



**Guaranteed Analysis:**

**Soluble Potash (K<sub>2</sub>O)**.....0.5%  
**Derived from:** Molasses

**Non-Plant Food Ingredients**

**Active Ingredients:**

Azotobacter vinelandii  
 300,000 CFU/ml. minimum  
 Clostridium pasteurianum  
 300,000 CFU/ml. minimum

**Other Ingredients:**

Water and Molasses

**1 Jug:** 2.5 gal (9.46 liters)  
 Net Weight 21.7 lbs (9.84 kgs)

**1 Case:** 5 gal (18.92 liters)  
 Net Weight 43.40 lbs (19.69 kgs)

**1 Tote:** 264 gal (999.35 liters)  
 Net Weight 2,291.52 lbs (1,039.42 kgs).



Branch Creek Organics, LLC®  
 888.408.5433



Branch Creek's Colony Complete contains a unique, complex and multifunctional beneficial bacteria to support a healthy soil microbiome. The 11 strains of Anerobic and Aerobic bacteria consisting of 22 different varieties have been formulated to deliver high quality results at an affordable price.

**Soils with robust beneficial microbes enhances the plants**

- ✓ Nutrient Uptake
- ✓ Stress Resistance
- ✓ Health and Vigor

**Processes performed by Colony Complete:**

- ✓ Increase of nutrient availability allowing for a reduction in the amount of fertilizer used in your program.
- ✓ Organic matter breakdown acts as a natural thatch reducer.
- ✓ Degradation of toxic substances. Pulls pollutants out of the air, digests them, releasing them back into the soil as harmless organic matter.
- ✓ Development and prevention of plant disease. Good soil micro-organisms eat bad fungus causing soil micro-organisms. Also the soil can hold only so many micro-organisms so they also just crowd out the bad ones.
- ✓ Formation of soil aggregates. The bacteria help produce cellulose. This is a natural glue that help accumulate Organic Matter. A 1% increase in Organic Matter increases the soils watering holding capacity by 25,000 gallons per acre. Imagine how you can reduce your watering bill.
- ✓ Beneficial associations with plants allowing beneficial bacteria to communicate with the plant and trigger enzyme releases. This process tells the plant to develop roots, absorb nutrients and even prepare for a fungus trying to invade.
- ✓ Increases the rigidity of and structure of cell walls increasing both drought tolerance + disease tolerance. Thicker cell walls mean less moisture is lost to evaporation. The thicker the cell wall the harder it is for a disease to penetrate into the plant.

**Colony Complete** is produced by a fermentation process utilizing a consortium of microbes that promotes a highly productive microbial system in the soil.

**Colony Complete** can be used in conjunction with fertilizer to promote the absorption of nitrogen and critical minerals in order to increase the level of bioavailable nutrients to the root system.

**Colony Complete** provides several unique advantages including, industry leading shelf-life stability and efficacy across many soil and environments.

**Application Rates** SHAKE / AGITATE before use.

Apply during growing season when soil temperatures are above 45 degrees  
 Mix with water at no less than 1 quart per 1000 sq. ft. or 11 gallons per acre.

**Turf (Golf) Tees and Greens:**

- Initial Application: 2 oz. per 1,000 sqft (2.75 quarts acre)
- Maintenance: 1 oz. per 1,000 sqft (1.4 quarts acre) every 21-30 days

**Turf (Residential, Commercial + Fairways):**

- Initial Application: 1.5 oz. per 1,000 sqft (2.0 quarts acre)
- Maintenance: .75 oz. per 1,000 sqft (1 quart acre) every 30-45 days

**Ornamentals New Installation:**

- Initial Application: 1 gallon per 200 gallons of water. Drench soil to saturation or 1 gallon of finished product per 1 inch DBH.
- Follow Up Application: (4-6 weeks after initial) ½ gallon per 200 gallons water. Drench soil to saturation or 1 gallon of finished product per 1 inch DBH. Spring and fall applications.

**Ornamental Maintenance Program:**

- Mix ½ gallon of Colony Complete per 200 gallons water. Drench soil to saturation or 1 gallon of finished product per 1 inch DBH. Spring and fall applications.
- Tank mix with 16-3-3 Arbor Flo at desired fertilizer rate for added effectiveness.

**Agriculture:**

- Apply a total of 10 liters per hectare / 1 gallon per acre of concentrate.
- Apply 20% of the total season's product use at the start of the growing season.
- Apply remaining product evenly in 2 week intervals.
- Water thoroughly after applying solution to soil.

**In depleted or sandy soils with low CEC we recommend pairing Colony Complete with Paleo Humic Acid.**