



NZ Farm Data Standards

Financial Data Standard

Version 1.1



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15 December 2015

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Acknowledgements

Part funded by New Zealand dairy farmers by DairyNZ and the Ministry for Primary Industries through the Primary Growth Partnership funding to 'Transforming the Dairy Value Chain'. Part funded also by the Red Meat Profit Partnership through its Primary Growth Partnership with Ministry for Primary Industries, Alliance Group, ANZCO Foods, ANZ Bank, Beef + Lamb New Zealand Limited (representing sheep and beef farmers), Blue Sky Meats, Greenlea Premier Meats, Progressive Meats, Rabobank, and Silver Fern Farms. Co-funding was provided by FarmIQ Systems Limited.



1 Document Management

1.1 Referenced Documents

Wolfert, S and Allen, J. Farming for the future: Towards better information-based decision-making and communication. 2011. A Report for the Centre of Excellence in Farm Business Management

1.2 Related Documents

Related standards documents to be published in 2014 on the [Farm Data Standards website](#) include:

- [Stock Reconciliation Data Standard](#)
- [Animal Data Standard](#)
- Land Application Data Standard
- Irrigation & Effluent Data Standard.

1.1 Latest Revisions

The users of this Standard should ensure that their copies of the above-mentioned documents are the latest revisions. The latest version of this Standard will always be published at www.farmdatastandards.org.nz.

1.2 Review of Standards

Suggestions for improvement of this document will be welcomed. Submit your comments using the feedback mechanisms at www.farmdatastandards.org.nz.

2 Introduction

Pastoral farming is becoming a data rich activity. Most biophysical processes from soil nutrient management to animal performance have both paper based and more organised data bases recording status, productivity and intentions. There are a significant number of tools covering livestock, nutrition and financial management¹. Most of these require the user to re-enter data from other sources and they overlap in functionality. It is probable that if data had been more accessible their design would have better focussed on the service they undertook to provide. Farmers will benefit from a highly innovative technology sector that delivers applications that are simple to use and access, which source the information they need without impedance and deliver value.

This document is part of a work stream focusing on Data Standards for interchanging information for agriculture. Work on this project area commenced in late 2013, funded by DairyNZ and with contributions from FarmIQ Systems and Rezare Systems.

2.1 Outcome Statement

Broad adoption of a common vocabulary and data dictionary for exchange of farm information will result in farmers and other industry parties entering data only once and having that data readily accessible for populating multiple decision-making systems. As a result, industry and individual farm businesses will be better placed to undertake systems analysis to inform management practice. More accurate and structured interchange of farm data will also support industry performance targets and benchmarking.

2.2 Scope and Application

This standard addresses the following areas of data interchange:

- Representing transactional financial information, either in budget or actual transactions;
- Representing balance sheet information; and
- Representing key performance indicators typically used in benchmarking or comparison of farm systems, or in concert with financial reporting of a farming enterprise.

¹ Wolfert, S and Allen, J. Farming for the future: Towards better information-based decision-making and communication. 2011. A Report for the Centre of Excellence in Farm Business Management pp 27.

The data dictionaries defined in this standard are intended to support standardised interchange of financial data for benchmarking, tools, and analysis, and are not intended as a mechanism for E-Commerce (other standards such as EDIFACT, UBL and EANCOM/GS1 XML support this).

2.3 Interpretation

For the purposes of this standard, the word SHALL refers to requirements that are essential for compliance with the standard, while the word SHOULD refers to practices that are advised or recommended. The term MAY is used to distinguish a permissible or optional practice.

The terms 'Normative' and 'Informative' have been used in this standard to define the application of the Appendix to which they apply. A 'Normative' Appendix is an integral part of a standard while an 'Informative' Appendix is only for information and guidance.

2.4 Definitions and Abbreviations

For the purposes of this standard, the following definitions shall apply:

Term	Definition
EANCOM/GS1 XML	GS1 standards for business messaging ²
EDIFACT	United Nations rules for Electronic Data Interchange for Administration, Commerce and Transport ³
KPI	Key Performance Indicator
UBL	OASIS Universal Business Language ⁴
GST	Goods and Services Tax
RSU	Revised Stock Unit
FTE	Full Time Equivalentents (usually in reference to staff)

² See http://www.gs1.org/gsmpr/kc/ecom/eancom_overview

³ See <http://www.unece.org/cefact/edifact/welcome.html>

⁴ See <http://docs.oasis-open.org/ubl/os-UBL-2.1/UBL-2.1.html>

3 Data Dictionary – Actual Transactions

This data dictionary SHALL be used in developing messages for interchange of actual financial transactions for benchmarking and analysis.

3.1 Transaction Elements

Attributes or Fields	Data Type	Notes
Transaction ID	Identifier	Unique identifier for the transaction in the source system
Transaction Number	Number	A visual number or identifier for the transaction (typically bounded to farm/enterprise)
Transaction Date	ISO 8601 Date	The date of the transaction
Posting Date	ISO 8601 Date	The date of financial posting (for instance invoice date may be later than the actual sale event)
Reference	String	A reference code such as an invoice number or purchase order number
Other Party ID	Identifier	An identifier of another party within the source system
Other Party Contact	String	Name, short form contact details of supplier/receiver. Only intended for reference, not e-commerce.
Created Date	ISO 8601 Date	The date in which the transaction was created, with time-zone information if required. May be used for synchronisation.
Updated Date	ISO 8601 Date	The date in which the transaction was updated, with time-zone information if required. May be used for synchronisation.
URL	URL	Link to a source document
Sub Total	Float	Sub-total of the item line amounts in the transaction
Sub Total Tax	Float	Sub-total of the tax item line amounts in the transaction

3.2 Transaction Line Elements

Attributes or Fields	Data Type	Notes
Line ID	Identifier	Identifies the transaction line in the source system
Line Number	Number	Provides a line number within the transaction
Account ID	Identifier	Unique identifier of the account in the source system

Attributes or Fields	Data Type	Notes
Account Code	String	Numeric or string account ledger code as defined in the source system for that farm or enterprise
Industry Account Code	Enumeration	Industry standard account code (used for benchmarking/reporting). See Appendix A.1
Category	String	Optional additional categorisation (source system or agreed between exchanging parties)
Net Amount	Float	The net amount for the transaction; positive for a debit and negative for a credit
Tax Amount	Float	The amount of tax in the transaction
Tax Type	Enumeration	The tax type (see Appendix A.2)
Gross Amount	Float	The tax inclusive amount (Net Amount + Tax Amount)
Price Basis	Enumeration	Describes the pricing basis of the transaction – see Appendix A.3
Description	String	Description of the transaction
Quantity	Float	Describes the number of units involved in the transaction
Unit	Enumeration	Describes the unit of measure for the item in the transaction; see Appendix A.4
Net Unit Amount	Float	Describes the value of one unit (Net Amount / Quantity)
Currency	Enumeration	ISO 4217 International currency code
URL	URL	Link to a source document

4 Data Dictionary – Aggregated and Budget Transactions

This data dictionary SHALL be used in developing messages for interchange of budget or aggregated financial transactions for benchmarking and analysis.

Attributes or Fields	Data Type	Notes
Opening Date	ISO 8601 Date	The opening date/time of the reporting period.
Transaction Period	ISO 8601 Duration	The duration of a reporting period. For instance, “P1M” is the ISO 8601 short form for one month.
Closing Date	ISO 8601 Date	Opening Date and Closing Date may be specified in place of Opening Date and Transaction Period.
Created Date	ISO 8601 Date	The date in which the transaction was created, with time-zone information if required. May be used for synchronisation.
Updated Date	ISO 8601 Date	The date in which the transaction was updated, with time-zone information if required. May be used for synchronisation.
Transaction Type	Enumeration	‘Budget’ or ‘Aggregate’
Account ID	Identifier	Unique identifier of the account in the source system
Account Code	String	Numeric or string account ledge code as defined in the source system for that farm or enterprise
Industry Account Code	Enumeration	Industry standard account code (used for benchmarking/reporting). See Appendix A.1
Category	String	Optional additional categorisation (source system or agreed between exchanging parties)
Net Amount	Float	The net amount for the transaction; positive for a debit and negative for a credit
Tax Amount	Float	The amount of tax in the transaction
Tax Type	Enumeration	The tax type (see Appendix A.3)
Gross Amount	Float	The tax inclusive amount (Net Amount + Tax Amount)
Price Basis	Enumeration	Describes the pricing basis of the transaction – see Appendix A.3
Description	String	Description of aggregated or budget transaction
Quantity	Float	Describes the number of units involved in the transaction
Unit	Enumeration	Describes the unit of measure for the item in the transaction; see Appendix A.4
Net Unit Amount	Float	Describes the value of one unit (Net Amount / Quantity)
Currency	Enumeration	ISO 4217 International currency code

5 Data Dictionary – Balance Sheet Items

This data dictionary SHALL be used in developing messages that describe opening or closing balances in assets, liabilities, and funding.

Attributes or Fields	Data Type	Notes
Opening Date	ISO 8601 Date	The opening date/time of the reporting period.
Balance Period	ISO 8601 Duration	The duration of a reporting period. For instance, “P1M” is the ISO 8601 short form for one month.
Closing Date	ISO 8601 Date	Opening Date and Closing Date may be specified in place of Opening Date and Transaction Period.
Created Date	ISO 8601 Date	The date in which the item was created, with time-zone information if required. May be used for synchronisation.
Updated Date	ISO 8601 Date	The date in which the item was updated, with time-zone information if required. May be used for synchronisation.
Account ID	Identifier	Unique identifier of the account in the source system
Account Code	String	Numeric or string account ledger code as defined in the source system for that farm or enterprise
Industry Account Code	Enumeration	Industry standard account code (used for benchmarking/reporting). See Appendix A.1
Category	String	Optional additional categorisation (source system or agreed between exchanging parties)
Net Amount	Float	The net amount for the transaction; positive for a debit and negative for a credit
Gross Amount	Float	The tax inclusive amount (Net Amount + Tax Amount)
Price Basis	Enumeration	Describes the valuation basis of the item – see Appendix A.3
Description	String	Description of the item
Quantity	Float	Describes the number of units involved in the item
Unit	Enumeration	Describes the unit of measure for the item; see Appendix A.4
Net Unit Amount	Float	Describes the value of one unit (Net Amount / Quantity)
Currency	Enumeration	ISO 4217 International currency code

6 Data Dictionary – Key Performance Indicators

This data dictionary SHALL be used in developing messages that describe key performance indicators that accompany financial reporting or are used in benchmarking.

Attributes or Fields	Data Type	Notes
Opening Date	ISO 8601 Date	The opening date/time of the reporting period.
Transaction Period	ISO 8601 Duration	The duration of a reporting period. For instance, “P1M” is the ISO 8601 short form for one month.
Closing Date	ISO 8601 Date	Opening Date and Closing Date may be specified in place of Opening Date and Transaction Period.
Transaction Period	ISO 8601 Duration	The financial reporting period (typically a month or year) of the transaction
Created Date	ISO 8601 Date	The date in which the transaction was created, with time-zone information if required. May be used for synchronisation.
Updated Date	ISO 8601 Date	The date in which the transaction was updated, with time-zone information if required. May be used for synchronisation.
KPI Measure	Enumeration	KPI measure being expressed. See Appendix B.1
KPI Denominator	Enumeration	Denominator of the KPI (if any). Typical denominators include /ha, /FTE, /hd. See Appendix B.2
KPI Amount	Float	Actual value of the KPI
Unit	Enumeration	The units of the KPI
Currency	Enumeration	ISO 4217 International currency code

Appendix A Lists of Enumerated Values

A.1 Industry Standard Account Codes

This part of the Appendix offers a standardised mapping system for a Farm Chart of Accounts. The Account Codes in this document are not intended to prescribe a reporting structure for financial reports, but rather to support mapping to a standardised coding for data interchange.

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A1 - 1 Statement of Profit and Loss

1.1 Revenue and/or Farm Trading

Mapping Code	Descriptor	Source Accounts
1100	Beef gross surplus/(deficit)	3.1
1200	Sheep gross surplus / (deficit)	3.2
1300	Dairy cattle gross surplus/(deficit)	3.3
1400	Total Milk revenue	3.4
1500	Wool revenue	3.5
1600	Cropping, Horticulture and Grazing revenue	
1700	Lease income	
1900	Other farm income	3.6
1000	Total Farm Income (Adjusted for Livestock Movement)	

1.2 Other Revenue

Mapping Code	Descriptor	Source Accounts
2000	Other Income (Off Farm)	3.13
2500	Exceptional/capital revenue	

1.3 Farm Working Expenses

Mapping Code	Descriptor	Source Accounts
4100	Farm Operating Expenses	3.7
4200	Repairs and maintenance	3.8
4300	Vehicles	3.9
4400	Rates and insurance	3.10
4500	Administration	3.11
4000	Total Farm Working Expenses	

1.4 Other Expenses

Mapping Code	Descriptor	Source Accounts
5100	Depreciation and Amortisation	3.15
5200	Interest, rent and lease	3.12
5300	Shareholders Remuneration / Drawings	
5400	Other Expenses (Off Farm)	3.14
5500	Income tax expense	
5600	Exceptional/capital expenses	

1.5 Profit/Loss Calculations

A variety of profit and loss calculations are used across the industry. It is strongly recommended that organisations SHOULD pass only raw account data between systems, and implement profit and loss calculations after the data is received. If organisations choose to pass profit and loss calculations, they MAY use these codes to identify the data.

Mapping Code	Descriptor	Source Accounts
6010	Cash Operating Surplus	
6011	Cash Operating Surplus – Discretionary Cash	
6012	Cash Operating Surplus/Deficit	
6020	Earnings before Interest Tax Depreciation Amortisation and Rent (EBITDAR)	
6025	Earnings before Interest Tax and Rent (EBITR)	
6030	Dairy Operating Profit	
6031	Dairy Operating Profit – Business Profit before Tax	
6032	Dairy Operating Profit – Equity Growth from Profit	
6040	Net Farm Surplus/(Deficit)	
6045	Total Operating Profit	
6050	Surplus/(Deficit) after Shareholders Remuneration	
6060	Net Profit/(Loss) before Tax	
6070	Net Profit/(Loss) after Tax	

A1 – 2 Balance Sheet

These mapping codes MAY be used in developing messages for interchange of actual financial statements for benchmarking and analysis.

2.1 Equity

Mapping Code	Descriptor
9100	Issued capital
9210	Retained earnings/(Accumulated losses) – Opening Balance
6070	Retained earnings/(Accumulated losses) -Net profit/(loss) after Tax
9220	Retained earnings/(Accumulated losses) - Dividend paid to owners
9200	Retained earnings/(Accumulated losses) - Closing balance
9310	Livestock Revaluation Reserve - Opening balance
9320	Livestock Revaluation Reserve - Holding gains/(losses) on revaluation of livestock
9330	Livestock Revaluation Reserve - Transfer to retained earnings on disposal of livestock
9300	Livestock Revaluation Reserve - Closing balance
9410	Asset Revaluation Reserve - Opening balance
9420	Asset Revaluation Reserve - Revaluation of land and buildings
9430	Asset Revaluation Reserve - Revaluation of investment shares
9400	Asset Revaluation Reserve - Closing balance
9510	Realised Capital Reserve -Opening balance
9520	Realised Capital gain(loss) on sale
9500	Realised Capital Reserve - Closing balance
9000	Total - Equity

2.2 Assets

Mapping Code	Descriptor	Source Accounts
7110	Bank and short-term deposits	
7120	Account receivables	
7130	GST Receivable	
7140	Income equalisation deposit	
7150	Agricultural produce on hand	3.16
7160	Income tax receivable	
7170	Other current assets	3.17
7100	Total - Current Assets	
7200	Property, plant and equipment	3.18
7300	Investment property	
7400	Livestock on hand	3.1, 3.2, 3.3
7500	Investment in shares	3.19
7600	Term deposits	
7700	Other non-current assets	
7800	Related party loans	
7900	Total - Non-Current Assets	
7000	Total - Assets	
7999	Net Assets	

2.3 Liabilities

Mapping Code	Descriptor
8110	Bank overdrafts
8120	GST payable
8130	Income tax payable
8140	Account payables
8150	Current portion term loans
8160	Current portion finance leases & hire purchases
8100	Total - Current Liabilities
8200	Non-current loans
8300	Non-current finance leases & hire purchases
8400	Other non-current liabilities
8500	Related Parties Loan Accounts
8600	Shareholder advance accounts
8700	Family loans
8800	Total - Non-Current Liabilities
8000	Total - Liabilities

A1 - 3 Source Accounts

These mapping codes MAY be used in developing messages for interchange of actual financial statements for benchmarking and analysis.

3.1 Beef Cattle Trading

Mapping Code	Descriptor
1111	Sales – Beef Rising 1 year heifers
1112	Sales - Beef Rising 2 year heifers
1113	Sales - Beef Rising 3 year heifers
1115	Sales - Beef Mixed Age cows
1116	Sales - Beef Rising 1 year steers/bulls
1117	Sales - Beef Rising 2 year steers/bulls
1118	Sales - Beef Rising 3 year steers/bulls
1120	Sales - Beef Mixed Age steers/bulls
1121	Sales - Beef Rising 1 year Breeding bulls
1122	Sales - Beef Rising 2 year Breeding bulls
1123	Sales - Beef Rising 3 year Breeding bulls
1125	Sales - Beef Mixed Age Breeding bulls
1110	Total Sales – Beef Cattle
1131	Purchases – Beef Rising 1 year heifers
1132	Purchases - Beef Rising 2 year heifers
1133	Purchases - Beef Rising 3 year heifers
1135	Purchases - Beef Mixed Age cows
1136	Purchases - Beef Rising 1 year steers/bulls
1137	Purchases - Beef Rising 2 year steers/bulls
1138	Purchases - Beef Rising 3 year steers/bulls
1140	Purchases - Beef Mixed Age steers/bulls
1141	Purchases - Beef Rising 1 year Breeding bulls
1142	Purchases - Beef Rising 2 year Breeding bulls
1143	Purchases - Beef Rising 3 year Breeding bulls
1145	Purchases - Beef Mixed Age Breeding bulls
1130	Total Purchases – Beef Cattle
1181	Beef Cattle Cash Trading Surplus
1182	Beef Cattle Deaths and missing
1183	Beef Cattle Natural increase
1184	Beef Cattle (Trading) Effect of change in numbers
1100	Beef Cattle Gross surplus/(deficit)
7411	Market Value – Beef Rising 1 year heifers
7412	Market Value - Beef Rising 2 year heifers
7413	Market Value - Beef Rising 3 year heifers
7415	Market Value - Beef Mixed Age cows
7416	Market Value - Beef Rising 1 year steers/bulls
7417	Market Value - Beef Rising 2 year steers/bulls

Mapping Code	Descriptor
7418	Market Value - Beef Rising 3 year steers/bulls
7420	Market Value - Beef Mixed Age steers/bulls
7421	Market Value - Beef Rising 1 year Breeding bulls
7422	Market Value - Beef Rising 2 year Breeding bulls
7423	Market Value - Beef Rising 3 year Breeding bulls
7425	Market Value - Beef Mixed Age Breeding bulls
7410	Total Market Value - Beef Cattle on Hand
1190	Market Value - Beef Cattle Holding Gains/(Loss)
1195	Market Value - Beef Cattle Effect of change in numbers

3.2 Sheep Trading

Mapping Code	Descriptor
1211	Sales – Ewe Lambs
1212	Sales – Ram Lambs
1213	Sales – Wether Lambs
1215	Sales - Lambs
1216	Sales – Ewe Hoggets
1217	Sales – Ram Hoggets
1218	Sales - Wether Hoggets
1219	Sales – Breeding Ram Hoggets
1220	Sales - Hoggets
1221	Sales – Two-tooth Ewes
1222	Sales – Four-tooth Ewes
1225	Sales – Mixed Age Ewes
1226	Sales – Two-tooth Rams
1227	Sales – Four-tooth Rams
1230	Sales – Mixed Age Rams
1231	Sales – Two-tooth Wethers
1232	Sales – Four-tooth Wethers
1235	Sales – Mixed Age Wethers
1240	Sales – Mixed Age Breeding Rams
1210	Total Sales - Sheep
1251	Purchases – Ewe Lambs
1252	Purchases – Ram Lambs
1253	Purchases – Wether Lambs
1255	Purchases - Lambs
1256	Purchases – Ewe Hoggets
1257	Purchases – Ram Hoggets
1258	Purchases - Wether Hoggets
1259	Purchases – Breeding Ram Hoggets
1260	Purchases - Hoggets
1261	Purchases – Two-tooth Ewes
1262	Purchases – Four-tooth Ewes
1265	Purchases – Mixed Age Ewes
1266	Purchases – Two-tooth Rams
1267	Purchases – Four-tooth Rams
1270	Purchases – Mixed Age Rams
1271	Purchases – Two-tooth Wethers
1272	Purchases – Four-tooth Wethers
1275	Purchases – Mixed Age Wethers
1280	Purchases – Mixed Age Breeding Rams

Mapping Code	Descriptor
1230	Total Purchases - Sheep
1281	Sheep - Cash trading surplus
1282	Sheep - Deaths and missing
1283	Sheep - Natural increase
1284	Sheep Trading - Effect of change in numbers
1200	Sheep Trading - Gross surplus/(deficit)
7431	Market Value – Ewe Lambs
7432	Market Value – Ram Lambs
7433	Market Value – Wether Lambs
7435	Market Value - Lambs
7436	Market Value – Ewe Hoggets
7437	Market Value – Ram Hoggets
7438	Market Value - Wether Hoggets
7439	Market Value – Breeding Ram Hoggets
7440	Market Value - Hoggets
7441	Market Value – Two-tooth Ewes
7442	Market Value – Four-tooth Ewes
7445	Market Value – Mixed Age Ewes
7446	Market Value – Two-tooth Rams
7447	Market Value – Four-tooth Rams
7450	Market Value – Mixed Age Rams
7451	Market Value – Two-tooth Wethers
7452	Market Value – Four-tooth Wethers
7455	Market Value – Mixed Age Wethers
7456	Market Value – Mixed Age Breeding Rams
7430	Total Market Value - Sheep on Hand
1290	Market Value Sheep - Holding Gains/(Loss)
1295	Market Value Sheep - Effect of change in numbers

3.3 Dairy Cattle Trading

Mapping Code	Descriptor
1315	Sales – Bobby Calves
1316	Sales – Dairy Calves
1321	Sales – Dairy Rising 1 year heifers
1322	Sales - Dairy Rising 2 year heifers
1323	Sales - Dairy Rising 3 year heifers
1325	Sales - Dairy Mixed age cows
1326	Sales - Dairy Rising 1 year steers/bulls
1327	Sales - Dairy Rising 2 year steers/bulls
1328	Sales - Dairy Rising 3 year steers/bulls
1330	Sales - Dairy Mixed Age steers/bulls
1335	Sales - Dairy Breeding bulls
1310	Total Sales – Dairy Cattle
1351	Purchases – Dairy Calves
1352	Purchases – Dairy Rising 1 year heifers
1353	Purchases - Dairy Rising 2 year heifers
1354	Purchases - Dairy Rising 3 year heifers
1355	Purchases - Dairy Mixed age cows
1356	Purchases - Dairy Rising 1 year steers/bulls
1357	Purchases - Dairy Rising 2 year steers/bulls
1358	Purchases - Dairy Rising 3 year steers/bulls
1360	Purchases - Dairy Mixed Age steers/bulls
1365	Purchases - Dairy Breeding bulls
1350	Total Purchases – Dairy Cattle
1381	Dairy Cattle Cash trading surplus
1382	Dairy Cattle Deaths and missing
1383	Dairy Cattle Natural increase
1384	Dairy Cattle (Trading) Effect of change in numbers
1300	Dairy Cattle Gross surplus/(deficit)
7471	Market Value – Dairy Rising 1 year heifers
7472	Market Value - Dairy Rising 2 year heifers
7473	Market Value - Dairy Rising 3 year heifers
7475	Market Value - Dairy Mixed age cows
7476	Market Value - Dairy Rising 1 year steers/bulls
7477	Market Value - Dairy Rising 2 year steers/bulls
7478	Market Value - Dairy Rising 3 year steers/bulls
7480	Market Value - Dairy Mixed Age steers/bulls
7485	Market Value - Dairy Breeding bulls

Mapping Code	Descriptor
7470	Total Market Value – Dairy Cattle on Hand
1390	Market Value Dairy Cattle - Holding Gains/(Loss)
1395	Market Value Dairy Cattle - Effect of change in numbers

3.4 Milk Revenue

Mapping Code	Descriptor
1401	June
1402	July
1403	August
1404	September
1405	October
1406	November
1407	December
1408	January
1409	February
1410	March
1411	April
1412	May
1413	Capacity adjustment
1430	Total Milk Revenue - Deferred
1431	Total Milk Revenue - Advanced
1440	Other Milk Income
1450	Milk Production Insurance
1460	Payments to Sharemilkers and Contract Milkers
1400	Total Milk Revenue
1498	Average milk income/kg
1499	Milk Solids Last Season

3.5 Wool Revenue

Mapping Code	Descriptor
1510	Wool sales
1520	Crutchings and dags
1530	Total wool sales and crutchings/dags
7151	Opening wool on hand
7152	Closing wool on hand
1500	Total Wool Revenue and Production
1590	Average Net Price per kilo

3.6 Other Farm Income

Mapping Code	Descriptor
1910	Milk Co / Processor Dividends
1920	Rebates
1930	Rental, lease and licence income
1940	Timber sales
1950	Sale of forestry carbon credits
1960	Expenditure carried forward
1970	Sundry
1900	Total - Other Farm Income

3.7 Farm Operating Expenses

Mapping Code	Descriptor
4101	Animal health
4102	Breeding
4103	Calf rearing
4104	Dairy shed expenses
4105	Deferred Expenditure
4106	Dog and horse
4107	Electricity and gas (excluding private use)
4108	Fertiliser
4109	Freight and cartage
4110	General expenses
4111	Grazing
4112	Horticulture Operating Expenses
4113	Industry Levies
4114	Irrigation
4115	Pasture renovation
4116	Protective clothing
4117	Shearing wages
4118	Shearing expenses
4119	Staff training
4120	Stock feed grown/made
4121	Stock feed purchased
4122	Wages and salaries
4123	Weed and pest
4100	Total - Farm Operating Expenses

3.8 Repairs and Maintenance

Mapping Code	Descriptor
4210	Buildings
4215	Dwelling
4220	Fences and yards
4225	General repairs
4230	Plant and machinery
4235	Tools and hardware
4240	Drains, races tracks and bridges
4245	Water supply
4250	Effluent disposal
4255	Hedges and shelters
4200	Total - Repairs and Maintenance

3.9 Vehicles

Mapping Code	Descriptor
4310	Farm vehicle
4320	Fuel and oil
4330	Tractor
4300	Total - Vehicle

3.10 Rates and Insurance

Mapping Code	Descriptor
4410	ACC levies
4420	Insurance
4430	Rates
4400	Total - Rates and Insurance

3.11 Administration

Mapping Code	Descriptor
4505	Administration
4510	Accountancy fees
4515	Bank fees
4520	Computer
4525	Entertainment
4530	Farm advisory fees
4535	Fringe benefit tax
4540	General administration
4545	Governance
4550	Legal
4555	Professional and consulting fees
4560	Professional Development and Training
4565	Resource Consents and Compliance
4570	Seminars
4575	Subscriptions
4580	Telecommunications
4585	Travel and accommodation
4500	Total - Administration

3.12 Interest, Rent and Lease

Mapping Code	Descriptor
5210	Interest — overdraft
5215	Interest — term loans
5220	Interest — hire purchase
5225	Interest — related parties
5230	Interest - finance lease
5235	Land lease
5240	Land lease - related parties
5245	Operating lease
5200	Total - Interest Rent and Leases

3.13 Other Income (Off Farm)

Mapping Code	Descriptor
2010	Salary, Wages Fees Received
2015	Interest Received
2020	Dividends
2025	Rent/Lease Received
2030	ACC/Insurance Protection Income
2035	Contracting >\$10,000
2040	Machinery Hire
2045	Business
2050	Foreign exchange gains / (loss)
2055	FBT personal contributions
2060	Fonterra Distributions
2065	Other / Sundry
2000	Total - Other Income (Off Farm)

3.14 Other Expenses (Off Farm)

Mapping Code	Descriptor
5410	Rental Expenses
5415	Business Expenses
5420	Contracting Expenses
5425	Other
5400	Total - Other Expenses (Off Farm)

3.15 Depreciation, Amortisation and Sale of Plant, Property and Equipment

Mapping Code	Descriptor
5110	Depreciation
5120	Development expenditure amortisation
5130	Loss/(Gain) on sale of Plant, Property and Equipment
5100	Total - Depreciation and Amortisation

3.16 Agricultural Produce on Hand

Mapping Code	Descriptor
7152	Wool
7153	Stock Feed on Hand
7154	Harvested Crops
7155	Other inventory
7150	Total - Agricultural Produce on Hand

3.17 Other Current Assets

Mapping Code	Descriptor
7171	Property, Plant and Equipment under construction
7172	Prepayments and Deferred Expenditure
7173	Deposit on farm
7174	Deposit on livestock
7175	Rental Bond
7100	Total - Other Current Assets

3.18 Property, Plant and Equipment

Mapping Code	Descriptor
7210	Land (including Capital Development and Improvements)
7220	Buildings
7230	Plant and Machinery
7240	Leasehold Improvements
7250	Motor Vehicles
7260	Fixtures, fittings and equipment
7200	Total – Property, Plant and Equipment

3.19 Investment in Shares

Mapping Code	Descriptor
7510	Dairy Company Shares
7520	Meat Company Shares
7530	Fertiliser Company Shares
7540	Other Farming Shares
7550	Off Farm Shares
7560	Off Farm and Other Investments
7500	Total – Investment in Shares

A.2 Tax Types (Normative)

Tax Type
Input (GST on Income)
Output (GST on Expenses)
None
Zero Rated
GST On Imports

A.3 Pricing or Valuation Basis (Normative)

Pricing Basis
Per Annum
Per Day
Per Head
Per Hour
Per kg Carcass Weight
Per kg Dry Matter
Per kg Liveweight
Per Month
Per Tonne
Per Transaction
Per Week

A.4 Common Units (Normative)

Unit
Head (hd)
Hour
Kilogram (kg)
Metric tonne (MT)

Appendix B Key Performance Indicator Lists

B.1 Key Performance Indicators (Informative)

Key performance indicators are currently being developed by industry working groups. The list below is indicative of the types of KPI, and does not yet form part of this standard.

KPI
Carcass Weight
Cows (number of cows)
Daily Liveweight Gain
Days to Slaughter
Depreciation
Economic Farm Surplus
Feed Consumed
Feed Produced
Fleece Weight
Full-time Equivalent Staff
Gross Farm Income
Interest Costs
Labour Costs
Liveweight
Milk Solids Produced
Net Liveweight Gained
Rams (number of rams)
Rent (rental/lease paid)
Return on Assets
Return on Equity
Revised Stock Units (RSU)
Total Farm Working Expenses
Velvet Weight

B.2 Common Denominators (Informative)

Key performance indicators are currently being developed by industry working groups. The list below is indicative of the denominators used in KPIs, and does not yet form part of this standard.

Denominator
Carcass Weight Produced (kg)
Economic Farm Surplus
Feed Consumed (kg)
Full-time Equivalent Staff
Gross Farm Income
Head

Hectare
Milk Solids Produced (kg)
Net Liveweight Gained (kg)
Number of Cows
Stock Units
Total Assets
Total Equity