

## A to Z QUARTER HORSES

Patricia Abbott and Frank Zimmerman  
11200 South Serrita Mt. Road Box 173  
Tucson, Arizona 85736

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Telephone 520-822-2354

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Mr. Chuck Hadd  
Pristine Products  
2311 Indian School Rd.  
Phoenix, AZ 85016

Dear Chuck:

After using Amorphous Diatomaceous earth (Food Grade) in two animal feeding programs over three and a half decades I think I am well qualified to judge whether or not it is worthwhile, especially since it's paid us dividends to do so. Permaguard Fossil Flour was the only DE used throughout this period.

Our first experience with DE was in our dairy in Pratt Kansas in 1967-some four years after we purchased a 200 milking head Holstein dairy. Our feeding rate of DE was about four ounces per day, per animal. Calves were started on DE shortly after their first feeding and continued into their grain ration. It had one very important affect-it stopped scours .

One reason for the increased milk production was simply better feed assimilation-the result of Permaguard anti-caking properties. The second reason was improved fly control. Residual DE in the cow manure effectively killed fly larvae. Continued feeding meant increasingly effective fly control. If they can not breed they can't fly.

After moving to Arizona we started our quarter horse training and breeding operation including an A1 program.

Our foals are started very early on their DE regimen. We do not use any chemical worming agents on our animals- the DE provides a natural worming program. Like our dairy operation our horse operation stops fly larvae from breeding in the manure. Our Kansas experience was repeated in Arizona-longer feeding-fewer flies.

If you want your DE improvement program to work you have to feed it every day, and here's what you'll find: Your animals general appearance will improve-they just look better.

If you keep accurate feeding records you will find you're saving money-at least 10%. Here again the answer is simple-better feed assimilation-more money in the bank. We figure our fly control is a free bonus-but to enjoy these benefits you must feed on a daily basis-not just during fly season. There is one warning when feeding DE. Remember this- all DE is not the same.

The World Health Organization warns against feeding any DE with a Crystalline Silica content of over 3%. Swimming Pool DE, whose Crystalline Silica content is often over 60% will harm your animals. Remember this-it is very important. Permaguard Fossil Shell Flour has an extremely low-less than 1% Crystalline Silica content.

Because Permaguard has been profitable to our operation we have been sharing with other horse people and handling the product from our own ranch.



Frank Zimmerman

A-Z Quarter Horse Farms