

# PRECISION ORGANICS™

## C20™ Soil Amendment for Turf, Trees and Shrubs

### Soil Builder for Root Development and Foliar Health

#### Ingredients:

Grain Products.....97.0%  
Grain by-products includes: Soybean hulls, wheat middlings, and rice hulls.

#### Inert Ingredients:

Binding Agents.....3.0%

#### Application Directions for Turf

1. Apply C20 using standard turf application equipment. See spreader settings below.

#### Turf Application Rates for C20

**Seasonal Maintenance Rate**                      **5 – 10 lbs. per 1,000 sq. ft.**

- Spring and / or fall application
- Increase microbial activity / reduce thatch
- Enhance root development
- Ideal for use when aerating or seeding

**Lawn Rejuvenation Rate**                      **10 – 20 lbs. per 1,000 sq. ft.**

- Soil building
  - Reduce soil bulk density
  - Loosen soil for root penetration and access to air, water and nutrients
- Use in place of spring aeration where pre-emergent crabgrass controls are used
- Ideal for fall aeration and over-seeding
- Reduce thatch

**Soil Remediation Rate**                      **20 – 40 lbs. per 1,000 sq. ft.**

- Season long effect on soil due to enhanced microbial activity

**New Sod Rate**                      **5 – 10 lbs. per 1,000 sq. ft.**

- Spread C20 on soil before laying the sod.
- Increases microbial activity – enhances turf-rooting environment.

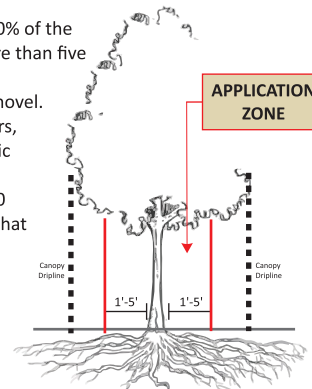
#### Spreader Setting Guidelines for C20

Spreader	5 lbs. of C20 per 1,000 sq. ft.	10 lbs. of C20 per 1,000 sq. ft.	Notes:
LESCO	30 – 1 pass	30 – 2 passes	
Earthway	28 – 1 pass	28 – 2 passes	Remove screen
Turfco T3000	8.5 – 1 pass	8.8 – 1 pass	Remove screen

\*Note: Actual spread rate can vary based on speed traveled, width of spread pattern and mechanical differences in equipment settings. Individual spreaders should be calibrated in order to insure accuracy.

#### Application Directions for Trees

1. Measure a ring around the tree up to 50% of the canopy diameter of the tree but no more than five feet out from the base of the tree.
2. Clear the marked area using a rake or shovel. Remove all plastic or fabric weed barriers, decorative rock, or sod. Do not use fabric or plastic weed barriers.
3. Apply the recommended amount of C20 to the surface area of the ring. Be sure that C20 is in contact with the soil surface.
4. Rake the C20 to level.
5. Cover the treated area with wood mulch to a depth of 2-3 inches or with soil to a depth of 1 inch.
6. Irrigate the treatment area after application to initiate microbial activity.



#### Tree Application Rates for C20

Ring Radius	Sq. Ft. per Ring	Amount of C20 to Apply For Established Trees (4" DBH or Larger)	Amount of C20 to Apply For Young Trees (3" DBH or Less)
6"	0.78 sq. ft.	1 lb.	0.5 lbs.
1 foot	3.1 sq. ft.	3 lbs.	2 lbs.
18"	7.0 sq. ft.	7 lbs.	5 lbs.
2 foot	12.5 sq. ft.	12 lbs.	10 lbs.
3 foot	28.3 sq. ft.	30 lbs.	20 lbs.
4 foot	50.2 sq. ft.	50 lbs.	–
5 foot	78.5 sq. ft.	80 lbs.	–

#### Application Directions for Stressed Trees and Shrubs

1. If the tree, shrub or plant is significantly stressed, find and remove cause of stress first.
2. **Applications Directions:** Same as above.
3. **Application Rates:** Apply at ½ rate.

#### Application Directions for Flower and Vegetable Gardens

Apply C20 directly to the soil. Rake into the top 1 or 2 inches of soil.

#### Broadcast Rate:

- 2 lbs. of C20 per 100 sq. ft.
- 20 lbs. of C20 per 1,000 sq. ft.

#### Base of the Plant Rate:

- 5 Tbsp. of C20 per sq. ft.
- 1 Tbsp. of C20 per 4' pot

#### Application Directions for Shrubs and Woody Ornamental Landscape Beds

When possible, rake back mulch and apply C20 to be in contact with the soil. If the mulch has broken down, apply C20 over the top, and then add new mulch.

#### Broadcast Rate:

- 2 lbs. of C20 per 100 sq. ft.
- 20 lbs. of C20 per 1,000 sq. ft.

#### CAUTIONS FOR TREES AND SHRUBS

- **Do not over apply C20.** Follow prescribed rates carefully. Over application can lead to tree, shrub or plant damage.
- **If the tree, shrub or plant is significantly stressed,** resolve the cause of the stress first and then apply C20 at ½ rate.
- **Do not apply C20 in continuously saturated soils.**
- **Do not treat plants that are already dead or dying.**
- **Do not cover a C20 treated area with impervious barriers such as water bags and / or landscape fabrics.** Remove landscape fabrics and then treat with C20. When using water bags, apply C20 outside the water bag perimeter. Do not treat with C20 under the water bag.



**NET WEIGHT 40 LBS. PER BAG**