

Zebec Biologicals

Z-BIO AFP100

Effective Odor Control in Agriculture

Z-BIO AFP100, an innovative development for odour control in Poultry, Pig & Cattle Farming, which comprehensively solves odour problems with a powerful combination of:

- A fast-Acting Neutralizer for Immediate Odour Relief
- Selectively-Adapted Bacteria for Degradation of Malodorous Organic Compounds
- Proprietary Ingredients which Stimulate Microbial Activity

Z-BIO AFP100 is a specialized bacterial formulation designed to provide excellent performance in all odour producing areas in agriculture.



Z-BIO AFP100 is active against an array of sulphur- and nitrogen- containing compounds usually associated with waste odour problems, including amines, ammonia, mercaptans, and hydrogen sulphide.

The accelerated biodegradation of odorous organic compounds is enhanced by the selectively-adapted strains found in **Z-BIO AFP100**, and is assisted by specially formulated microbial growth stimulating ingredients.

Z-BIO AFP100 eradicates odours by attacking and degrading the organic source of odour.

APPLICATIONS IN POULTRY, PIG & CATTLE FARMING

- *Animal Containment Areas*
- *Macerators*
- *Poultry Storage Bins*
- *Garbage Collection Areas*
- *Sludge Thickening Operations*
- *Sludge Drying Beds*
- *Sludge Hauling Containers*

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OTHER INDUSTRIAL APPLICATIONS

Z-BIO AFP100 is a specialized bacterial formulation designed to provide excellent performance for the following applications:

- *Smoking Odours in Hotel Bedrooms*
- *Kitchen Odours*
- *Garbage Collection Areas*
- *Public Toilets & Restrooms*
- *Waste Collection Areas*
- *Flood and Fire Odours*

BENEFITS

Z-BIO AFP100 rapidly neutralizes or eliminates odours without relying on the use of masking agents or hazardous chemical oxidizers.

- Selectively-adapted bacteria reduce or eliminate odour by degrading volatile amines and mercaptans.
- A proprietary biological stimulant enhances the activity of **ZEBEC** Bacteria, as well as indigenous strains, resulting in higher rates of degradation.
- Rapid *and* long-term effect
- Long shelf-life

DOSING

The **Z-BIO AFP100** Liquid formulation can be sprayed full strength or diluted as required. The liquid may be sprayed manually or with automatic dosing, spraying or fogging systems.

Optimum Conditions for Use :

Bacteria in **ZEBEC** products perform best within a pH range of 6.0-9.0, with the optimum typically near 7.0. The product is effective at room temperature. Lower activity can be expected below 5°C.

CHARACTERISTICS

Stability :	2 years
Odour :	herbal
Specific gravity :	0.95 – 1.1
pH :	6,0 - 7,5
Appearance :	Slightly opaque to transparent Liquid. Settled bacterial spores may appear as a fine whitish residue

Available Packaging : 25 litre and 1000 litre containers

STORAGE & HANDLING:

- Store in a cool dark place
- Avoid eye contact
- Do not ingest
- Wash hands thoroughly with warm soapy water after handling