

## 60 GrazingInfo Spreadsheets Software for Agriculture

These metric or imperial (for USA) templates help with more farming calculations than any other farming software package, but they don't replace farm accounting programmes. Each VJ template operates on a spreadsheet on any computer, so can be altered to suit your farm, and the figures can be graphed. They are simple to use. The few instructions that are necessary are on each spreadsheet, making learning and operating faster than using a separate instruction book.

They are Copyright since 1985, and have been improved as required.

### Testimonials

Waikato dairy farmer Craig Brown emailed, "Very useful, Feed Budget is very good & has all the relevant and other useful information. Being spreadsheets means you can tweak them to your requirement. An excellent buy."

Craig Benbow, Applied Management and Computing Division, Lincoln University, Christchurch, New Zealand, wrote, "I appraised GrazingInfo spreadsheets and found them comprehensive and easy to use".

Farmer users vary in their requirements so can adjust the spreadsheets for their farm.

For USA use, some templates are in both hectares and acres or kg and lbs so whichever is entered applies. Some spreadsheets have been written separately in kg and ha and in pounds and acres.

The price for more than 50 spreadsheets is only NZ\$230 with GST, or US\$180. Please send payment with order. Tax savings reduce the cost.

Animal Stock Units NZ & USA figures for -

Areas Volumes Silage Water. Enter dimensions and it gives answers.

Bank Loans - Cost Of.

Beef & Sheep Cash Flow

Beef Animal Daily Pasture Requirements & Growth in kg DM/head/day on good temperate pastures.

Beef Feed Budget kg

Beef Feed Budget lb

Beef Gains kg/DM fed

Beef Gains lb/DM fed

Beef Heifer Liveweight Gains

Beef Pasture Requirements

Best Stocking and Calving Date

Breeding, Pulse Rates & Temperatures and birth dates from conception.

Business Cards. Make your own for just a few cents each.

Calculate Area Volumes

Calculate Fert & Effluent Nutrient Values

Calendar Diary

Calf & Heifer Rearing Costs

Compound interest

Conversions Metric \$ Time Temperature

Costing Pasture Hay Silage  
Cost of bank Loans  
Cow Data & Earnings NZ Records  
Crop & Pasture Costs  
Crop Silage Hay Cost Comparisons  
Dairy # Cows For Max Profit  
Dairy # Cows To Milk lb  
Dairy Calving to Match Pasture  
Dairy Cash Flow  
Dairy Costing Upgrade  
Dairy Cow Earnings Corrected  
Dairy Discuss Group Records  
Dairy DM to Feed/Day  
Dairy DroughtFeedBudget  
Dairy Feed Budget kg  
Dairy Feed Budget USA lb  
Dairy Grain/CowProductn  
Dairy Heifer Grazing Costs.  
Dairy Heifer Growth and Targets  
Dairy Parlor Upgrade Profit  
Dairy Production/Cow Target  
Dairy Replacement Rearing Costs  
Declaration Non-disclosure  
Discussion Group Stats  
Envelope Addressing Place lengthwise  
Farm Profit &/ha &/a  
Farm Stats Record  
Feed & Crop Seeding  
Feed Costs Crop Silage Hay Pasture  
Feeding Soluble Minerals  
Feeding Tips & Statistics  
Fert & Effluent Nutrient Values  
Fert & EffluentValues  
Fert Application and Returns  
Fert Application Rates  
Fert Beef Record & Calculation  
Fert Dairy Records & Calculation  
Fert Nitrogen DM Returns  
Fert Order lb Chd  
Fert Return Taranaki Value Land  
Gestations, Pulses & Temps  
Grazing % Rule kg & lb  
Grazing On or Off

Grazing Records Paddock Production  
Interest Rates True  
Investment Analyser  
Investments Apartments  
Investments Commercial  
Investments Off Farm Example  
Invoice  
Irrigation Value Calculation  
Land Price & Pasture Yield Effect  
Loan Overdraft Interest Rates  
Mailing Labels  
Maximum Dairy Profit  
Mineral Requirements of Animals  
Nitrogen Yield Return  
Non Disclosure  
Pasture Analyses Stats  
Pasture Analysis Record  
Pasture Crop Silage Hay Costs  
Pasture Element By Season  
Pasture Tissue Analysis  
Pedigree Recording Form  
Questionnaire Dairy.xls  
Questionnaire Drystock.xls  
Rearing Costs Calves Heifers  
Small Farm Budget  
Spreadsheet Empty Master  
Stock Units NZ-Animal Units USA  
Table Mortgage Calculator  
Tractor Operating Times  
Trials Pasture Fertilisers Crops

The following explains some of the above.

Conversion Calculator metric to imperial and Celsius/Fahrenheit both ways, exchange rates, times in countries, urea spreading, mineral weights to feed, tractor timing & areas covered and many more.

Cow Data and Earnings by Fat + Protein - Litres, age and weight corrected. Selects most profitable cows to keep and breed from or cull. Can use LIC or Fonterra payout projections. Written before the LIC Breeding Worth. In fact I suggested to Dr Brian Wickham in 1986 that this system was needed. They released BW seven years later, but with complications. See Ambreed web page [www.ambreed.co.nz/](http://www.ambreed.co.nz/) Merit Index and

[www.ambreed.co.nz/view\\_news.cfm?id=20](http://www.ambreed.co.nz/view_news.cfm?id=20)

This VJ Template, like all, can be adjusted to suit your requirements.

Crop & Pasture Production Costs & Returns. Your farm and costs can be added.

Dairy Feed Budget. Record monthly (or more frequent) pasture cover and growth, and helps budget feeding of pasture, hay, silage and grain, giving stocks of each remaining after each period. Helps decide when to harvest and when to cull. Gives expected production, so if not being achieved, reasons can be sought. Gives eye assessing methods and figures in DM.

Dairy Heifer Grazing Off Costs, Target weights (essential to ensure optimum size) and Financial benefits.

Dairy Production & Earnings/Milking cow from grain. US and NZ figures.

Discussion Group comparative records. Production/farmer/cow/ha or acre &/person.

Element requirements per animal per day. Shows how much should be in pastures, crops and other feeds.

Farm Profit and per hectare or per acre to compare profits between years and farms.

Farm Statistics. Records farm, paddock, grazing, fertilising and any other statistics.

Beef Feed Budget. Records monthly (or more frequent) pasture cover and growth, and helps budget feeding of pasture, hay, silage and grain, giving stocks of each remaining after each period. Helps decide when to harvest and when to cull. Gives expected production, so if not being achieved, reasons can be sought. Gives eye assessing methods and figures in DM.

Fertiliser Order. Calculates fertiliser and element costs, and after income tax.

Fertiliser Phosphate Recommendations based on production of dairy farms.

Fertiliser Phosphate Recommendations based on production of dry-stock farms

Fertiliser Phosphate Returns showing the financial benefits of capital dressings.

Fertiliser Values by kg of phosphate and other elements in main fertilisers.

Interest Rate calculations including compound and Interest Rates annual versus Quarterly and Monthly premium payments.

Investment Off-farm Profits. Shows returns from residential flats/apartments.

Invoice for your use. Adjust to suit your farming type. Does GST or sales tax if required.

Irrigation Calculations to work out cost effectiveness of installing irrigation.

Land Prices Effect on Costs. Calculates the land cost share of milk, meat and wool.

Loan to Overdraft Ratio. Helps work out optimum overdraft to loan levels.

Mailing Labels for use by contractors, secretaries of organisations, etc.

Maximum Production. 40% rule for optimum milk and/or meat production.

Maximum Profit. Calculates the optimum number of cows to milk for maximum overall profit from pasture. Figures from Farms of Year winners are included for comparison.

Milking Parlour Upgrade. Likely returns from upgrading parlors for faster milking.

Pasture Analyses Records. Keeps annual figures.

Pasture Analysis. Shows optimums and effects of low and high levels.

Pedigree Form. Lists three generations. Easily personalised for your stud.

Production per Cow Targets. Allows corrective action to be taken as soon as possible.

Rearing Costs - Calves & heifers.

Trial returns from different fertilisers, pasture species, subsoiling, etc.

Volume, Area & Silage for tanks, silage, etc.

**Weight Gains by Area and Mob (Group).** Weigh and record monthly beef and dairy heifer growth figures for animal growth monitoring to make feed corrections as soon as possible. These figures also give information on the pasture fed and quality.

**Weight Gains/Animal and/Area.** Helps select the fastest growing beef animals for dam and sire surveys. To select for feed conversion, beef weight gains must be measured on a per animal and per hectare basis. Both are necessary for comparing weight gains between mobs and between years. Tax savings reduce the cost.

Vaughan Jones ONZM\*, Dairying honours, M.Mkt.I

\*Queen's honour for services to the farming industry.

International Agricultural Consultant, Journalist & Author.

GrazingInfo Ltd