

The Excel Phosphate Nutrient Planner spreadsheet is to order Sechura from Asura Fertiliser Ltd depot in Waharoa, or from your supplier whose name and address you should enter over the one in the spreadsheet. Sechura is the best and fastest release Reactive Phosphate which we have used and still do on our garden by buying 20 kg from a local farmer who buys a Sechura mix that I or they design using Phosphate Nutrient Planner spreadsheet. The spreadsheet can be used to buy other other phosphate fertilisers.

Most dairy farmers will be too broke to be thinking about fertilising, but be careful, because I'm sure you will have read that buying any feeds is unprofitable, so if you ever did so, you will have stopped buying any so can use that money for lime and fertiliser depending on the ryegrass analyses. In 50 years of farming, we never bought any feeds because our spreadsheets showed that doing was negative in every way because more cows may be needed, inferior milk would be produced instead of pasture-fed milk, that the world wants and Fonterra should be promoting. Some farmers like feeding PKE, which has 20 to 28 ppm of copper and 132 to 340 ppm of poisonous manganese, so have killed cows in New Zealand and in Australia, and made many sick, requiring me and vets to help farmers whose PKE-fed cows became ill. 1 to 2 ppm of manganese is all USA health specialists and farmers aim for. The government has stopped its import.

Many NZ farmers were very happy with the Sechura Reactive Phosphate mix when it was available decades ago. It is now available again from Peru and a supplier in the 'Phosphate Nutrient Planner' fertiliser spreadsheet order, in the Spreadsheets folder.

I would like to help more farmers get this good fertiliser so please email me the addresses of fertiliser companies in NZ who sell Sechura Reactive Phosphate mixes so I can tell everyone through newsletters.

If you'd like a trial on your farm, buy some from a farmer getting it from a fertiliser company that has access to Sechura from the importer Asura Fertiliser, Waharoa, Waikato, email matthewwebby@yahoo.co.uk or phone 021-331-620 and add the necessary elements needed for your farm.

I've done many equal-cost comparative trials with phosphate based fertilisers and Sechura has always been the best in every way, including animal preference of the trial areas. I don't get commissions on it or anything. We live off profits made when the payout was \$14/kg in today's money.

The 66 spreadsheets in Grazinginfo are being updated to the latest Excel xlsx version and made easier to use. Red cells are now instructions, blue are formulae not to be typed in, and the yellow cells are the ones for you to enter your information into. The blue formulae cells will then show the suggestions for you to use.

You can access a fertiliser spreadsheet Order, called 'Phosphate Nutrient Planner' from the Spreadsheets Folder. It suggests how much of ten elements to apply. If you would like to see the various levels of phosphates and other elements in most fertilisers, open 'Phosphorus (P) in Fertilisers.xlsx' in Spreadsheets.

Users of the GrazingInfo spreadsheets all agree that they are better than Overseer because it still uses the old fashioned ridiculous 75 cm shallow soil tests and doesn't measure all the minerals that GrazingInfo does, which makes it 50 years behind the times, which I've told the 'establishment' many times. At last they are trying to fix Overseer. GrazingInfo recommends several spreadsheets starting with Plant Mineral Analysis which uses the ryegrass levels of 15 elements, in which 90% of New Zealand tests show calcium is very low, phosphate is adequate, and potassium is dangerously high, killing clovers. Use Lime Nutrient Planner, and Phosphate Nutrient Planner when P level drops. All spreadsheets are now free.

The establishments are against agricultural lime because they are not sponsored by lime companies that sell lime for only \$25/tonne, so don't have the money to give millions of dollars to the establishments, like fertiliser companies have done for decades and still do, from selling P at \$400 and K at \$800/tonne.

Barry Brunton, and Farmer A in 'Milk Profit & Quality' in the Dairying chapter, and hundreds others who applied LimePlus, which was the best fine lime for years and almost doubled pasture production and improved animal health (Read Beef.) so hundreds needed no P or K for four years, saving a lot.

Rorisons had not maintained their grinders so their lime became very coarse, some lumps taking 40 years to become available (Ruakura figures). Graymont AgLime grind theirs to like powder and for most Waharoa is closer, and it contains magnesium which not be added. My comparative lime trials gave 20% more growth in our sweetcorn and our lawn. Also the new staff at Rorisons didn't always use the mix I emailed to them, and didn't always add all the minerals in the mix. My pasture analyses showed this, so I have stopped recommending them. Unfortunately Graymont don't mix in minerals, but plan to. If fertiliser levels are low do something to get funds, and never apply Superphosphate which acidifies your soil.