep entire root system and or soil moist for 3 to 4 days to ensure proper growth of microbe strains. Can be applied every week if budgets allow and a minimum of 5 times per cycle.

HYDROPONICS

Apply **1 to 2 grams per 10 gallons** of water. Mix in vortex and/or use bubbler or mixer for 7 to 15 minutes. Mixing thoroughly is important. Pour into main water vessel.

GROWTH PHASE	SOIL/COCO/POTTED/HYDRO
Propagation	1-2g per 10 gallons
Veg	1-2g per 10 gallons
Bloom	1-2g per 10 gallons