

PRECISION ORGANICS™

USE FOR MICROBIAL AERATION™ • CARBON REPLENISHMENT™

Ingredients:

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

Inert Ingredients:

Binding Agents.....3.0%

DIRECTIONS FOR USE:

Application Directions for Turf

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

Turf Application Rates for C20

Seasonal Maintenance Rate: 10 lbs. per 1,000 sq. ft.

- Use in spring and/or fall to reduce soil bulk density
- Use for microbial aeration as an alternative to mechanical aeration
- Use microbial aeration in the spring where pre-emergent weed controls are being applied
- Increase microbial activity
- Enhance root development
- Ideal for use when seeding

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

- Season long effect on soil due to enhanced microbial activity

Lawn Rejuvenation Rate: 20 lbs. per 1,000 sq. ft.

- Soil building
 - Use for microbial aeration of severely compacted soils
 - Decompress soil for root penetration, air and moisture percolation and nutrient availability
- Increase microbial population and improve the mineralization of soil nutrients
- Reduce thatch

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	8.0 – 1 pass	8.0 – 2 passes	Spinner speed - wide @ trim speed
Scotts DLX	8.5 - 1 pass	8.5 - 2 passes	–
Chapin #82400	#10	#12	20 lbs @ #18

*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.

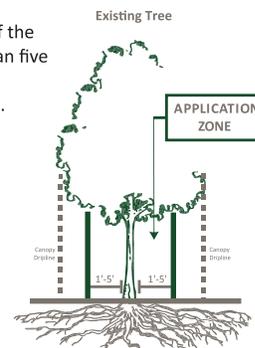
C20™

SOIL BUILDER

FOR TREES, SHRUBS AND TURF
CONCENTRATED FOOD SOURCE FOR SOIL MICROBES

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	Amount of C20 to Apply
6"	0.78 sq. ft.	1 lb.	0.5 lbs.
18"	7.0 sq. ft.	7 lbs.	5 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

- Determine the cause of decline
- Once the cause of decline is addressed
 - Apply C20 at ½ rate on trees and shrubs with terminal die back, leaf loss, and/or leaf wilt.
 - Treat chlorotic trees for micronutrient deficiencies and the standard rate.

Application Directions for Carbon Replenishment™ of Trees and Landscape Beds

When possible, and where mulch beds exist in the landscape, rake back the mulch, and apply C20 to the soil surface. If the mulch has significantly decomposed, apply C20 over the top and add new mulch.

Broadcast Rate:

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

Application Directions for Flower and Vegetable Gardens

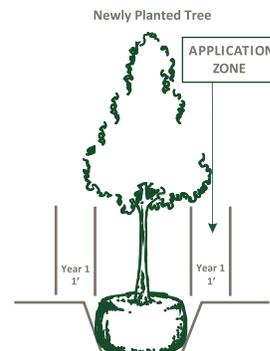
Apply C20 directly to the soil. Rake into the top 1 or 2 inches of soil.

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



CAUTION FOR TREES AND SHRUBS

- Do not over apply C20. Follow prescribed rates carefully. Over application can lead to tree, shrub or plant damage.
- Do not apply C20 in continuously saturated soils.
- Do not treat plants that are already dead or dying. If tree, shrub, or plant is significantly stressed (exhibiting terminal die back, leaf drop, or wilting leaves), but not dead or dying, resolve the cause of the stress before applying C20 at 1/2 rate.
- 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.

