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Microbes the missing link in diets.

Looking at echo complete microbes!

To be or not to be.

Non sterile and or contaminated accusations.

The –“constant high tide”- concern against raw feeders are aimed at the humans not the dogs – stating that non-high pressure processed feeds are not “sterile”.

Then also pointing at the danger that by feeding raw - raw meats or fish, raw blood, raw bones, raw organs and raw fresh produce, that these could be contaminated.

Danger for human’s handling raw meats products.

Then the *birth of the phrase* “Potentially Pathogenic Bacteria’s” that would then be dangerous and life threatening for us humans handling these raw food items for our dogs.

Come on! - then also true – and then be reminded that our dogs today “still carnivorous animals” - do need healthy bacteria’s and “microbes” only found in their ancestral foods and the typical carnivore method of feeding frenzy ... eating from the ground (because dogs **can** handle unbelievable bacteria - needed to keep a healthy gut).

Therefore pro – prebiotics and enzymes became and is so popular ... even for the commercial dry food feeders.

The truth is dogs don't die from ingested bacteria obtained from also consuming dirt – just ask you vet and anyone of the 9 registered animal PHD nutritionist in the world).

Microbes found in the dirt (the table from where wild dogs eat) - became the raw feeders “phrase” and are indeed essential in species appropriate raw feeding – it is all in what and how you feed your dog.

If we still taking about the APBT - a canine sporting, high performance, game predator and competitive domesticated confined animal - your dog of choice ...

Then let me again remind you about your commitment - attending to your APBT's dogs critically needed absorbable species appropriate nutrition needs and to continuously improve your dog's diet.

Looking again at the down side of the commercial pet food industry. As concerned owner (me) and dog feeder (me) and you the reader ...then only relying on given researched information available from the international commercial dry dog food industries nutrition databases and “**their**” research, relating to their manufactory processed commercial dry dog foods.

Then you will find you also need to know about what you should but would not find it by doing nothing about it - some missing and incorrect information and some incomplete data relating to **inadequate critical balanced needed canine nutrition dog friendly bacteria and most important "microbe ratio's"**.

Note! – then as **fact** to be aware of ... there cannot be a completely balanced commercial dry dog food **as shelf product** – because dogs eating raw and commercial dry feeds **are not** eating natural or species appropriate.

Note! – "sterilization" of dog foods is not for the benefit of the dog but for the benefit of the dog food company and "those" dog owner concerns about bacteria.

Also to know! - **without** the dog food industry added spray on "nutrition" premix, fats and taste enhancers to their high heat processed "sterile" grain and starch kibble (that is devoid of any live microbes) – these kibble would not be attractive at all for your dog – a canine as food and dogs will not eat this kibble.

Commercial dry dog feeds consist of "questionable protein and fats" but **more so** consist mostly of loaded "carbohydrates – grains and starches" as the pelleted base ... then coated with an pre-mix of preservatives, colorants, metal oxides and sulphates sprayed over thus protecting the oxidation of the fats – **please know** that the fat content in any dry stored food can become fragile, with scary negative long term effects.

In addition to "rancid fats" – "**synthetic metals**" – "**opportunistic bacteria's**" as well as "**micro toxins**" could and do cross over inside the commercial product container bag ... this chemical reactions do develop and causing havoc ... especially after the container is opened and standing, shelved or stored for a prolonged period of time to be used when humidity and temperament have an impact.

All sorts of scary things will have an impact on the commercial dry feed product.

We still taking about feeding the APBT sporting game dog and not about feeding humans.

Therefore **by adding** a variety of "other fresh produce" alive with "friendly needed bacteria" and "microbes" to these high pressure processed commercial feeds, then became critically important for the concerned dog feeder ... when feeding your dog.

Sterilize processes and high heat processes **destroy** the majority of bacterial microbes, some needed EFA's, vitamins and minerals ratios that "otherwise" could have balance the nutritional values of whatever you feed your dog.

Sterilizing processes is important for humans not dogs - as the canine carnivores **do not** have problems with bacteria's in their natural species appropriate raw meats, fat, blood organs and bones (their real food) and as such is "perfectly equipped" (perfected as species appropriate by Mother Nature) to handle these bacteria's **naturally** because of the canine's unique natural designed digestive system – then digesting these needed bacteria in prey diets.

Dogs – **then as carnivores** - have been eating their ancestral diets from iniquity and that's why our domesticated dogs today - as animals - living in allocated but confined areas - still do so much better or raw species appropriate diets for carnivores – just prove this for yourself and see them go.

The importance of "microbes" - potentially photogenic bacteria found in dirt.

Carnivores - wolves, wild dogs, jackals, hyena's etc. - eat **off the ground** an off the grass (at any place the kill was made) – dissecting, tearing, ripping, dragging and devouring their prey animals carcass in a frenzy.

The raw meat, organs blood and bone as food and also then naturally digesting microbe alive dirt.

This is the key.

Dishing up in or on hygienically clean pre prepared utensils or hygienically clean allocated eating spots is a human "thing".

Know this! - One gm of dirt contain as much as 100 000+ "alive microbes" from a 1000 different types – all needed and essential for the survival and thriving of our carnivorous dog's immune system.