

THE “natural/works/doesn’t cost a lot of money” MINERAL PROGRAM

Environmentally (epi-genetics) our biggest challenges are lack of minerals (*In soil and thus in plants*) and too many toxins (*whether from across the road, county, state or Fukushima Japan*).

Gearld Fry challenged me 12-13 years ago to find a mineral program that a rancher in the middle of Nebraska could afford for his cow herd.

Minerals from a Sea Salt “brine” and the detox of a sodium Bentonite clay have proved quite effective.

Steve Swerczek has had a large part in my learning curve and thought process on how to accomplish this.



WHY AND HOW TO MAKE SEA SALT BRINE

- Above 86 degrees, all grasses except clover lignify.
- Ancient sequestered Sea Salt has 92 minerals (not necessarily in balance).
- They are approximately 20% bioavailable on average in the inorganic crystal form
- This form is very available to plants but not animals (or humans)
- These 92 minerals, “organized” through a plant, are on average 90% bioavailable (grass can take up 90 of the 92 minerals...kelp)
- When the sea salt is added to a SECOND WATER SOURCE in a sufficient quantity to be able to reach saturation, **with nature’s balance**, they become 45-50% bioavailable.



Dr. Maynard Murray

Sea Energy Agriculture

Patients living off of ocean protein were much healthier
“On 71% of earth's surface, there is **no cancer, hardening of arteries, or arthritis.**”

Fertility from the Ocean Deep by
Charles Walters

“Cursed is the ground because of you; THROUGH PAINFUL TOIL

you will eat food from it all the days of your life.”

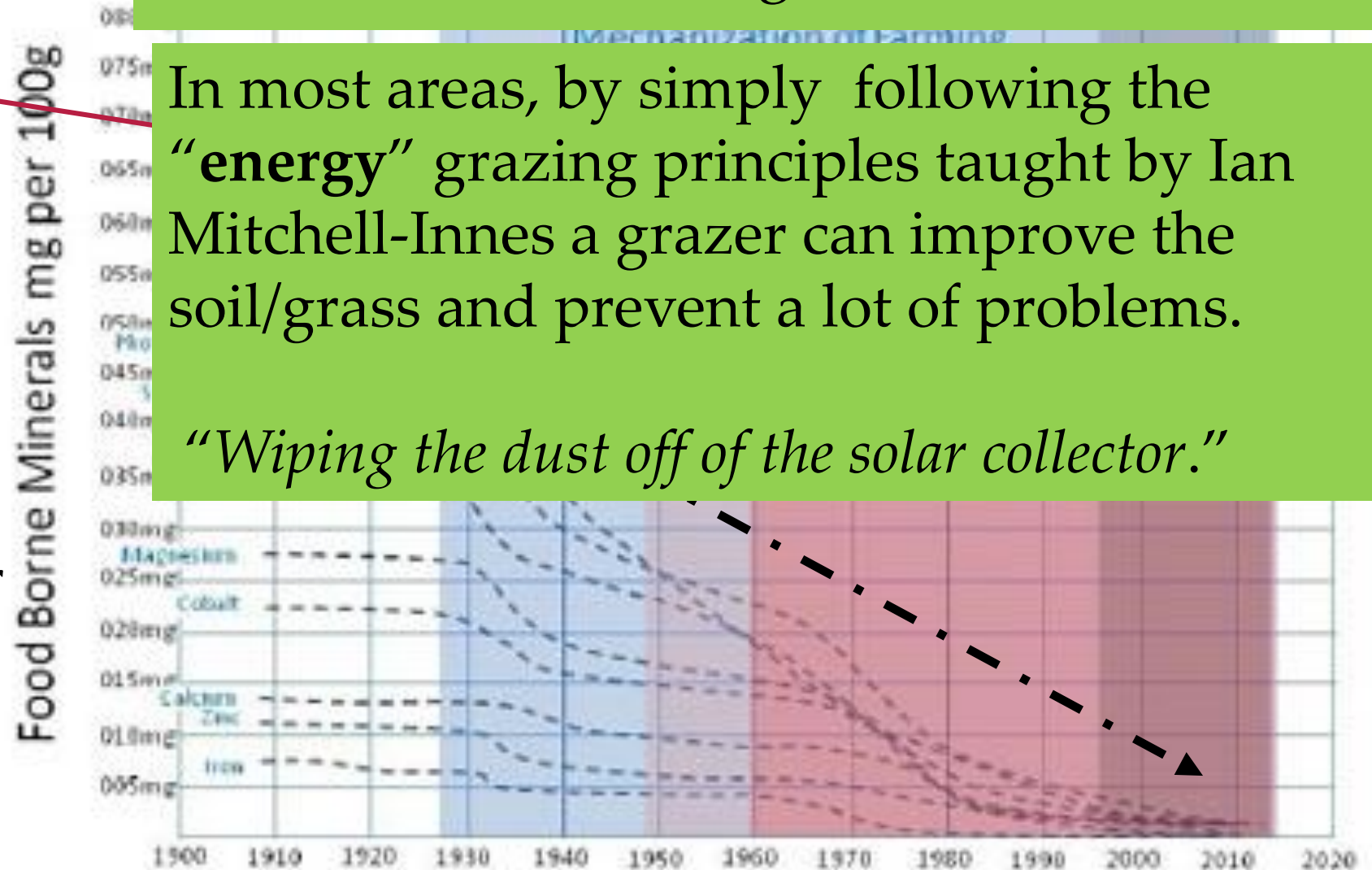
Genesis 3:17

...and then we stopped the painful toil of our backs after WW1

Our livestock are suffering from the same “lack” as human beings in this low-mineral/high-toxin world

In most areas, by simply following the “energy” grazing principles taught by Ian Mitchell-Innes a grazer can improve the soil/grass and prevent a lot of problems.

“Wiping the dust off of the solar collector.”

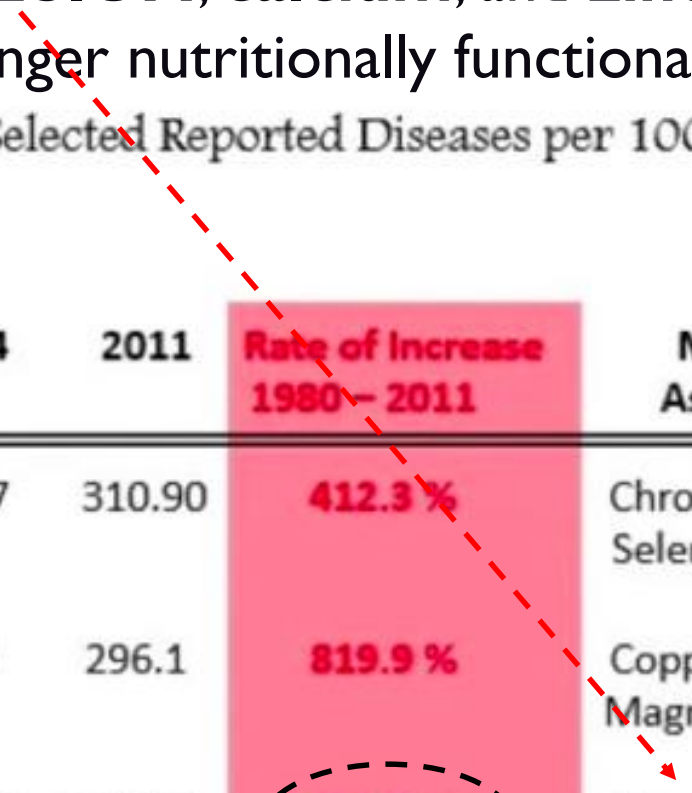


GENERAL REMOVAL
DISEASE VARIABLES

Glyphosate can immobilize **plant nutrients** such as **manganese, copper, potassium, iron, MAGNESIUM, calcium, and zinc** so they are no longer nutritionally functional.

Changes in the Rates of Selected Reported Diseases per 100,000 US Population

Disease	1980	1994	2011	Rate of Increase 1980-2011	Mineral Deficiency Associated with Disease
Heart Conditions	75.40	89.47	310.90	412.3 %	Chromium Copper, Magnesium Selenium, Potassium
Chronic Bronchitis	36.10	56.3	296.1	819.9 %	Copper, Iodine, Iron Magnesium, Zinc, Selenium
Asthma	31.2	58.48	1291.2	4137.8 %	Magnesium
Tinnitus	22.6	28.24	45.9	203.0 %	Calcium, Magnesium, Zinc
bone Deformities	84.9	124.7	295.0	347.4 %	Calcium, Copper, Fluoride Magnesium



Dr. Laibow estimates that **for every dollar** spent on supplements in the United States (*approximately \$20 billion last year according to Andrew Weil, M.D.*) **the cost to the pharmaceutical industry is about \$40.**

The more supplements people buy, the fewer drugs they need.

http://www.healthfreedomusa.org/index.php?page_id=163

When higher quality food is produced or consumed, fewer supplements are needed with our diet.

With this lack of minerals in the forage it is no wonder our mineral mixes are more complex and MORE EXPENSIVE

Nutrition and Physical Degeneration *Weston A Price*

15 groups of people, all in perfect health

Some were 30% fat and one over 80% fat...no rhyme nor reason to Fat, Protein and Carbohydrate consumption.

THE common denominator in 1930 ... 5-10 times the Vitamin and Mineral consumption of the average US Citizen

We feed the lowest MINERAL foodstuffs to our livestock

“Slop the hogs”

How do we get those minerals back, right now, at low cost...

Make Ocean Mineral Water

- Each 50 gallons of water requires approximately 1 quart of sea salt to have ample to make perfect ocean water (minus the enzymes and biology).
- Brine and sea salt are Alkaline forming in the body (this state resists disease).
- Because the minerals are in perfect balance, the cow does not have to do any “work” to sort out and eliminate the excesses. (Dr. Olree and Sodium Selenite)
- *“There is no evidence that the body absorbs colloidal mineral preparations any better than true solutions of mineral salts or minerals in chelated form. Many so-called “colloidal” formulas often contain undesirable additives, including citric acid, that prevent the mineral particles from settling to the bottom of the container.”*

Weston A Price Organization

- If you have 100 cows I would get a SECOND 300-500 gallon water tank.
- Cows still have to have their fresh water tank on either system
- Typically your cows will consume 50-90% of their “water” for the day as brine.
- NO FLOAT SYSTEM ~1 quart of Sea salt per day per 50 gallons of water
- WITH A FLOAT SYSTEM ~ A "tea bag" (*old woven plastic feed sack*) with 25 pounds of sea salt can be tied shut and thrown into the tank. (More salt equals more days between refills)
- When 80% of the sea salt volume in the bag is gone, empty the "tea bag" on a roadway or some place you don't want weeds growing, refill and place back in the stock brine tank (*this will be approx. 2 days for 100 head*).



I TAKE A 350 GALLON RUBBERMAID TUB FOR 100 HEAD SECOND WATER SOURCE (SIZE THIS TO YOUR HERD)



8-12" tall tank
for calves



~Feed or seed sack
25 pounds of SEA
SALT
Float on the tank
Should work for 100
Head for two days
Then dump "tea bag"
and add 25# Sea Salt.



DON'T QUIT YOUR REGULAR MINERAL

- However, don't be surprised if your cows back off to **½ or less of the mineral consumption level** they were at before the brine.
- I call it the “Wise Man’s Kelp”
 - Same minerals as Kelp (50% available)
 - Fraction of the cost of kelp (90% available)



Brine at Hoof and Hide.html



Brine at Brazos.html

Sea Minerals in perfect balance without the NaCl load

- Most cost-effective way and time to get more minerals into the animal.
- Grasses are lignified and the minerals are more tied up
- Heat stress
- Endocrine system of the fetus is being formed (fetal programming)

How do I get 4-5 ounces of sea salt in my cows per day when it is COLD OUTSIDE???

- We can sprinkle the Sea Salt onto a WET feedstuff (baleage).
- Or we can use an enticer...
 - Cane Sugar which is ACID forming in the body. Disease (*Pinkeye/Footrot/Scours*) thrives in an ACID body PH
 - Apple Cider Vinegar which is Alkaline forming in the body just like Sea Salt

Vary the amount of the enticer to achieve

4-5 ounces of Sea Salt per day



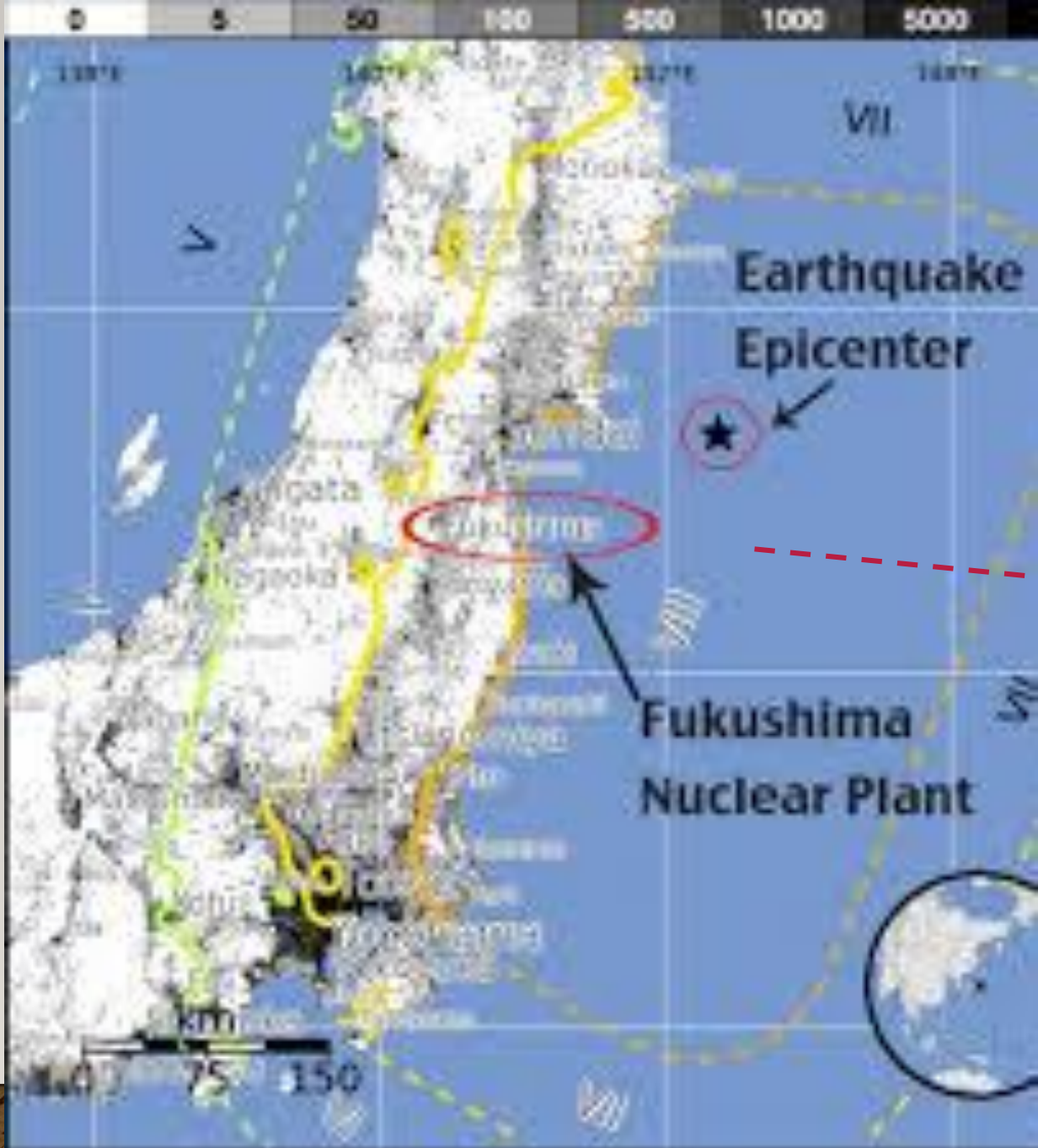


We have “introduced” 50 million unique substances into our environment in the past 75-100 years

- They are not all good for us.
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I would venture to say the further down this “patent-able, trademark-able, register-able” path...the WORSE each new one is on average.
- Drugs don't have side effect...THEY JUST HAVE EFFECTS!!!!
- How do we get our immune system working at a high level
- Redmond Conditioner helps remove a plethora of toxins that are gumming up the works of our immune system. Removing them daily frees up our immune system to deal with the ones the Conditioner can't deal with.





Human miscarriages along this line doubled in the 12 months after the cesium cloud passed over the USA
In 2011-2012



HOW DO WE DEAL WITH MAN'S TOXIC LOAD ON AND IN OUR ENVIRONMENT


- Registered Lowlines
- Lice in South Dakota
- JR conditioner amount
(and which animals improved)
- Happy Lines in New York



- Clay particles, defined as having a size less than 1-2 microns, have a very large surface area relative to their size.
- They carry a negative electric charge and can attract positively charged pathogenic organisms along with their toxins and carry them out of the body.
- Thus, clay compounds not only provide minerals but also can be used as detoxifying agents.
- As such, they facilitate assimilation and can help prevent intestinal complaints, such as food poisoning and diarrhea.
- They also will bind with antinutrients found in plant foods, such as bitter tannins, and prevent their absorption.



DETOXIFYING REDMOND CONDITIONER

- 2 bags of Conditioner (100 pounds)
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- 1 bag of Cane Sugar (25 pounds)
 - Do this for two weeks
 - Then one week a month year round (*Vary the sugar to achieve 4-5 ounces/day/cow ... can be added to wet feed instead of sugar*)
 - STOP feeding conditioner if any “negative” shows up in herd (Pinkeye, foot-rot, scours, mastitis, etc) and DOUBLE the sea salt consumption.
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The goal on a daily basis =

Four ounces per head per day

... or ...

Only feed one week a month or two days per week

Pictured is 100 pounds conditioner and 25 pounds sugar



Does this work on the cows I have...or do I need different cows? Maybe ... IT DEPENDS

- Cow pies standing up or longer undigested material in cow pie...more ACV or Juice
- 1500 pound cow does not have 1.5 time size gland system as a 1000 pound cow.
- Fat has an affinity for all the bad stuff.
- Fat cows typically need more detoxing than skinny cows.
- **The poorer your epi-genetics the more you will need ... a vet, feed store, nutritionist, pharmaceuticals (slippery slope).**



- **_If you are trampling green forage into the ground**
 - **You are going to get more bacterial growth**
- **If you are trampling brown forage into the ground**
- **You will encourage more fungal growth** (*bale grazing*)
 - **Fungal growth is necessary for the**
 - **healthiest Pastures and livestock.**



TAILOR MADE CATTLE

“Solutions to your Genetic and Epi-genetic challenges”

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