

**ORGANIC DAIRY COW FARM'S RESULTS FROM USAGE OF BIOPREPARATION  
FROM JOHN PERRONE – ORGANIC DAIRY FARM OWNER, WISCONSIN, USA**

**Wisconsin, December 14<sup>th</sup>, 2004**

Dr. Kiriac and Dr. Thomas,

The 20 cows that are on the BioPreparation are doing very well and although it was difficult I selected ten cows of various ages to remove from the algae. I had them on for thirteen days when I received, actually read, your last e-mail. Note: Dr. Kiriac had asked John to keep 10 cows of the BioPreparation as witness cows.

Knowing the importance of the effects of the algae on the cows I will take care of updating you more often.

Please excuse my letter structure as I list some of my early findings.

In 2-5 days:

- ❖ The manure loosens slightly and any small amounts of grain that were in manure are almost completely gone.
- ❖ The somatic cell count increases (white blood cells in milk) momentarily and then after about 7 days starts to decline.
- ❖ Our s.c.c. has been under 100 for going on 30 days for the first time in my life.

In 7 days:

- ❖ Butterfat and protein percent in milk increased

In 14 days:

- ❖ Cows seem to be calmer
- ❖ I have not noticed the consumption of feed decline but there seems to be less manure.
- ❖ I have not noticed an increase in milk production however I am able to maintain production on less protein (between 14.5 and 15.5 percent)

General and individual observations:

- ❖ After the seminar I immediately started 4 cows that would act very nervous when being prepared for milking and after 3 weeks they are all calmer and I feel comfortable letting our kids milk 3 of the 4.
- ❖ Heats remain strong but the cows bleed off a brighter red blood.
- ❖ The mammary systems continue to milk out more and more cleanly as they milk down to practically nothing. The texture of mammary on the older cows continues to improve and young animals milk out to nothing.
- ❖ An 11 year old cow that had a cyst the size of a small softball is safe with calf. I had been trying to get rid of the cyst for 7 months with both vitamins and medicine. After being on algae for 2 months the cyst was gone and now she has settled with calf after I bred her only once. This is definitely one of the most exciting things that have happened.
- ❖ A 2 year old that I put on algae prefresh had hurt her leg as a young calf and used it almost like a stump is now beginning to move her knee.
- ❖ Her calf is the most active calf that I can remember.
- ❖ My dad commented on how good the cats look for being barn cats. Guess who is drinking the milk.
- ❖ I treated one cow with clinical mastitis and it cleared her quickly. After that, she remained slightly shy on that quarter down in milk about 35 percent on that quarter. *Editor's Note: Dr. Kiriac says that without the algae, you usually don't get more than 50% for several months after*

Sincerely,

From: John P., P.M.D.F. Wisconsin

**ORGANIC DAIRY COW FARM'S RESULTS FROM USAGE OF BIOPREPARATION  
FROM JOHN PERRONE – ORGANIC DAIRY FARM OWNER, WISCONSIN, USA**

Wisconsin, February 8<sup>th</sup>, 2005

Dr. Kiriac and Thomas,

I hope you had an enjoyable and relaxing holiday season. I do not have a lot of new information but I am continuing to notice improvement in all areas.

Changes that I have noticed since the last time.

The biggest change is that I am now noticing a decline in feed consumption. To most farmers this would sound devastating as we have been taught that less feed means less milk however my milk production did not decline. I feed all the cows one mix so by only having a portion of the cows on I am estimating the decrease but figuring it at the low end they are eating about 1.25 pounds less per day. To put this in perspective this is equivalent to almost two sixteen foot chopper boxes of feed a month. This is truly unbelievable!

Since my last e-mail we have had another calf and she too is as energetic as the first. I have been feeding them each one half pill morning and night. They both are doing better than calves whose mothers did not receive the algae.

I am currently treating one of the cows for a high cell count who had not been getting the algae and she seems to be responding well.

One other big change concerns the inflammation in the udder that I described. After receiving your last e-mail you said the swelling could not be attributed to the algae so in confidence I began giving her two pills per day in six feedings. You were right and within two days the swelling started to decline. She is now milking out silky smooth like the rest of the cows on algae. I have the last fresh cow on two pills a day (one morning one night) and she too is responding well. This is a big relief to me because the anti-inflammatory from the vet always put the immune system in jeopardy.

One point of concern and I hope I did not mislead you but I am not certified organic. I have not however used any milk withholding medicine on the cows in over five years. We do however still use pesticides on our fields and I am not sure what changes we would have to make in our crops to qualify.

In closing I just continue to be amazed at what the product is doing and don't know what to expect. Thank you so very much your product is making a challenging industry much more enjoyable.

Sincerely grateful,

John Perronne

**ORGANIC DAIRY COW FARM'S RESULTS FROM USAGE OF BIOPREPARATION  
FROM JOHN PERRONE – ORGANIC DAIRY FARM OWNER, WISCONSIN, USA**

**Wisconsin, March 1, 2005**

Hi Roland hope that March finds you in good health.

I have more exciting findings concerning the algae. I have been feeding it to all the cows during their dry period and since November I have had 13 cows give birth. As I mentioned previously the calves have more energy and are much more aggressive eating than they were without it. Of the 13 cows 1 had twins and 3 had what I consider to be difficult births.

The remarkable news is that all 13 dropped their placenta and I treated only one older cow for milk fever which is a calcium deficiency. This is very good for the cows' health. The other good news is how quickly they are breeding back. I preg. checked 3 cows this morning all safe with calf that are bred back within 29 days after calving. One cow was fresh only 19 days and now is safe with calf.

This is amazing!

As far as numbers go

October:	butter fat 3.96	protein 2.98	cell count 236
November:	butter fat 3.90	protein 2.96	cell count 127
December:	butter fat 4.12	protein 3.06	cell count 101
January:	butter fat 4.32	protein 3.19	cell count 159
February:	butter fat 4.40	protein 3.20	cell count 175 (TENTATIVE)

I did not receive the official results back for Feb. but it looks like the butter fat will be about 4.4 prod. 3.2 cell count 175. After being on the product for four months it is definitely helping the overall quality of the animals. I have not noticed a direct increase in milk production but we have to remember I maintained production on a 15.5% protein ration which in turn is healthier for the cow and as research is now proving the environment.

I am anxiously waiting for the day I can feed it in my total mixed ration so that they are getting it throughout the day. I still have 9 cows that are not getting the algae so please keep this in mind when looking at the percentages. I am currently milking 23 Holsteins and 6 jerseys.

I will be ultra sounding next month and will update you on multiple births. I am hoping not to find any because they are usually more difficult on the cow however the cow that had the twins is the one bred back at 19 days so maybe it is not as serious as we once thought.

Sincerely,

John Perronne