

# BIO-GEL<sup>®</sup> MICROBLEND G



- PROMOTES ORGANIC DEBRIS COMPOSTING
- WIDE RANGE OF DEGRADATION CAPABILITIES
- GRANULATED FOR EASY APPLICATION
- ULTRA CONCENTRATED BACTERIAL COUNT
- NOT SENSITIVE TO WIDE TEMPERATURE VARIATIONS
- REDUCES ODORS

30, 8-oz water soluble BAC-PAKS

Scoopable 15# bulk pails

INNOVATION // QUALITY // POWER



PestWest USA LLC, 4363 Independence Court, Sarasota, FL 34234  
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**Bio-Gel MicroBlend G is BEST applied WET in any livestock house for a variety of reasons, unavailability to animals, ease of application, reduction of dust, proper penetration of the product and immediate activation to name a few. Sand, clay, or a mixture thereof can be used as an alternate to water.**

**Pay particular attention to corners and hard to reach areas where debris and build-up are common.**

**POULTRY HOUSE APPLICATION:**

Apply to recently cleared poultry house and where the litter has been removed. This product can be applied (wet application only) post litter, however the house should be cleared of all birds.

Mix with water at a rate of 1 pound (16 US oz.) of product per 1000 square ft. as an undercoating. After application, apply the base (or litter). Product will activate as the new poultry population is introduced. Do not spray on the animals. Pay particular attention to corners, edges, alcoves and other hard to clean areas where debris and build-up are common.

**For optimum efficacy, re-apply (follow wet application directions) after every clean-out.**

**CATTLE BARN/DAIRY YARD APPLICATION:**

Apply once per week your dosage requirement based on the square ft. requirement above. Apply directly to the yard. No additional overlay is necessary. For best results inside the dairy milking parlor, use Bio-Gel liquid formulations directly to the floor surface.

**EQUINE BARN/STALL APPLICATION:**

Apply twice per month. Dosage requirement is based at 1/2 pound (8 US oz. per 500 sq. ft. = 1-BAC-PAK). Pay particular attention to stall corners and under stall doors. Spray under/around any rubber pavers or mats (if applicable) in the aisles and tie out areas. For best results inside the stall, apply after mucking and under the fresh bedding (i.e. shavings, etc). MicroBlend G will act as an accelerant in the decomposition of heaps, composting areas.

**SWINE:**

**Nursery and growing.**

If on a slab, use Bio-Gel liquid formulations for best and immediate results, however if the slab leads to a central drain, (some have augers) that lead to a lagoon or holding area, these are ideal treatment areas for MicroBlend G. If there is bedding, refer to the poultry section above. If there is a central drain throughout the house, apply directly into the drain that leads to the lagoon. Treat the lagoon as described in Lagoon Application Calculations below. For finishing pigs, refer to the above that best suits the environment (i.e. slab or bedding).

**Lagoon Application Calculations:**

Derive the pounds of Waste Per Day (Per Animal Size) using the following data:\*

Animal Type	Animal Size In Pounds	Daily Waste In Pounds
Dairy Cattle	150	12
	250	20
	500	41
	1000	82
	1400	115
Beef Cattle	500	30
	750	45
	1000	60
	1250	75

Animal Type	Animal Size In Pounds	Daily Waste In Pounds
<b>Swine</b>		
Nursery Pig	35	2.3
Growing Pig	65	4.2
Finishing Pig	150	9.8
	200	13
<b>Poultry</b>		
Layers	4	.21
Broilers	2	.14
Sheep	100	4
Horse	1000	45

\* Source: American Society of Agricultural Engineers

**Calculate the Initial Treatment of MicroBlend G:**

Use 3 pounds (6 BAC-PAKS) of Bio-Gel MicroBlend G formulation per one million gallons of lagoon capacity. For lagoons under one million gallons, use 1 pound (2 BAC-PAKS) of Bio-Gel MicroBlend G formulation as the Initial Treatment.

**Calculate the Dosage Requirement of Bio-Gel MicroBlend G:**

Total Pounds of Waste Per Day (each Lagoon) ÷ 8.5 x .00025 = Dosage Requirement (In Pounds)

**Application:**

**Week 1 :**

Apply daily the Initial Treatment (above) plus the Dosage Requirement (above) for the first week of treatment.

**Week 2:**

Apply daily the Dosage Requirement for the second week of treatment.

**Maintenance:**

Apply once per week the Dosage Requirement.

Total Pounds of Waste Per Day (each Lagoon) ÷ 8.5 x .00025 = Dosage Requirement (In Pounds)

**For optimal results aerate the lagoons by fountain, forced air, etc.**

**For additional information log on to**

<http://www.pestwest.com/us/products/bio-gel-cleaning-products/bio-gel-microblend-g/>



**GOT A SMART PHONE? SCAN THE QR CODE FOR ADDITIONAL INFORMATION.**



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