

The media want drama to sell publications, so farmers should choose their words carefully. Most media (even some agricultural media) don't care about accuracy, but luckily a few do. Most of the media are townies (even for agricultural publications) who are jealous of farmers, so like criticising them.

Farmers have an understandable reputation for never being happy. How can they be with the weather which affects farmers so much more than anyone else? It is either too dry, too wet, too cold or too hot. Recently, a few Waikato farmers complained to the media about having too much pasture. I presume they are those who work on a very long rotation that ryegrasses and cows don't like, so both produce less.

They could be those who have forgotten how much high producing cows can and should eat, because they have had too many cows for too long, which ends up with small bodied cows.

Most pastures, and those I've seen on TV and in publications, show fast growing coarse unpalatable ryegrass that animals don't like.

We see ryegrass that is long (>3,500 kg of DM per hectare), coarse and unpalatable, with animals walking over it, trying to find short palatable grasses and some clover, so damaging pasture and wasting energy.

They could also be those who took DairyNZ advice, who on the day after the first rains in May, told the media that farmers should apply urea (46% N with nothing else) to make the grass grow. Everyone knows, urea is a drug that is made from air so has no guts or goodness, it kills clovers and earthworms, and makes pastures unpalatable, so animals eat less and produce less, and like a drug, once started, it has to be applied again and again.

Local bodies are complaining that farmers use too much N, while the establishment (some scientists, DairyNZ, etc.) who don't have a clue about good, practical, profitable healthy farming, are advising more N. Luckily, the good farmers don't use any N, except on new pastures, until clovers are making it, when Ammo (30% N & 14% S) is far better than urea, DAP or MAP, which make unpalatable pastures and so reduce milk production. Also read Elements > Calcium, and Nitrogen.

There are many other nitrogens. Avoid those that make pastures unpalatable, so animals eat less and produce less. This can be judged by contented cows lying down within three hours of entering the paddock, provided it had ample perfect pasture to feed them fully, which is rare today. See the Member Home Page to see cows lying down at 10.30 am in excellent, dense optimum mineral level pasture, correctly grazed with no ryegrass pulling. Causes of unpalatable pastures include any of the the following being too high; N, P, K, Mn, and/or any of these being too low; Ca, Co, Se and/or S.

For improved pastures, animals and higher profits, improve your pasture mineral levels, starting with getting Ca to 0.8%. Your soil will them make and hold moisture, cobalt, selenium and others.

The farmers in the media could also be the farmers who apply any of the bad superphosphate fertilisers which increase heavy metals in your pastures, or other junk fertilisers, so need LimeMagPlus to improve the quality and health of the soils, pastures and animals, and to make heavy metals unavailable.

When short of feed, as in droughts, fence the animals into an area big enough for all to lie down around a water trough after most is eaten. Do lime, but don't fertilise that area. When fertilising spread all the fertiliser onto the rest of the paddock.

Remember that nitrogen doesn't work without sulphur. I've done many trials to prove it, as have ICI Ltd in the UK, which I believe is the world's biggest and most reputable fertiliser company. NZ fertiliser companies promote urea on its own, and more K at \$900 a tonne, to get more money out of farmers.

**Next autumn**

Remember that during dry periods, soil temperatures rise, as does nitrogen in the soils, because it has not been used by plants. The warm soils grow pasture into winter. High N pastures lack clover, calcium and palatability, cause milk fever and worse still, ketosis. Please read about milk fever and then ketosis in Animal Health once they're updated in a few weeks time, which I'm doing now based on questions I've had. Going by the questions I'm getting, it is in some of your minds. Farmers doing exactly what GrazingInfo recommends get almost no metabolic problems, except for example, the same one cow each year in Patetonga's (Waikato) Ian McDonald's 500 cow herd.

### Questions & Answers

1. A farmer who read the Calcium and Phosphorous chapters, asked me why I didn't add lime to the Fertiliser Nutrient Planner mixes, which are based on Gafsa natural phosphate. Gafsa and other phosphates need to be acid to release their P for plants to use it, which is why superphosphate is made very acid by mixing sulphuric acid with it. Doing this increases its cost from about \$200 a tonne to about \$450 a tonne, much of which is profit. Gafsa, which is a reactive phosphate, costs about \$430 a tonne. It is made more available by mixing it with only 12 kg per tonne of very finely ground elemental sulphur (95% S), which costs only \$4, bringing the phosphate fertiliser to \$434 a tonne. It then grows more pasture long term than superphosphate without releasing poisoning heavy metals which superphosphate makes available. A Gafsa fertiliser doesn't make your soil as acid, as superphosphate does. Sales people of superphosphate say that Gafsa doesn't work in pH 6.2 soils and releases P too slowly for crops. Hundreds of trials by me and clients show that both are wrong, provided some elemental sulphur (based on a pasture analysis) is mixed with the Gafsa. I and clients have grown 33 tonnes per hectare of maize silage. A client (Bill Chynoweth) of Pukeroro, who changed to using a superphosphate mix halved his yield.

2. Pasture Iron figures above 100 ppm show that soil pollution is in the sample making the Co and Mn are high, but wrong. Zn, Se and Mo also increase from iron, but to lesser degrees. Some pasture levels are in percentages, but some are parts per million (ppm), so are easily polluted.

3. Your cobalt level decreasing shows that humus in your soils is decreasing, because organic matter is needed to hold Co and Se. This is costly leaching, especially for cobalt sulphate (21% Co) which is \$50,000 a tonne.

4. I see you're using Mg Oxide (never feed it). It is three times dearer than Serpentine and leaches. It is now available in Waikato, Marlborough and Southland?

End

### Fonterra

I re-print this letter published on 3 September 2013 in the NZ Herald for those who didn't see it:

"I hope all the 'million a year' managers at Fonterra read and learned from Gary Chu's excellent letter about marketing, in the NZ Herald of Wednesday 24th of August.

"For ten years Fonterra has gone from mistake to mistake and tried to hide behind them and their colossal ego by repeatedly telling everyone, 'We are the biggest in the world', which they are not, and never will be, because New Zealand produces only 2% of the world's milk. There are three much larger.

"Fonterra teaching the Chinese our low cost milk production system, will make them tell Fonterra that their milk price is too high, because the Chinese milk producers place no value of their government owned bare land, while ours now at \$35,000 a hectare, is New Zealand farmers' highest production cost.

"The NZ Dairy Board inflation adjusted payout in the 1950s was double what Fonterra are now paying. Dairy farmers then made a good living from milking the average herd size of 60 cows. Now,

even with an average herd of 360 cows, farmers are losing money.

“Since 1960 our dairy farmers have doubled pasture production per hectare, and doubled milk production per cow, and increased the average herd size six times from 60 to 380. No other industry has increased as much? Farmers can’t keep increasing at this rate.”

End

I would not buy Fonterra shares. See the Investing Off-farm spreadsheet to get the best out of your money.

For ages most of the country’s exports and growth came from primary products which currently earn 70% of export earnings. In the 1980s the ACT/Labour politicians claimed that to survive, NZ had to increase production of hightech products. The wise voters threw them out, but National stupidly continued the highly capitalistic policies under Ruth Richardson, which was the cause of New Zealand’s downfall. Market forces don’t work because the rich control things and become fleecers. Ireland was told the same and was helped to change from agriculture to producing hightech helped by EU subsidies, and still failed, and went back to mostly low-cost pasture farming.

### **Hill Country exports**

New Zealand’s 5 million hectares of beef and sheep hill country nets a higher percentage for the country than dairying because of hill country lower costs using less lime, fertiliser, fuel and electricity. Figures were in the New Zealand Society of Animal Production in 1979, so could well be higher now. Dairy farming costs with RMA, approvals, water rights, fees to DairyNZ, effluent spreading costs and high loans, all at the highest interest rates in the civilised western world, are tough on dairy farmers. Japanese bare dairy land costs the same as ours and they pay only 1% interest, thanks to their government subsidising it down from only 3%, which anyone can borrow at in Japan.

### **Never Buy or Sell a Vehicle without checking CarJam!**

Click [www.carjam.co.nz/](http://www.carjam.co.nz/) to open, then enter the number plate details. For more information read **Vehicle investigation & information** in Free Items.

### **Cropping farmers beware - Onions**

It is not only dairy, beef and sheep farmers with problems. A Pukekohe onion grower who got \$3 a kg every year for his onions, can’t sell them this year because Chinese onions have come direct to supermarkets at \$2 a kg. This shows no loyalty from them.

Other countries impose import duties, including on our produce, even under free trade, which we should put on theirs. With what Fonterra has and is teaching China, in the future we will have their dairy produce flooding our country. The Chinese government care more about exports than their people.

### **Human Health**

No one doctor or specialist can solve all health problems. I’m not a doctor, but have gone to and learned from seven doctors in as many years and now go to six health specialists if required, and have researched health for myself, my wife, family and friends, helping many very successfully since 1998, so some call me Dr Vaughan! A third of my farmer clients have major health problems. Some of them thanked me for improving their animals’ health, and asked if I could improve their health, so 25 chapters on Health have been written. Some doctors and specialists have written down some of the success systems that I’ve mentioned to them, such as eliminating acid refluxes with correct food at appropriate times, that was after having tried all the known medical treatments prescribed by seven doctors and several specialists, none of which helped me for long. My natural prevention works without fail, provided I don’t fail. It is eating fruit (most are acid), especially before lying down and drinking honey (pH 5.5) in water. Our bodies are very clever, so something acid in the mouth sends a message to the stomach, “Acid coming, release alkali.” Drink milk or eat

alkali food and the message will be, “Alkali coming, release acid.”

Without the knowledge and help of the specialists listed below, I would be unwell. Instead I feel like when I was 40 - in prime of life.

I suffered boils for thirty years after my first amalgam fillings, but didn't associate it, until seeing three documentaries which proved it. Eating chocolate or cocoa while I had amalgam fillings in my mouth, caused boils and pimples. Doctors and health specialists I asked about my boils didn't know the cause. Two dentists disagreed with the documentaries so would not change my mercury fillings to “white” mercury-free ones. A third dentist who was a good friend, agreed, provided I didn't tell anyone his name. At the time, USA dentists who agreed to remove amalgam lost their licences. After nearly a dozen appointments for the removal costing \$8,000 (more today), my fillings were all changed. Five months later I found that eating chocolates no longer caused boils.

I suffered symptoms of gluten intolerance from about the age of 50 (see Human Health > Gluten Intolerance) and later discovered that I didn't get colostrum (mother's first milk) because my mother was very unwell when I was born. Before learning this I had suffered the gluten symptoms for a decade, without any of a dozen doctors and health specialists identifying it, which I did myself after reading a newspaper article on Celiac Disease. I had never heard of it before. I then Googled and studied it and now I've helped 25% of visitors to us by identifying gluten intolerance with muscle testing while they touched wheat bread, gluten foods and other allergic things.

### **You can't be healthy if you are -**

Eating or drinking things containing the following toxins; gluten, mercury, cadmium, manganese, lead, MSG, fluoride, Glyphosate (Roundup) or any non-organic foods, some of which are in chemically (superphosphate) fertilised and sprayed vegetables and fruits. Organic fertilisers, i.e., with no superphosphate, and no toxic sprays are usually free of toxins and heavy metals. All our home grown and bought organic vegetables (using no superphosphate of any kind) test completely free of heavy metals. Almost all the other bought fruit and vegetables have too much mercury and other heavy metals, mostly because superphosphate is so widely used. To make superphosphate they mix sulphuric acid with the cheapest, so worst (most polluted), raw phosphate, which makes the phosphate available, and unfortunately, also makes the toxic heavy metals available!

Eating soy that has not been fermented. I avoid all soy, so should pregnant women, and most Westerners. Asians have adapted to it and know how to treat and cook it.

Gluten intolerant and still eating any wheat or gluten. Read all labels. Even if not gluten intolerant, remember that too much wheat in its many forms is fattening and toxic. Most wheat in most countries is USA genetically modified.

Exposure to electro magnetic fields (EMFs) which affect the body and brain and can accentuate almost any sickness - certainly Alheimers's and Parkinson's. Read the chapters on them.

Using toxic sprays on fruits and vegetables. Pineapples from the Philippines contain Glyphosate (Roundup is one) showing that they were sprayed with it to control weeds. Carrots are not affected by Glyphosate, so some carrot growers use a Glyphosate to kill the weeds. Again, buy organic.

Not eating enough raw greens or not enough variety.

Not drinking enough clean, pure water. Our Hamilton tap water is down to as low as 5 on Chris Rhodes's compatibility scale of 1 (poison) to 100 (perfect). The same water improves to 30 after home filtering and to 50 after boiling, which kills bugs. Kaiapoi, Canterbury, spring water is 90 compatibility and 0, 0, 0, 0, 0, toxins, and contains beneficial minerals naturally. Read Water.

Carrying fat in any part of your body, except the brain, which should have 25% fat. Fat stores heavy metals. Mangoes (fresh are best, or tinned in juice) reduce fat in human bodies, including mine, which after stopping wheat, and using leg lifting at the computer until panting, decreased weight off the waist and me from 75 down to 65 kg. I'm now eating more home grown and organic vegetables and fruits for health reasons, and gluten-free biscuits, and cakes with my cuppas, to keep

my weight at 65 kgs, and to give the excess acid I make, something to work on, rather than damage my stomach which a scan showed acid was doing.

Always work on a stitch in time and prevention is better than cure (if you're lucky).

### **Knowledge**

No one person knows everything and it's not essential to do so. However, it is important to know where to find out things which for Human Health can be in this eBook of 25 chapters, from health specialists, good alternative health books and Googling.

Specialists who have helped us and our family and friends are listed in Human Health Specialists.

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