

ABC ENVIRONMENTAL LLC

ABC 500

COMPOST ACCELERATOR

PRODUCT BULLETIN

ABC-500 is a high potency, bacteria, fungi and synergistic anaerobes which are for use in degrading many types of compost waste. ABC-500 attacks the raw materials in a compost pile and converts it into stable, odorless humus.. Because of the diversity of the microorganisms and enzyme systems, this product is excellent for accelerated composting degradation. The safe, naturally occurring bacteria and enzyme systems are present in high numbers to handle difficult composting problems which reduces odors and stabilizes/reduces organic compost.

APPLICATIONS

SLUDGE COMPOSTING

PILE COMPOSTING

SHEET MULCHING

Sludge Compost: Start-up dosage: Sprinkle one pound of ABC 500 on each 500 pounds of material to be treated. Aerate or turn compost pile. Adjust moisture content so that the mixed materials feel moist and springy, but does not remain in a compact ball when squeezed. Continue dosage with 1lb per 2000lb of material to be treated every 7-14 days.

Pile Composting: Start-up dosage: Make a slurry of one pound of ABC 500 and water for every 500 pounds of compost. For fast composting, turn the pile every other day for a week to ten days.

Sheet Mulching: Mix the mulch in the soil lightly and add one pound of ABC 500 in water for each 500 pounds of mulch. Sprinkle evenly over the soil and allow it to stand for several weeks before planting.

ADVANTAGES

- Eliminates malodors at their source
- Enhances COD/BOD removal
- Cost effective/Easy to use
- Increases settling
- Environmental friendly
- Changes biomass dynamics
- Contains facultative anaerobes
- Composting time is greatly enhanced

PACKAGING

“ABC-500” is packaged in 30 & 100 pound drums.

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“BIO-TECHNOLOGY FOR A BETTER TOMORROW”

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TECHNICAL DATA

TYPICAL PROPERTIES

Appearance..... light tan
Fragrance.....mild-earthly
Form.....powder
pH.....7.8-8.5
Shelf-Life.....2 years/u.o.c.
Flash Point.....none

PERFORMANCE PROPERTIES

Effective pH range.....5.2-9.5
Effective Temperature Range.....35-130 degrees F
Bacterial Enzyme Production.....Protease, Lipase, Amylase, Urease, Cellulase

STORAGE AND HANDLING

Storage.....Store in a cool, dry place
Handling.....Wash hands thoroughly with warm, soapy water after handling

BACTERIAL COUNT

“ABC-500”4 Billion per gram