

The farmers who read a lot do much better than those who don't.

Acknowledged copying is allowed & quoting is encouraged.

Many of the old books and old authors are far better than most current ones some of which are sponsored or are on a fertiliser company commission of some sort, so are biased.

There has not been one written in New Zealand for ages which makes GrazingInfo even more valuable because it is current, updated and paid for by farmers and users, not by commercial marketing companies and sales people.

### Acres USA

They have done a great job in publishing out of print books. Their monthly magazine called Acres USA is available from Acres USA, P.O. Box 91299, Austin TX 78709-1299 e-mail:

<http://www.acresusa.com/other/about.htm> or [info@acresusa.com](mailto:info@acresusa.com) for questions.

They send a complementary issue and a catalog of their books to those who ask. Their many writers cover a variety of topics.

### Animals

Breeds of animals. See <http://www.ansi.okstate.edu/breeds/cattle/>

For other animals change the word 'cattle' for sheep, goats, swine or horses.

Livestock Handling and Transport, edited by Temple Grandin, Ph.D. Wallingford, UK. CAB International, c1993.

#### Contents -

Management and economic factors of handling and transport. T Grandin.

Behavioural principles of animal handling and transport. HW Gonyou.

General principles of stress and welfare. WB Gross and PB Siegel.

Welfare assessment and welfare problem areas during handling and transport. DM

Broom.

Behavioural principles of cattle handling under extensive conditions. T Grandin.

Behavioural principles of pig handling. P.H. Hemsworth.

Behavioural principles of sheep handling. GD Hutson.

Cattle transport. V Tarrant and T Grandin.

Dairy cattle husbandry. JL Albright.

Deer handling and transport. LR Matthews.

Design of sheep yards and shearing sheds. A Barber and RB Freeman.

Dogs for herding and guarding livestock. L Coppinger and R Coppinger.

Facilities for handling intensively managed sheep. HL Williams.

Handling and welfare of livestock in slaughter plants. T Grandin.

Handling cattle in intensive systems. R Ewbank.

Handling facilities and restraint of range cattle. T Grandin.

Horse handling and transport. KA Houpt and S Lieb.

Poultry handling and transport. C Nicol and C Saville-Weeks.

Transport of pigs. E Lambooij and G van Putten.

Beef Tropical Beef Centre, University of New England, Armidale, NSW, Australia.

Fax +61-2-6773-3500 for their South Burnett Field Day handout, 1997.

**Cancer: Cause & Cure** by the late Percy Weston, farmer in Australia. He blamed superphosphate for his and animals bad health, when it could ALSO have been low Selenium which is made worse by

the 11% water soluble sulphate in superphosphate leaching it, potassium, and other elements, and because of typical lack of humus, calcium & sodium, holding it. Additionally, selenium is less available in lime deficient soils. See Elements > Selenium and Human Health > Selenium.

**Codacide** adjuvant reduces toxic spray drift and halves the amount of product needed.

<http://www.microcide.co.uk/whyUse.html>

### **Crop Hunger Signs, 19 authors, American Society of Agronomy.**

Dairy Dairying with Improved Breeds in Warm Climates by RE McDowell. ISBN 1-880762-05-6.

Nutrient Requirements of Dairy Cattle (there are ones for other stock), 2001, National Academy Press, 2101 Constitution Ave, NW, Washington, DC 20418, USA. Excellent.

The Untold Story of Milk by Ron Schmid, ND. 2003. ISBN 0-9670897-4-3

[www.NewTrendsPublishing.com](http://www.NewTrendsPublishing.com) USA. It is an excellent book on milk consumption throughout the world. It emphasises the benefits of raw milk from pasture and gives facts galore.

US and NZ parlor photos showing designs and farm details. <http://grassfarmer.com/>

**Deer Farming** by David Yerex, NZ Publications, Box 594, Masterton, New Zealand.

Nutrition & Management of Deer on Grazing Systems, Lincoln University, published by New Zealand Grassland Association, Box 5517, Wellington, New Zealand.

**Dung Beetles**, CSIRO Book Shop, Box 89, East Melbourne, Vic 3002, Australia. Phone +61-3-418 7333.

**Everything I Want to do is Illegal** by Joel Salatin, from Acres USA at [www.acresusa.com/magazines/magazine.htm](http://www.acresusa.com/magazines/magazine.htm). It is amusing, educational and sad.

### **Farming Naturally & Organic Animal Care**

Night Owl Publishers Pty Ltd, Box 242, Euroa 3666, Australia.

**Fertilisers** An old New Zealand 'establishment' book on fertilisers has so much incorrect information that I won't recommend it. There are many books written with serious inaccuracies. Some wrong information from them is still being applied, so some farmers are losing millions of dollars in total by copying them. If what you read doesn't work, ignore it. Coming from a person with a title doesn't make it right, and what was right last decade, or even yesterday, can be wrong today.

If you see anything that is incorrect in GrazingInfo, please tell me through support@grazinginfo.com

**Food - In Defense of Food** by Michael Pollan (writer of "The Omnivore's Dilemma") and the New York Times. One of the critical points in the book is how wrong the USA government was in pushing the low fat and fake fat diets in the name of health. This policy caused more health problems than it solved, evidenced today by high rates of heart disease, diabetes, and related problems. He explains very nicely and in a practical way how to avoid obesity, just by eating good natural food rather than prepared fast foods. See Human Health > Extras. The book concludes that we should take everything in moderation and eat only natural fats and meats. If a food item has more than five ingredients, or if it has ingredients you can't pronounce, it is not food! A related rule is that if your great-grandmother would not recognize it as food, it isn't food! He makes a strong case for organically grown pasture-fed beef and natural game. Pollan also documents in these books how corn (and wheat VJ) has taken over the food industry.

### **Goats**

The Nutrition of Goats. ISBN 0 85199 2161. CAB International, Wallingford, Oxon OX10 8DE,

UK, or CAB International, 198 Madison Ave, New York, NY, 10016-4314, USA. 1998.

**Grass Farming** by M. McG Cooper (ex New Zealand head of Massey University dairy husbandry, chair on Wye Ag College, etc. and DW Morris (was principal of Welsh Ag College). Both were farmers. Written in UK. Farming Press Ltd, Wharfedale Rd, Ipswich, Suffolk, UK. 1979, but a very good book.

**Grasslands of New Zealand** by Sir Bruce Levy, 1951. Quoted in this eBook, is out of print, however, is sometimes found in used-bookshops. An excellent book even today.

**Guide to Better Pastures for the Tropics and Subtropics** by LR Humpheys and IJ Partridge of Wrightson Seeds, Box 939, Christchurch, NZ has 94 pages in colour describing grasses and legumes.

### **Investing for profit**

What Your Accountant Doesn't Tell You by Fiona Claton-Law. New Zealand. Ph +64-6-877-4855. Very good. 2000. ISBN 0-473-06911-3

### **Lime, Fertilisers, Soils & Trace Elements, from USA.**

All, including New Zealand scientists, researchers and of course farmers should read the book "More Food From Soil Science" (The natural chemistry of lime in agriculture) 1965 by VA Tiedjens. It came from Growers Chemical Corp, Milan, Ohio, 44846, USA. Phone (419) 499-2508. ISBN 0-682-43057-9 or try [www.amazon.com](http://www.amazon.com) It shows that I'm not the only one in the world who knows about the 55 benefits of calcium with its synergisms.

The book is not just chemical theory. It gives hundreds of success examples. It is about the importance of applying lime first, i.e., before applying other elements. His book is brilliant. A very kind follower of mine, Ken Scharabok, of Waverley, Tennessee, gave it to me after one of my many controlled grazing seminars in USA from 1980 until 1992. He asked if I had read it because I was saying the same things as in its 300 pages. I didn't even know it existed. I'm grateful to Ken because VA Tiedjens confirms what I had practised since 1957, after I noticed that wherever a heap of bulk lime had been stored in a paddock or where I spilt some, the pasture grew so much better than even where raw peat got about 10 tonnes per hectare (4 t/acre). Extra lime made the pasture softer and more palatable so animals grazed it shorter and earthworms increased more. See Elements > Calcium and Soils > Peat.

Many who have bought it have thanked me and I don't then have to spend hours persuading them to apply a capital dressing of lime on New Zealand's typically very Ca deficient soils (not just peat) growing Pennyroyal, dandelions, buttercups, rushes, and other acid loving weeds, and much more clover and then grasses than urea or any other nitrogen or fertiliser. LimeMagPlus is a fertiliser.

I have asked many in USA if the 'establishment' there has accepted what Tiedjens had proved in 1965 and they all said, "No". Lime companies selling lime at \$25 a tonne can't pay for the typical USA university statement said to me by those I contacted to do grazing trials for USA farmers. "Give us \$100,000, and we'll prove anything for you."

New Zealand's Labour/ACT government policies in 1984 cut government payments for agricultural research so caused the same here, causing no more research on lime, so the promotion of Frank van der Elst's 1954 research that I proved in 1958 was wrong, is still quoted today. It was wrong because it was on very raw dead poor Rukuhia peat with no earthworms to take the calcium and minerals down, and had not had a capital application of lime and the deficient trace elements. Tiedjens, I and many of my clients confirmed that correctly farmed peat does absorb lime and benefits from it.

Frank came to our Piako Road farm in about 1957 to discuss it and chisel ploughing and fertilising more heavily than he did, all of which were giving far better results.

Many of the above facts work on most soils.

### **Malabar Farm**

In 1951 I read this, now out of print book, by USA farmer Louis Bromfield who in the late 1940s bought four dust-bowl, run-down farms, in Ohio, USA. They were ruined by repeated mouldboard ploughing, mining the top 15 cm and other bad farming practises. Bromfield changed the 400 ha of eroded, weedy dried up springs land, to grazing green pastures which returned animal manure and organic matter instead of harvesting and removing it annually. Clean streams and sustainable farming returned thanks mainly to chisel ploughing. His model Malabar Farm is now State run, attracting 200,000 visitors a year. Reading his book in 1952 helped me improve my parents 100 ha mixed farm that I was managing in Natal, South Africa where I was born, and then to improve the undeveloped, over-drained 40 ha peat farm I bought in New Zealand in 1955. There are many benefits of chisel ploughing, but some people love mouldboard ploughing inverting the soil and hoeing, to the detriment of their soils and bank balance. Wind and water erosion after these can be excessive, whereas after chiselling it is usually minimal. See Soils > Cultivation.

**Mineral Levels in Animal Health** (Diagnostic Data) by R. Puls. Sherpa International, Box 2256, Clearbrook, BC, V2T 4X2, Canada.

**New Zealand Workshop on Trace Elements** 1981 Proceedings.

**Nitrate, Agriculture & the Environment** by TM Addiscott. Information on the environment, climate, temperatures, nitrates, fertilisers, political causes of problems by subsidies, etc. It corrects a lot of bureaucrat inaccuracies.

**New Zealand Grasslands Association** PB 11008. Palmerston North, New Zealand. Joining for \$30 per annum includes their annual proceedings.

**Organic Inc** ISBN-10: 0-15-101130-3 USA. History, statistics, chemicals and ofcourse organics.

**Pastures & Pasture Plants** edited by RHM Langer (AH & AW Reed). Very good.

Pastures, Their Ecology and Management, by RHM Langer, Oxford University Press. ISBN 0 19 558174 1. 1990. Excellent.

**Plowman's Folly** 1943 by Edward H Faulkner of Oklahoma, USA, wrote about the many faults of mouldboard ploughing which are still true today in many countries, and yet farmers still mouldboard plough rather than chisel plough, or worse still, rotary cultivate which destroys the soil structure.

**Running a Small Flock of Sheep** 2nd edition 2006. Australian CSIRO Publishing. <http://www.dadirect.com/>

**Scared to Death** from BSE, Global Warming, by Christopher Booker and Richard North. ISBN 2-8264-8614-2.

It shows what some of us know, so gives us confidence. For example there have been media scares of bugs going to kill us all, and an endless list that were never as bad as the media, greenies, politicians and scientists made out.

We now know that the Global Warming as such is a farce. Vikings used to sail across the North Pole (Arctica).

It cooled slightly until 1975, then warmed slightly until 2006 and is now cooling again. Warming was promoted by thousands of so called scientists for years after it was actually cooling again, and promoted by some money makers, selling films, cinema tickets, wind generators, biofuel plants, etc. Before their ink was dry, Global Warming changed to Climate Change, causing gullible governments to spend millions on Kyoto rules which is a bigger bureaucratic farce than anything before. The globe is

not warming nor is the climate changing any more than in the past, so Kyoto should close, but the air polluted by some countries is causing floods and droughts in North Africa, Australia and New Zealand.

Running out of fuel in a decade was another. Now the prediction is 50 years. Meanwhile the North American who drove his BMW on processed water and an additive was poisoned, was not investigated, and an Australian whose motorbike did the same, was paid a million dollars to remain silent.

### **Sheep**

Everyone with even a dozen sheep should read the Sheep chapter in this eBook. If with more sheep read the books on Sheep in Further Reading.

**Sheep, Health, Disease and Production** (ISSN 0112-9643) from the Foundation for Continuing Education of the NZ Veterinary Association, Massey University, Palmerston North, New Zealand (1993) is a scientific book 400 A4 pages long.

### **Shelter and trees**

Growing Poplar and Willow Trees on Farms by New Zealand National Poplar and Willow Users Group. ISBN 978-0-473-12270-6, from Institute of Veterinary Animal and Biomedical Science, Massey University, Private Bag 11-222, Palmerston North, New Zealand. This 70 page NZ\$10.00 booklet is very comprehensive on Poplars and Willows and is well worth owning. It covers growing them for shelter, shade, browsing, yielding up to 11,000 kg of dry matter animal feed per hectare (10,000 lb per acre) during spring and summer and reducing hillside erosion.

**Stargrass is a Winner** Out of print. Search second hand shops. Stargrass is a vigorous, spreading, tropical grazing grass.

**The Handbook on Trace Elements** by Istvan Pais and J Benton Jones Jnr (1997). ISBN 1-884015-34-4.

**The Omnivore's Dilemma** by Michael Pollan, New York Times journalist. 2006. ISBN 0 7475 8675 6. This is about the USA farming history (not farming technology), human fattening food, USA disastrous organic farming rules, government policies of keeping small farmers as peasants, despite frequent 50% farm subsidies of US\$19 billion per annum, most of which end up in the pockets of large industrialised farming, and a lot more, such as a chapter on the very interesting mixed farming by Joel Salatin on his highly productive Natural farm.

### **The Stockman Grass Farmer** monthly Magazine. Founded in 1947.

"The Stockman Grass Farmer monthly is the bible for people raising animals on pasture." New York Times 1 June 2005.

[www.stockmangrassfarmer.net](http://www.stockmangrassfarmer.net)

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Information on purchasing an international subscription by air mail or periodical rate is available plus a form for a free Sample copy.

See their Book Shelf for dozens of farming books.

**Trace Elements in Soils and Crops** 1966, MAFF, UK.

**Trace Elements in Soils and Plants** 3rd edition, 2000, Alina Kabata-Pendias. CRC Press, ISBN 0-8493-1575-1. Contains highly scientific information and is an in depth record of elements.

**Trace Elements in Soil-Plant-Animal Systems** edited by DJD Nicholas and Adrian R Egan (1975). ISBN 0-12-518150-7. Contains many proceedings by various authors of trials and research mainly in Australia, but is low on solutions.

**Turnips for Profit** by Peter Notman of Agvice Australia Pty Ltd, Box 43, Nyora RD, Poowong, Victoria 3988, Australia. Ph: 03-565-92314 <notmanag@dcsi.net.au>

Weather Climate and truth about them All should read "A Skeptical Environmentalist" by Bjorn Lomborg for the truth about our world. Cambridge University Press. ISBN 0 521 01068 3 paperback, 0 521 80447 7 hardback. Lomborg gives names of so-called scientists who had given incorrect information on global warming. Some of them took him to court, but he won all cases. He shows that we are not running out of essential resources despite fuel and water usage increasing. In 1900 people lived to an average of 30, in 2000 to 67, poverty has reduced more in the last 50 years than in the preceding 500. In 1970 35% of people were starving, in 1996 only 18%. Join the free Carbon Sense Coalition at <http://www.carbon-sense.com/>

**Weeds of New Zealand** by FW Hilgendorf, Whitcombe & Tombs, New Zealand.

New Zealand Common Weeds in Colour by EA Upritchard, New Zealand Weed & Pest Control Society (Inc), Box 85, Hastings, New Zealand.

Identification of Weeds, Western Australian Department of Agriculture. ISSN 0729-0012.

**White Clover New Zealand's Competitive Edge**, by TW Walker of the Agronomy Society of NZ, Private Bag 4704, Christchurch, NZ, or NZ Grasslands Association, PB 11,008, Palmerston North, New Zealand. A very good book, but written in 1995 so will recommend Kopu which only lasts a few years. Google for it \$15.

Vaughan Jones

Agricultural consultant & journalist

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