



# PERMA-GUARD

Pure *Diatomaceous Earth* Product

## Fossil Shell Flour-Livestock Feed Additive

In 1962, The Perma-Guard Company, with the help of Arizona State University, was granted a patent for the use of Fossil Shell Flour Diatomaceous Earth (DE) to be added to animal food. The Perma-Guard Company is the original and most experienced company selling DE in the USA. Perma-Guard Fossil Shell Flour is taken from one of those rare deposits that is so pure, just the way it comes from the ground, that it meets all the requirements of the Food and Drug Administration to be called "Food Grade", making it legal to be used in human, animal, or bird food.

Fossil Shell Flour is a remarkable, natural product. It is mined from deposits millions of years old, and has many benefits when fed to any animal or bird, regardless of how young or how old, how sick or how well, with no negative side effects, it is truly remarkable.

An electron microscope picture of Fossil Shell Flour particles shows tiny cylinders made of silicon dioxide and 15 trace minerals. These tiny cylinders pass clear through the animal, so, the main



benefits are not nutritional, but physical. Silicon absorbs heat and makes electricity. The silicon has a strong negative charge, and many viruses, bacteria and toxic substances are positive. Is it possible that negative charge, acting like a magnet, sucks up the positive substances and removes them from the body?

### Benefits Reported By Long-Term Users:

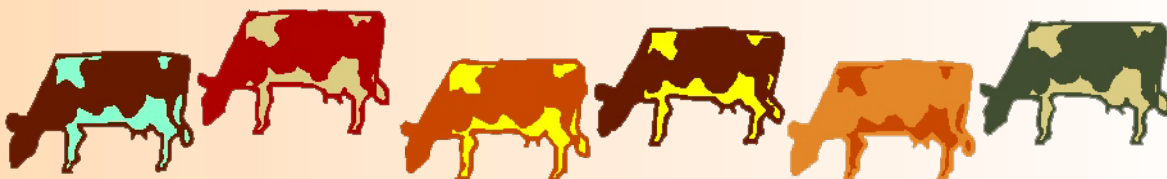
- Completely safe and non-toxic
- Stimulates basic metabolism
- Animals convert feed better
- Better coat and/or hoof condition
- Keeps fly larvae from developing
- Noticeably reduces fly populations
- Reduces annual veterinary bills
- Controls worms and internal parasites

"The use of Fossil Shell Flour gave immediate elimination and control of worms, stopped pigs from rooting and chewing feeder boxes, reduced manure odor, greatly reduced fly population and increased feed efficiency. It really improved profitability."

Dr. M.F. Petty, D. V. M.



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## The Importance of Diatoms

Dr. Phillip Schaible, while heading the Dept. of Poultry Sciences Dept. at Michigan State Univ., made a study of the European Literature on adding Diatomaceous Earth to dairy cow feed and made the following report: *“DE contains 15 trace minerals important to animal diets. DE mixes well with all feed while guarding against insect damage. Prevents worms and keeps virus epidemics from developing. Saves albumen, destroys harmful acids, safeguards the stomach. Improves health and growth of young animals. Causes better digestion, allowing animals to absorb a higher percentage of protein from their regular diet.”*

All the waters of the Earth are inhabited by billions upon billions of one celled plants called Diatoms. These are so small that one drop of water could contain hundreds. These tiny plants are the food supply for the higher forms of life in all the oceans and lakes around the world.

Diatoms take the minerals from the water and build themselves a protective shell or skeleton. As they die, these shells sift to the bottom of the lake or ocean and over many eons build up large deposits that fossilize into a chalk-like material. These deposits are called Diatomaceous Earth (DE) and man has discovered over 1500 uses for the material.

### ANTI-CAKING AGENT

Modern formulas of bird and animal feed contain substances such as molasses that cause the feed particles to stick together. These clumps not only make the feed hard to pour, but also to become moldy. Fossil Shell Flour, mixed in the feed, coats each particle, making it difficult to stick to other particles. This allows the feed to “flow” better and protects it from molding.

By separating the particles of feed, the digestive enzymes are able to completely surround each particle. This results in more complete digestion, meaning that the farmer gets more benefit for his feed dollar. All regulated products are sold by the information on the label. Perma-Guard, Inc. sticks to that regulation. When asked about other benefits, it is made clear that “No other claims are made by the company and any other benefits, if any, are incidental and free!”

### SUGGESTED FEEDING INSTRUCTIONS:

Cattle	2% by weight of dry
Calves	4 grams in morning
Dairy cattle	2% by weight of dry
Chickens	5% in feed
Goats	1% in grain
Hogs	2% of weight in feed
Horses	1/2-1 cup in daily ration
Sheep	1% in ground grain
Kittens	1/2 teaspoon
Cats	1 teaspoon
Dogs under 50 lbs.	2 teaspoons
Dogs over 50 lbs.	1 tablespoon
Dogs over 100 lbs.	2 tablespoons

