



# CAFOPlus™

Confined Animal Feed Operation

Wastewater Treatment Bacteria

## CAFOPlus™

a robust and effective bacterial blend specially formulated to decrease odors, solids and sludge accumulation in animal waste lagoons

### overview

Bacteria Direct developed CAFOPlus™ through a selection process that identified superior microbial strains dedicated to the reduction of sludge and odors associated with animal waste. CAFOPlus™ accomplishes these tasks with a delicate microbial balance that is very important for healthy animals.

The billions of robust, application-specific microbes contained in CAFOPlus™ thrive by eating the manure of pigs, cows, and other animals in waste lagoons. Desired results with the use of CAFOPlus™:

- decrease solid and sludge accumulation
- odor reduction
- modify nutrients to provide fertilizer

### CAFOPlus™

optimized proprietary bacterial consortium degrades a broader spectrum of substrates

wide range of carriers available, including eco-benign™ options

greatly reduces labor time

significant reduction in waste volume

### applications

- manure pits
- waste lagoons
- collection systems in animal farms
- food processing plants with animal pens
- rendering plants



Animal pen

enhances BOD/COD/TSS removal

reduces sludge build-up

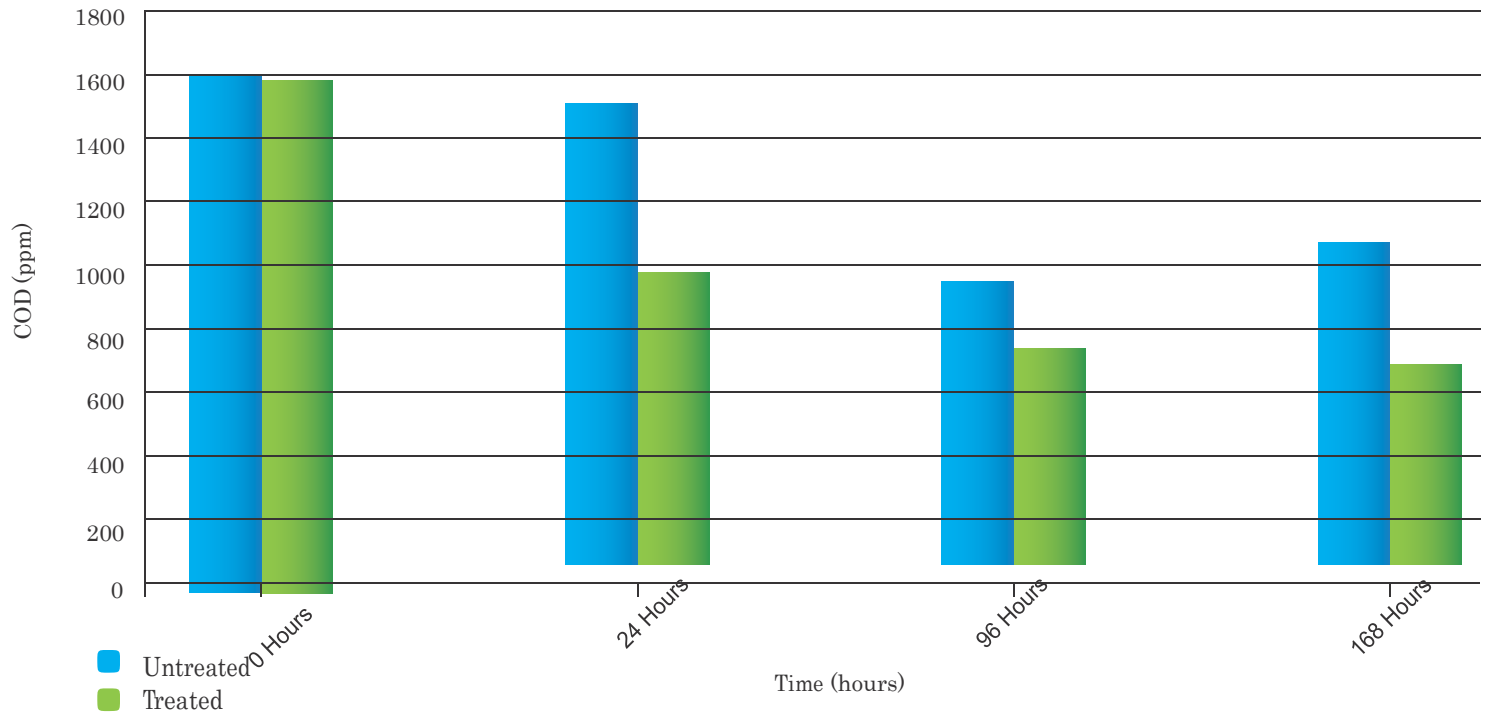
changes biomass dynamics

eliminates malodors at source

manufactured under strict quality control standards to ensure high quality and purity

## product testing

COD study - synthetic wastewater treated with CAFOPlus™



This represents an AVERAGE OF 40% REDUCTION IN COD.

## technical specifications for CAFOPlus™

|                               |   |   |
|-------------------------------|---|---|
| <b>targeted compounds</b>     | animal wastes, fats, oils and greases, ammonia, malodors and hydrogen sulfide   |   |
| <b>bacterial count</b>        | 5.00e+09 cfu/g bacillus spores  |   |
| <b>bacterial type</b>         | bacillus spores   |   |
| <b>formula properties</b>     | tan, free flowing powder with earthy odor<br><br>dendritic salt carrier<br><br>(available in Canadian approved (CB) formulation)  |   |
| <b>performance properties</b> | effective pH range:<br>4.0-11.0   | temperature range:<br>45-120°F (5-50°C) |
| <b>packaging</b>              | 25lb and 50lb containers<br><br>also available in 2oz, 4oz, 8oz, and 16oz bio-pouches<br><br>products may be blended in different carriers but order size minimums may apply - check with your sales representative for specific availability<br><br>(shelf life of 24 months in an original unopened container). |   |

## CONTACT US

Bacteria Direct is a web-based industrial strength bacteria supplier with warehousing in Colorado and Georgia.

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