

# PIT MAGIC



## ***Supplement for Problem Pits, Lagoons, & Shallow Pull-Plug Gutters***

All natural, safe, concentrated, dry blend of stabilized bacterial spores and micro-nutrients

- Reduce ammonia, hydrogen sulfide, and methane
- Improve air quality
- Reduce pathogen loading
- Reduce composting time for carcasses
- Reduce mortality
- Break down solids



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videos of Pit Magic  
in action**

# PIT MAGIC



## WHAT IS PIT MAGIC?

**Pit Magic carries a triple "O" NFPA rating.** Pit Magic bacteria and natural enzymes cultured for their ability to digest organic matter quickly, efficiently and without odor. These strains will work both in the presence of oxygen as well as in its absence. The natural enzymes quickly break down proteins, starch, carbohydrates, animal, and vegetable fats & oils as well as paper.

**The composition of Pit Magic** includes a unique micro-nutrient enriched carrier to provide accelerated germination, growth and superior enzyme production while reducing odor, BOD, COD, suspended solids, turbidity, and ammonia concentrations. Stable bacteria spores enhance shelf life and guarantee microbial concentration. Spore-form allows it to resist chlorine, disinfectants, and high-water temperatures.

**Considering the attributes of Pit Magic** in the digestion of organic materials, this consortium of bacteria proves to be a multi-functional/use means of preconditioning livestock manures in advance of field application. Pit Magic accelerates the transition of raw organics into plant available nutrients reducing the stress on depleted indigenous soil microbial bacteria. This process of preconditioning raw organics is not limited to poultry litter, livestock beddings, forage, and feed wastage.

**The organic digestive ability of Pit Magic** bacteria has decreased the time required to compost whole livestock carcasses in mass to include the bones, viscera, hide, feathers, and bulking materials. In the interest of on-farm bio-security measures, the ability to dispose of animal / poultry carcasses at thermophilic temperatures at accelerated rates of decomposition decreases the exposure to trafficked disease while allowing for a field ready, rich nutrient by-product.

**Applied to deep or shallow pull-plug pits,** the ability of Pit Magic to degrade organic materials reduces the levels of ammonia, hydrogen sulfide and methane from the pits. As with poultry, the reduction of pit gasses decreases the damage to ISOwean pig lungs, increases rate of gain and lessens affects of heat stress in confined livestock.



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