

What is Advanced Bio-Pro Concentrate?

Advanced Bio-Pro Concentrate is a concentrated proprietary liquid blend of stable, highly active microbial cultures, enhancers, and nutrients, specifically selected and designed for the rapid uptake of ammonia ions and capturing typical manure odors such as ammonia, amines, hydrogen sulfide, and mercaptans. When added to any form of manure waste, it increases the rate of activity of both naturally occurring and bioaugmented microbes to biologically degrade the manure. Add the mixture to manure pits, lagoons, or spray on litter, bedding, manure piles, and other problem areas, to work on odors and improve natural bioactivity—it does the job.



USAGE RATE SUGGESTIONS*

(SM) FOR SWINE HOUSING: Dilute 1 part concentrate with 9 parts good quality water, spray or mist 1 gallon of this mixture per 5000 sq.ft. surface area each week.

(SM) FOR SWINE PITS AND LAGOONS: Apply one quart of the dilution (1 part to 9) each week per 1000 hogs. (Just pour it in, however spraying gives better results)

(PL) FOR POULTRY HOUSING: Dilute 1 part concentrate with 9 parts good quality water and spray or mist mixture lightly to floor bedding each week using 1 gallon of the mixture per 5000 sq.ft. of floor space. Before new birds/poults are put down, apply mixture once each week.

OTHER AREAS, MANURE PILES UNDER FLOORS OR CAGES, ETC: Start with the 1 to 9 dilution and apply at sufficient rates of coverage to obtain desired results (usually each week). For compost piles be sure a regular turning program is used to improve aeration and decomposition.

**Many factors beyond users control may effect results, consider these suggestions as starting amounts for best results.*

Areas Where Advance Bio-Pro is Effective:

- * All Swine Buildings
- * All Poultry Houses
 - * Manure Piles
- * Manure Handling Equipment
 - * Compost Piles
- * Garbage Holding Areas
 - * Processed Plants
 - * Sale Barns
 - * Grain Dumps
 - * Pet Runs

COST TO USE: ***Advanced Bio-Pro Concentrate***

- 1) Cost per Gallon (A) _____
- 2) Divide Cost (A) by 10 to get diluted cost per gallon (B)_____ ↩

FOR SWINE†:

- 3) Divide (B) by 1000 to get the cost per pig per month (C) _____
- 4) Multiply (C) by the number of weeks pigs are on feed to get the cost per pig fed. (D)_____ ↩

FOR POULTRY†:

- 5) Divide (B) by number of birds/poults housed per 5000 sq.ft. to get cost per bird/poult per week (E) _____
- 6) Multiply (E) by the number of weeks housed to get cost per bird/poult.* (F) _____

*Note: Does not include 2 applications prior to putting



Product Specifications

Bacteria: 3.0 x 10⁷ cfu/ml, 113 billion microbes per gallon. (cfu=colony forming units.)

Effective Temperature: 38 - 145°F. (34 -6.2° C.)

Bacteria Types: Blend of two Bacillus spores, Bacillus licheni formis and Bacillus laevolacticus.

Dilution Rates: Dilute with non-chlorinated water at 1:9 to 1:100.

Salmonella/Shigella: Negative.

Application: Pour or spray dilution on manure. Total coverage gives better and faster results.

Appearance: Tan liquid.

Storage: Store in a cool dry place out of the sunlight.

Fragrance: Very slight.

Stability: Concentrate=minimum of two years at 35-95°F.(17-35°C.)

Bacteria Activity: Aerobic, facultative, and anaerobic.

pH Range: 5.0 - 9.0

Packaging: 5 and 55 gallon pails/drums. (18.9 and 208.2 liter)

Caution: Avoid inhalation, wash hands after contact, and avoid eye contact.



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Testing Results Have Shown:

- ◎ **95% of odor was removed within only 3 days.**
- ◎ **Ammonia Emissions were reduced almost 50% in only 2 minutes.**
- ◎ **50+% Reduction in Phosphates.**
- ◎ **COD (Chemical Oxygen Demand) reduced 6 times less.**

ANOTHER QUALITY
PRODUCT FROM:

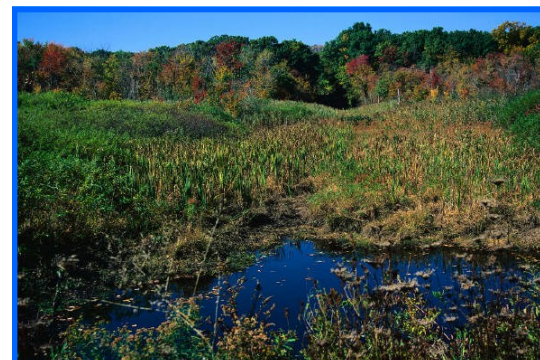


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ADVANCED BIO-PRO CONCENTRATE



(Concentrated Liquid Microbial
Cultures) For Poultry

SUPER CONCENTRATED
WITH HIGHLY ACTIVE MICROBIAL
CULTURES TO WORK ON:

- ◆ **MANURE ODORS**
 - ◆ **NOXIOUS GAS**
 - ◆ **MANURE SOLIDS**
 - ◆ **PIT SLUDGE**
 - ◆ **LAGOON ACTION**
 - ◆ **INSIDE OR OUT**
- Net 5 Gal (18.927 Liters)



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