



Since 1982

Bio-Ag Newsletter

Fall 2008

Murray's Musings

Inside this issue:

Murray's Musings	1
Testimonial—Bio-Ag Dog Food	2
Bio-Ag Movie Event	3
New Products: Book by Shiv Chopra Available	3
Specials	4
Recipe	4
Coming Events	4

Immune System Enhancement Protocol

Protocol would be equally applicable in any stress situation: weaning calves, lambs or kids, if neighboring farms are vaccinating or if any respiratory or intestinal germ infects your barn.

Recommendation: Formula 1 [Anti-Bacterial], Formula 2 [Anti-Viral], Formula 3 [Immune system fortifier]: Homeopathic IBR; BVD; Haemophilus Pneumonia

Use the following application combining all the above remedies:

1. 2 x/day for 10 days
2. 1x/day for 14 days
3. 1x/week for 7 days
4. 2x/month remainder of winter or stress period

Also beneficial-Kelp meal, Perma Guard DE Black Earth, Nutri-Mins, Hydrogen peroxide, Bio-Lac

As I sit here looking at the news and reading the newspaper, I realize that farmers have been presented with a wonderful opportunity that has just been handed to us on a silver platter, which we will bumble as usual.

In the last several weeks we have seen a massive recall by Maple Leaf Foods and CFIA of meat that was produced at the Maple Leaf plant in Toronto. Apparently several people have died from the effects of Listeriosis in the meat that they had eaten. It appears to have hit the most immune compromised people – namely the young and the elderly. Most of the meat, as you will see in the readings that you do, is luncheon or quick prepared deli-type of food. One of the interesting things with this food is that most of the time it is more of the secondary type of meat products that is put into these meats to give us this so called “fast” and “easy” food. What is of interest here is the great song and dance that our government was just caught doing-trying to cut \$85 million off the CFIA budget over 5 years.

CFIA continually talks about safe food but you never hear them talk about BETTER food. I wonder sometimes how they figure farmers are supposed to produce better

food when all we do is push the daylights out of these animals, with high amounts of concentrates or grains and then grains of dubious value because they come from GMO sources. As well we use implants, anti bacterial/anti-viral vaccines, which leave residue in the meat and change pH of all lymph/blood/flesh. These foreign products change the whole micro flora of the digestive immune system of the animal and leaves them open and vulnerable to immune compromising diseases. Once this compromised meat works its way through the system, companies such as Maple Leaf Foods, only have to slip up once for the bacteria to get really aggressive and eager to continue to contaminate the meat supply.

E-coli, salmonella, listeria are all gram negative and very virulent. As farmers we are as much at fault and as responsible as Maple Leaf Foods. We need to make conscientious choices about the feed and practices that we use with our livestock. This is why including **Bio-Lac** and **Kelp Meal** in your feeding program is vital to healthy animals. Bio-Lac and Kelp do a great job of keeping a strong immune response and lowering harmful fecal bacteria, which can contaminate meat. Even thorough sanitizing, cleansing and pressure washing of a food proc-

essing plant is not going to solve this bacteria problem in the long run. I believe this will happen again!

Farmers need to start paying more attention to the quality of their soil, the quality of the products that they produce whether it is meat or milk or eggs. It doesn't matter which livestock segment that we are talking about-whether it is poultry or beef or hogs or dairy - we have to start to approach this from a whole different angle. I believe the opportunity is great for farmers or farm groups to now go out and express to the consumer the kind of quality food that we can raise if we get paid properly to do it. The health of the entire population would be much greater. As an aside, Ontario keeps saying they are spending 41% of their income on OHIP. However, if you add up all of the areas of health care spending, the Ontario Government is spending close to 50% of its income on so-called health care business which to me is mostly “The Sickness Care” business. This amount of money could be dramatically reduced if the quality of the food that people consume would be higher and the education of people would be much more thor-

(Continued on page 2)

Murray's Musings (cont'd)

(Continued from page 1)

ough as to what they were putting in their mouth!

Also, on a happier note, it looks like the sun has finally learned to shine without raining every second day. This should help farmers crops to mature and farmers to get their last remnants of their grains, as well their second and third cutting hay, finished.

I would encourage any of you dairy farmers to take a really hard look at what it is that they you are doing with your nutrition packages for your dairy cows and your calves this season. It is most crucial because I believe that the feed we have this year does not have good nutritional value - especially the amino acid profiles that we should have had. Amino Acid levels are directly linked to good fermentation of feeds. I am not sure if you noticed, but the smell of the drying hay that was cut this year does not have that nice, sweet smell that good drying, curing hay normally has. To achieve

top-quality forages and corn silage, we need to get a good fermentation going. If the Brix readings are below 10 for forage & corn [or if you chew on them and they are bitter] it would make sense to use our custom **Bio-Lac/Kelp/Sugar** or custom **Bio-Lac/Sugar** when harvesting. This will give a faster fermentation with a better lactic acid content [amino acid levels]. Feed digestibility is enhanced with higher Lactic Acid levels. Better feed digestion means stronger, healthier animals.

Be sure to contact our office and we will be glad to help you submit samples for testing: for example a volatile fatty acid test for proper fermentation. All of these tests will help to differentiate different concepts in terms of how we are feeding our cattle and the kind of problems that we can experience if we are not careful. Healthy animals equals less sickness equals less dead stock equals less vet bills equals more profitability.

Happy Farming!

Testimonial—Bio-Ag Dog Food

Norma and Vernon Brenneman raise Labrador Retrievers outside of Millbank, Ontario. They have been purchasing our Chicken and Rice Formula dog food for all of their dogs and have been very happy with the product.

Our food has no corn and includes chelated minerals and kelp. It has no additives or preservatives. If you are interested in trying our dog food let us know and we can get you a sample.

"Bio-Ag has produced a high quality food at a reasonable price. We were intrigued by the price, but have been thoroughly impressed by the quality of this food."

"We have been feeding Bio-Ag dog food to all of our Labs for the past 2 years. We have seen great results with fewer health problems and healthy coats on our dogs. We have had less overall hair loss and have even noticed less hair loss after whelping. We recommend this food to all of our puppy customers."

~ Norma & Vernon Brenneman, Brennridge Kennels



Announcements

For Sale

Potatoes grown without chemical fertilizer or spray. Red & white. Call James Brubacher at 519-291-5102

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For Sale

15T Organic Mixed Grain. Call Dennis Baer at 519-634-8623

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For Sale

Dairy Herd Dispersal by private treaty. Call 519-484-2588 for further details.

* * * * *

For Sale

80 Organic Rye Straw bales available \$25/bale
Call Florence 519-656-2460

* * * * *

Eggs Needed

Traditional Foods needs production from free range hens on the Bio-Ag program. If you are interested call Henry Lubbers 519-522-0161

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Wanted

Calendar Photos. We still have a couple of spots left. Please submit your photos to Becky at Bio-Ag by September 30th to receive your \$50 Bio-Ag gift certificate.

Bio-Ag Catalogue Available

Bio-Ag is pleased to have completed our first Catalogue. It contains all of our products and should also make order taking easier because product codes are listed. Ask your local dealer for a copy or call head office to have a catalogue mailed to you.

Event—The World According to Monsanto

Bio-Ag Consultants & Distributors and Greenwood Wellness Clinic are proud to present:

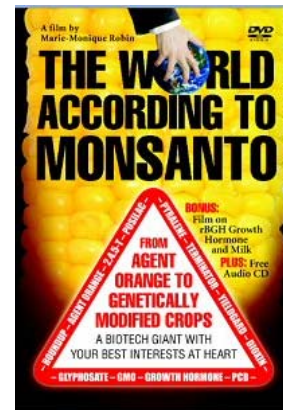
The World According to Monsanto - A documentary film about our food supply.

Thursday, October 2, 7:00pm

Princess Twin Cinema - 46 King St N, Waterloo Admission: by cash donation to the FoodBank of Waterloo Region

Movie Overview:

Monsanto is notorious for its development of Agent Orange, PCBs and recombinant bovine growth hormone (rBGH). They are now also known for their monopoly on genetically modified (GM) seeds for crops such as corn, wheat and soybeans. If you care about your food supply you should watch this film.



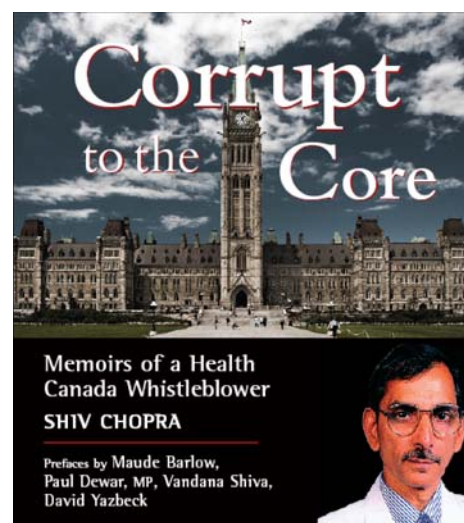
Monsanto's controversial past combines some of the most toxic products ever sold with misleading reports, pressure tactics, collusion and attempted corruption. They are now racing to genetically engineer (and patent) the world's food supply, which profoundly threatens our health, environment and economy. Combining secret documents with first-hand accounts by victims, scientists, and politicians, this widely praised film exposes why Monsanto has become the world's poster child for malignant corporate influence in government and technology. A film by Marie-Monique Robin. 109 minutes, documentary.

New Book Available from Dr. Shiv Chopra

Dr. Shiv Chopra's name has become synonymous with food safety. With full support of the Professional Institute of the Public Service of Canada—a 50,000 member union of scientific and professional public service employees, Dr. Chopra and his colleagues refused to approve various harmful drugs such as Bovine Growth Hormone, Baytril, and Revalor-H, for use in meat and milk production. They opposed a series of prime ministers and health ministers who had little or no regard for public safety. They defied gag orders, spoke publicly to the media, and testified at many Senate and parliamentary committees. The courts supported Dr. Chopra and his fellow scientists. Today, the dangers of these drugs are internationally recognized. Chopra's fight against the totally avoidable sources of Mad Cow Disease, calling the bluff on the Anthrax scare, and warning about the myth of safe and effective vaccines are equally inspiring stories. Here is the full account of how government corruption endangers the public food supply. This book contains a blueprint for the establishment of food safety and security: Dr. Chopra's "Five Pillars of Food Safety," which was presented in April 2008 to the Canadian Parliament by MP (NDP) Paul Dewar.

"Shiv Chopra is a Canadian hero. He was guided by science to conclusions that were not politically convenient. I'm grateful that he was not deterred and continued to speak out. Do you think our governmental institutions keep our health and best interests as their uppermost priorities? Read this eye opening book for a shocking answer." ~DAVID SUZUKI, Canadian environmentalist

The book will be available the first week in October.



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Working With Nature ~ Naturally



We're on the web!
Visit: www.bio-ag.com

Celebrating over 25 years in business, Bio-Ag is a company committed to developing and distributing quality agricultural products and services that work in cooperation with nature's biological systems. Our goal is to provide ecologically sound solutions for all of your agricultural needs. Bio-Ag carries a diverse line of natural products including Bio-Ag's very own Probiotic—Bio-Lac, and our line of naturally chelated Mineral Premixes, produced and quality controlled on site for all types of livestock. Bio-Ag continues to serve you any way we can and we appreciate your feedback on how we can offer better services and products—reliably and efficiently.

Fall Specials ~ 5% Off

October

Acadian Kelp Meal
(25 kg bag)

- Rich source of trace minerals
- Boosts the immune system by strengthening the glandular systems
- Improves conception rates and number of normal healthy births



November

Bio-Lac Feed Supplement
Dry 25 kg bag
Liquid 1L, 4L, 20L

- Registered Probiotic containing special plant extracts on GMO free carrier
- Strengthens helpful microbial populations in the gut, suppresses harmful bacteria
- Appetite stimulant



December

Hydrogen Peroxide
55L barrel

- 35% NSF grade, suitable for surface sanitization & water treatment
- Aids in breaking down manure in pits when agitating
- Along with White Vinegar, ensures that milk pipelines are kept clean



Recipe

PUMPKIN BARS

1 cup flour
1/2 tsp. soda
1/4 tsp. salt
3/4 cup sugar
1/2 cup oil
2 eggs
1 cup pumpkin
1/2 cup chopped nuts
1 tsp. baking powder
1/8 tsp. each cinnamon, allspice, cloves and nutmeg
FROSTING:
1-3 oz pkg. Cream cheese
1/4 cup butter
2 tbs cream
1 tsp vanilla
2 cups powdered sugar

MAKES 2-3 DOZEN BARS

Mix all ingredients well. Pour into a greased and floured 9 x 13 inch pan and bake at 350° for 20-25 minutes.

To make frosting, mix together cream cheese and butter. Combine with other ingredients and mix well. Frost cooled bars. This recipe makes a good holiday party treat.
Recipe doubles well.

Thanks to Betty Ann Glauser for providing this.

Upcoming Events

October 2—The World According to Monsanto movie premiere (see page 3 for details)

October 13—Bio-Ag Closed for Thanksgiving

December 24—Bio-Ag Closed at noon

December 25-26—Bio-Ag Closed

December 31—Bio-Ag Closed at noon