

Our Bio-Start consists of two powerful products used in conjunction with one another. →

Bio-Start Part 1 – Microbial Inoculant

Bio-Start Part 2 – Fungal Inoculant

CONCENTRATE INSTRUCTIONS

The following amount of Bio-Start Concentrate will treat about 10 pounds of seeds. Mix a fraction of below to treat smaller amount of seeds or transplants. Mix only what can be used in 24 hours. Store mix in cool dark place.

Ingredients:

- 1 Gallon Jug (with a lid) or Sprayer
- ½ Cup – Bio-Start Part 1 (liquid)
- 1 Cup – Bio-Start Part 2 (powder)
- 1 Gallon - Water

Directions:

1. Half fill a 1 gallon jug with water
2. Add Bio-Start Part 1 (liquid)
3. Add Bio-Start Part 2 (powder)
4. Put cap on and shake vigorously until all powder is dissolved
5. Fill rest of the jug with water
6. Shake often when spraying
7. Use ASAP

SEED TREATMENT:

1. Use full strength Concentrate (made above)
2. Use hand-held sprayer shake sprayer often
3. Place seed on tarp or in a tray 2-3 seeds deep, out of the sun
4. Spray seed until damp & stir seeds
5. Shake sprayer
6. Repeat spray until damp & stir seeds
7. Repeat spray until water begins to pool & stir seeds
8. Spread seed out. Drain off any pooling water
9. Let dry at room temperature out of sun and at a low humidity
10. Stir seed occasionally seed should completely dry in 2-3 hours
11. Germinate seeds as you normally would

TRANSPLANTING from clones to small pots, small pots to larger pots, or into ground

1. 8 oz. of Bio-Start Concentrate + 1 gallon of water
2. Saturate plants in pots for 24 hours prior to transplanting
3. Make next watering minimal so as to not wash inoculant past the root zone

CLONE TREATMENT:

1. Use ¼ cup Bio-Start Concentrate to 1 gallon water
2. Drench individual plants or entire flood table on the second watering of the first day of new cuttings
3. Soak 24 hours. (Drained water can be used, perhaps added to nutrient feed of older plants.)
4. Use pH adjusted watering with next waterings
5. Only one treatment at the pre-root stage is needed
6. Repeat at transplant stage

DRIP IRRIGATION TREATMENT:

1. 1 gallon of Bio-Start Concentrate + 1200 gallons of water or other amount of water necessary to reach all drippers on one acre
2. Pre-water seeds or plants heavily
3. Use mixing tank or injection
4. Repeat treatment for best effect
5. Use at seeding or at young sprouts stage

LARGER SCALE RATIO (below) will treat any one of the applications to the right.

- Bio-Start Part 1 - 1 Quart
- Bio-Start Part 2 - 2 Pounds
- 80 pounds of seed
- 4 to 6 acres of drip irrigated field
- 60,000 clones
- 25,000 transplants in 3x3 pots