



Annual Feed Production Statistics for the year Ending December 2015

These statistics report total tonnage of manufactured animal feed and total tonnage of raw materials used in feed production. This report does not include blended feed.

These statistics now include the breakdown of species specific data for feed production. This breakdown had been excluded in previous publications between 2010 to 2012.

Please note all figures reported in the tables below in this Executive Summary are in metric tonnes (unless otherwise specified).

Feed Production:

North Island		South Island		Total	Same quarter last year	% Change
Bulk	Bagged	Bulk	Bagged			
626,474	90,046	258,392	44,357			
716,520		302,750		1,019,269	1,078,141	-5.5

Raw Material Use:

Raw Material		North Island	South Island	Total		% Change
Grains	Wheat	199,550	111,744	311,295	396,760	-21.5
	Barley	38,607	55,751	94,358	125,538	-24.8
	Maize	172,374	25,641	198,015	105,076	+88.4
Animal Protein	Meat and Bone	27,353	11,503	38,856	38,512	+0.9
Plant Protein	Soya Bean Meal	70,100	33,115	103,215	126,368	-18.3

Palm Kernel Imports:

North Island	South Island	Total	December 2014	% Change
1,549,359	669,923	2,219,282	2,012,799	+10

Species Specific Data Quarter Comparison:

2015

Species	North Island	South Island	Total	% Change from previous year
Poultry - meat	400,063	74,248	474,311	+9.0
Poultry - layer	121,591	37,905	159,496	+6.5
Pig	37,273	99,008	136,280	-4.3
Calf	55,923	20,077	76,000	-8.9
Dairy	69,018	38,650	107,668	-50.1

2014

Species	North Island	South Island	Total
Poultry - meat	360,446	74,723	435,169
Poultry - layer	112,528	37,197	149,725
Pig	39,564	102,386	142,400
Calf	59,350	20,044	83,393
Dairy	131,108	85,047	216,065

New Zealand Feed Manufacturers Association
Quarterly Feed Production Statistics

Quarter December
Year 2015

NZFMA Feed Production Statistics: 2015
Feed production statistics for the year ending December 2015

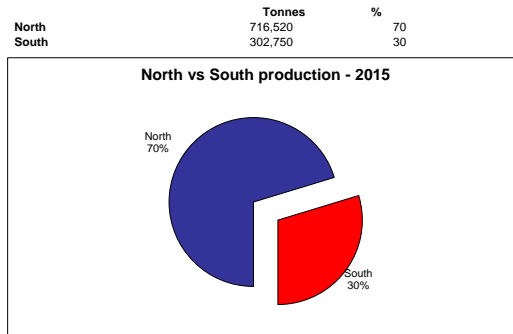
	North Island		South Island		Total		Comparison	
	Bulk	Bagged	Bulk	Bagged	Tonnage	% of Total	Total Production in 2014	% Change
TOTAL BULK	626,474		258,392					
TOTAL BAGGED		90,046		44,357	1,019,269	100	1,078,141	-5.5
TOTAL PER ISLAND	716,520		302,750					

Summary of Historical Production Data

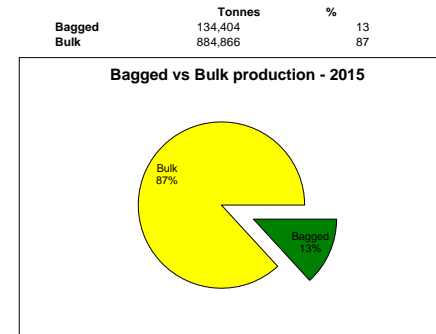
	Dec 05	Dec 06	Dec 07	Dec 08	Dec 09	Dec 09	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15
TOTAL	850,534	829,424	877,032	965,465	779,881	779,881	921,890	964,035	991,027	1,078,141	1,019,269
% change from same quarter previous year	0.0	-2.5	5.7	10.1	-19.2	0.0	18.2	4.6	2.8	8.8	-5.5

Feed production statistics for the year ending December 2015

North vs South production - 2015



Bagged vs Bulk production - 2015



Sources and types of raw materials used in feed production
Raw material usage statistics for the year ending December 2015

	RAW MATERIAL USAGE NORTH ISLAND MILLS							
	Domestic		Imported		Total use		Comparison 2014	
	T	%	T	%	T	%	Total use in 2014	% change
Grains								
Wheat	21,796	10.9	177,755	89.1	199,550	29	256,524	-22.2
Barley	23,191	60.1	15,416	39.9	38,607	6	55,162	-30.0
Oats	296	100.0			296	0	422	-29.8
Maize	67,753	39.3	104,621	60.7	172,374	25	92,157	87.0
Sorghum		#DIV/0!		#DIV/0!			14,146	-100.0
Triticale								#DIV/0!
Others		#DIV/0!		#DIV/0!			411	-100.0
<i>subtotal</i>	113,036	27.5	297,791	72.5	410,827	59	418,821	-1.9
Grain by-products								
Wheat (Bran, Pollard and broil)	36,145	100.0			36,145	5	35,301	2.4
Barley (Malt culms and brewers gr)	5,978	100.0			5,978	1	3,012	98.5
Maize (Avonfeed, avongold)	1,955	100.0			1,955	0	771	153.5
Others (Bread, biscuits, etc)	1,438	100.0			1,438	0	477	201.5
<i>subtotal</i>	45,517	100.0			45,517	7	39,561	15.1
Animal proteins								
Meat and bone meal (non-poultry)	27,353	100.0			27,353	4	26,286	4.1
Bloodmeal (non-poultry)	3,099	100.0			3,099	0	3,492	-11.3
Fishmeal	874	100.0			874	0	930	-6.0
Poultry by-product meal	89	100.0			89	0	176	-49.5
Milkpowders	3,134	99.7	10	0.3	3,144	0	2,801	12.2
Others			172	100.0	172	0	194	-11.2
<i>subtotal</i>	34,549	99.5	182	0.5	34,731	5	33,880	2.5
Oils and Tallows								
Vegetable oils (e.g. Soya, canola o	1,910	88.8	240	11.2	2,149	0	2,877	-25.3
Poultry fat	2,351	100.0			2,351	0	3,276	-28.2
Tallow used in non-ruminant feed	2,599	88.9	323	11.1	2,923	0	3,437	-15.0
Tallow used in ruminant feed	102				102	0	25	306.9
<i>subtotal</i>	6,961	92.5	563	7.5	7,524	1	9,615	-21.7
Plant proteins								
Peas	1,205	89.6	140	10.4	1,345	0	992	35.6
Soya meal			70,100	100.0	70,100	10	94,318	-25.7
Copra			2,415	100.0	2,415	0	4,274	-43.5
Palm kernel			26,595	100.0	26,595	4	37,624	-29.3
Others	558	3.5	15,580	96.5	16,138	2	17,002	-5.1
<i>subtotal</i>	1,763	1.5	114,829	98.5	116,592	17	154,211	-24.4
Roughages								
Grass Hay								#DIV/0!
Lucerne/Alfalfa Hay	304	93.1	22	6.9	326	0	540	-39.5
Other	280	100.0			280	0	103	171.8
<i>subtotal</i>	584	96.3	22	3.7	606	0	643	-5.6
Others								
Limestone	14,622	100.0			14,622	2	14,789	-1.1
All other raw materials	60,039	91.2	5,813	8.8	65,853	9	47,397	38.9
<i>subtotal</i>	74,661	92.8	5,813	7.2	80,474	12	62,186	29.4
TOTALS	277,071		419,201		696,271		718,917	-3.1

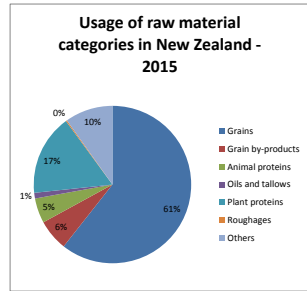
Sources and types of raw materials used in feed production
Raw material usage statistics for the year ending December 2015

	RAW MATERIAL USAGE SOUTH ISLAND MILLS							
	Domestic		Imported		Total use		Comparison 2014	
	T	%	T	%	T	%	Total use in 2014	% change
Grains								
Wheat	91,673	82.0	20,071	18.0	111,744	36.3	140,237	-20.3
Barley	53,785	96.5	1,966	3.5	55,751	18.1	70,376	-20.8
Oats	67	40.7	98	59.3	165	0.1	335	-50.8
Maize	334	1.3	25,307	98.7	25,641	8.3	12,919	98.5
Sorghum		#DIV/0!		#DIV/0!				#DIV/0!
Triticale	2,401	100.0			2,401	0.8	4,923	-51.2
Others	2,064	85.9	340	14.1	2,404	0.8	319	653.6
<i>subtotal</i>	150,325	75.9	47,782	24.1	198,106	64.3	229,108	-13.5
Grain by-product								
Wheat (Bran, Pollard and broil)	15,457	100.0			15,457	5.0	13,701	12.8
Barley (Malt culms and brewers grain)	2,257	100.0			2,257	0.7		#DIV/0!
Maize (Avonfeed, avongold)	1,119	100.0			1,119	0.4	485	130.7
Others (Bread, biscuits, etc)		#DIV/0!		#DIV/0!				#DIV/0!
<i>subtotal</i>	18,833	100.0			18,833	6.1	14,186	32.8
Animal proteins								
Meat and bone meal (non-poultry)	11,503	100.0			11,503	3.7	12,226	-5.9
Bloodmeal (non-poultry)	1,760	100.0			1,760	0.6	2,117	-16.8
Fishmeal	1,552	100.0			1,552	0.5	1,955	-20.6
Poultry by-product meal	71	100.0			71	0.0	68	3.2
Milkpowders	1,502	100.0			1,502	0.5	1,592	-5.6
Others	234				234	0.1	574	-59.1
<i>subtotal</i>	16,623	100.0			16,623	5.4	18,532	-10.3
Oils and Tallows								
Vegetable oils (e.g. Soya, canola or sunflow)	540	75.5	175	24.5	715	0.2	707	1.1
Poultry fat	761	100.0			761	0.2	769	-1.0
Tallow used in non-ruminant feed	2,243	100.0			2,243	0.7	2,303	-2.6
Tallow used in ruminant feed	490	100.0			490	0.2	448	9.3
<i>subtotal</i>	4,034	95.8	175	4.2	4,209	1.4	4,227	-0.4
Plant proteins								
Peas	2,343	100.0			2,343	0.8	2,868	-18.3
Soya meal	2,621	7.9	30,494	92.1	33,115	10.8	32,050	3.3
Copra			255	100.0	255	0.1	389	-34.4
Palm kernel			10,246	100.0	10,246	3.3	14,616	-29.9
Others	3,313	77.4	965	22.6	4,278	1.4	6,813	-37.2
<i>subtotal</i>	8,278	16.5	41,960	83.5	50,238	16.3	56,737	-11.5
Roughages								
Grass Hay	346	100.0			346	0.1	348	-0.6
Lucerne/Alfalfa Hay	17	26.6	47	73.4	64	0.0	166	-61.4
Other	965	71.9	378	28.1	1,343	0.4	537	150.1
<i>subtotal</i>	1,328	75.8	425	24.2	1,753	0.6	1,051	66.8
Others								
Limestone	2,364	56.4	1,826	43.6	4,190	1.4	4,441	-5.7
All other raw materials	11,754	83.7	2,290	16.3	14,044	4.6	15,609	-10.0
<i>subtotal</i>	14,118	77.4	4,116	22.6	18,234	5.9	20,050	-9.1
TOTALS	213,538		94,458		307,996		343,891	-10.4

Sources and types of raw materials used in compound feed production
Raw material usage statistics for the year ending December 2015

	Raw Material At National Level							
	Domestic		Imported		Total: Year ending December 2015		Comparison 2014	
	T	%	T	%	Tonnage	% of total	Total use in 2014	% change
Grains								
Wheat	113,469	36.5	197,826	63.5	311,295	31.0	396,760	-21.5
Barley	76,976	81.6	17,382	18.4	94,358	9.4	125,538	-24.8
Oats	363	78.8	98	21.2	461	0.0	757	-39.1
Maize	68,087	34.4	129,927	65.6	198,015	19.7	105,076	88.4
Sorghum							14,146	-100.0
Triticale	2,401	100.0			2,401	0.2	4,923	-51.2
Others	2,064	85.9	340	14.1	2,404	0.2	730	229.3
<i>subtotal</i>	263,360	43.2	345,573	56.8	608,933	60.6	647,930	-6.0
Grain by-products								
Wheat (Bran, Pollard and broil)	51,602	100.0			51,602	5.1	49,002	5.3
Barley (Malt culms and brewers grai	8,235	100.0			8,235	0.8	3,012	173.4
Maize (Avonfeed, avongold)	3,075	100.0			3,075	0.3	1,256	144.7
Others (Bread, biscuits, etc)	1,438	100.0			1,438	0.1	477	201.5
<i>subtotal</i>	64,350	100.0			64,350	6.4	53,747	19.7
Animal proteins								
Meat and bone meal (non-poultry)	38,856	100.0			38,856	3.9	38,512	0.9
Bloodmeal (non-poultry)	4,859	100.0			4,859	0.5	5,608	-13.4
Fishmeal	2,426	100.0			2,426	0.2	2,885	-15.9
Poultry by-product meal	160	100.0			160	0.0	245	-34.8
Milkpowders	4,636	99.8	10	0.2	4,646	0.5	4,393	5.8
Others	234	57.7	172	42.3	406	0.0	767	-47.0
<i>subtotal</i>	51,530	99.6	182	0.4	51,354	5.1	52,411	-2.0
Oils and Tallows								
Vegetable oils (e.g. Soya, canola or	2,449	85.5	415	14.5	2,864	0.3	3,584	-20.1
Poultry fat	3,112	100.0			3,112	0.3	4,045	-23.1
Tallow used in non-ruminant feed	4,843	93.7	323	6.3	5,166	0.5	5,740	-10.0
Tallow used in ruminant feed	591	100.0			591	0.1	473	25.0
<i>subtotal</i>	10,996	93.7	738	6.3	11,734	1.2	13,842	-15.2
Plant proteins								
Peas	3,549	96.2	140	3.8	3,689	0.4	3,860	-4.4
Soya meal	2,621	2.5	100,594	97.5	103,215	10.3	126,368	-18.3
Copra			2,670	100.0	2,670	0.3	4,663	-42.7
Palm kernel			36,841	100.0	36,841	3.7	52,241	-29.5
Others	3,871	19.0	16,545	81.0	20,416	2.0	23,815	-14.3
<i>subtotal</i>	10,041	6.0	156,789	94.0	166,830	16.6	210,948	-20.9
Roughages								
Grass Hay	346	100.0			346	0.0	348	-0.6
Lucerne/Alfalfa Hay	321	82.2	69	17.8	390	0.0	706	-44.7
Other	1,245	76.7	378	23.3	1,623	0.2	640	153.6
<i>subtotal</i>	1,912	81.0	447	19.0	2,359	0.2	1,694	39.3
Others								
Limestone	16,985	90.3	1,826	9.7	18,811	1.9	19,230	-2.2
All other raw materials	71,793	89.9	8,103	10.1	79,897	8.0	63,006	26.8
<i>subtotal</i>	88,779	89.9	9,929	10.1	98,708	9.8	82,236	20.0
TOTALS	490,967		513,659		1,004,268	100.0	1,062,808	-5.5

NZFMA Raw Material Usage Graphs: Year ending December 2015
 Raw material usage statistics for the year ending December 2015



Usage of raw material categories in New Zealand - 2015

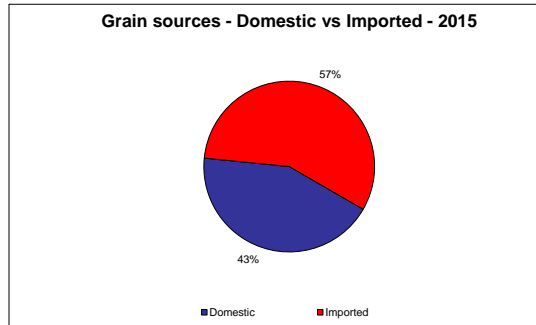
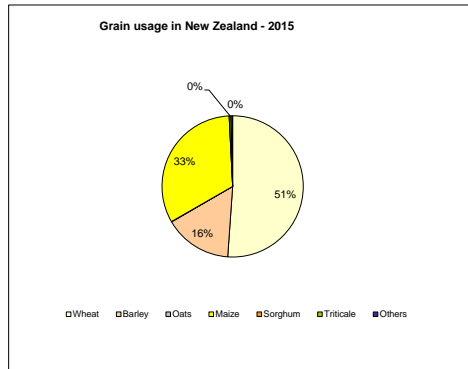
	Tonnes	%
Grains	608,933	61
Grain by-products	64,350	6
Animal proteins	51,354	5
Oils and tallows	11,734	1
Plant proteins	166,830	17
Roughages	2,359	0
Others	98,708	10
Total	1,004,268	100

Grain usage in New Zealand - 2015

	Tonnes	%
Wheat	311,295	51
Barley	94,358	15
Oats	461	0
Maize	198,015	33
Sorghum	0	0
Triticale	2,401	0
Others	2,404	0
Total	608,933	100

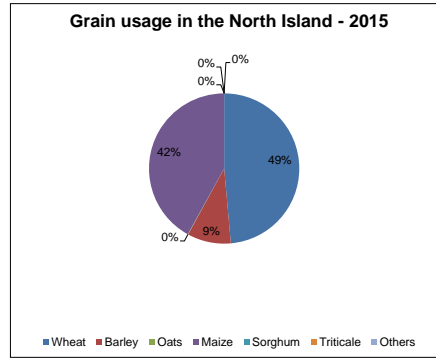
Grain sources - Domestic vs Imported - 2015

	Tonnes	%
Domestic	263,360	43
Imported	345,573	57
Total	608,933	100



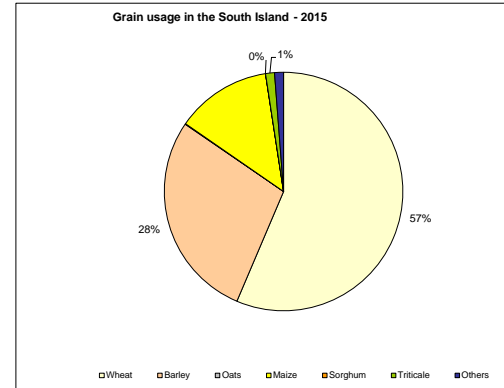
Grain usage in the North Island - 2015

	Tonnes	%
Wheat	199,550	49
Barley	38,607	9
Oats	296	0
Maize	172,374	42
Sorghum	0	0
Triticale	0	0
Others	0	0
Total	410,827	0



Grain usage in the South Island - 2015

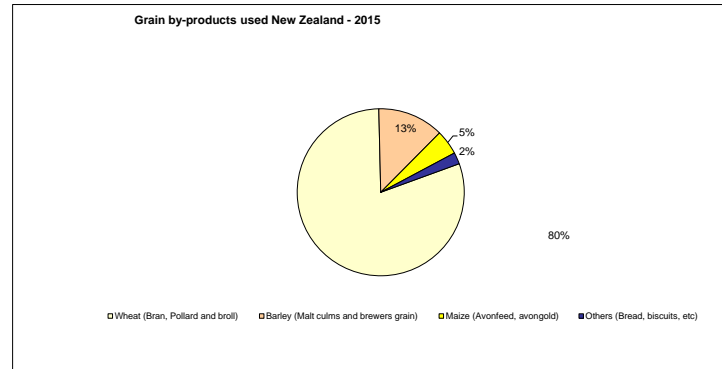
	Tonnes	%
Wheat	111,744	56
Barley	55,751	28
Oats	165	0
Maize	25,641	13
Sorghum	0	0
Triticale	2,401	1
Others	2,404	1
Total	198,106	0



Grain by-products used New Zealand - 2015

Grain by-products used New Zealand - 2015

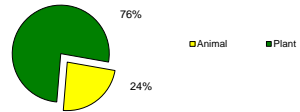
	Tonnes	%
Wheat (Bran, Pollard and broll)	51,602	80
Barley (Malt culms and brewers grain)	8,235	13
Maize (Avoonfeed, avongold)	3,075	5
Others (Bread, biscuits, etc)	1,438	2
Total	64,350	100



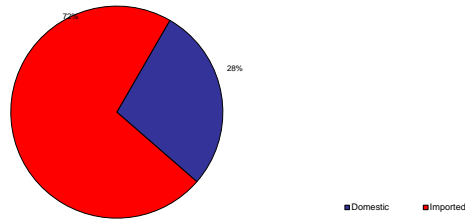
Protein usage in New Zealand - 2015

	Tonnes	%
Meat and bone meal (non-poultry)	38,856	18
Bloodmeal (non-poultry)	4,859	2
Fishmeal	2,426	1
Poultry by-product meal	160	0
Milkpowders	4,646	2
Other animal proteins	406	0
Peas	3,689	2
Soya meal	103,215	47
Copra	2,670	1
Palm kernel	36,841	17
Other plant proteins	20,416	9
Total	218,184	100

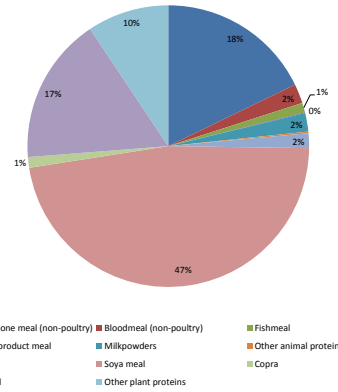
Protein sources - Animal vs Plant proteins - 2015



Protein sources - Domestic vs Imported - 2015



Protein Usage in New Zealand - 2015



Protein sources - Animal vs Plant proteins - 2015

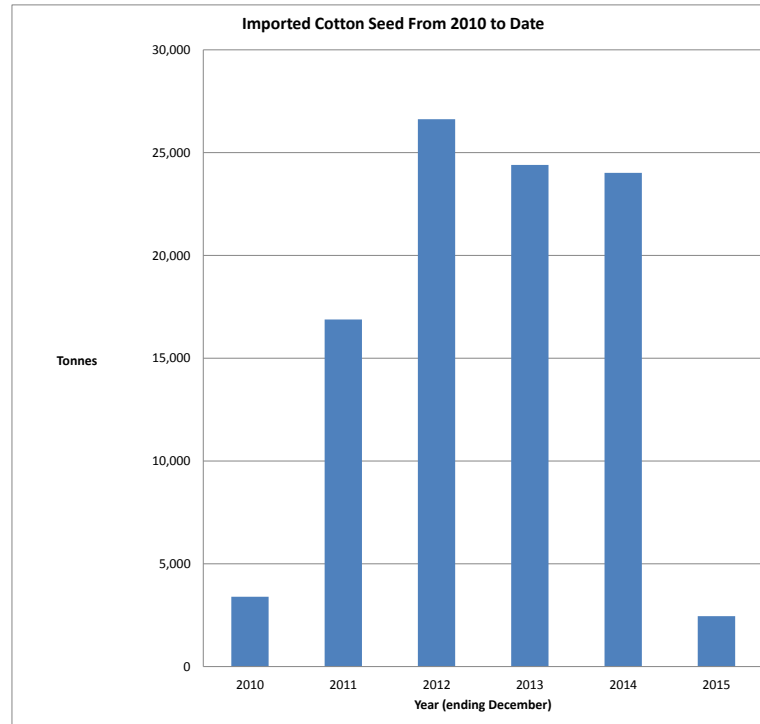
	Tonnes	%
Animal	51,354	24
Plant	166,830	76
Total	218,184	100

Protein sources - Domestic vs Imported - 2015

	Tonnes	%
Domestic	61,212	28
Imported	156,971	72
Total	218,184	100

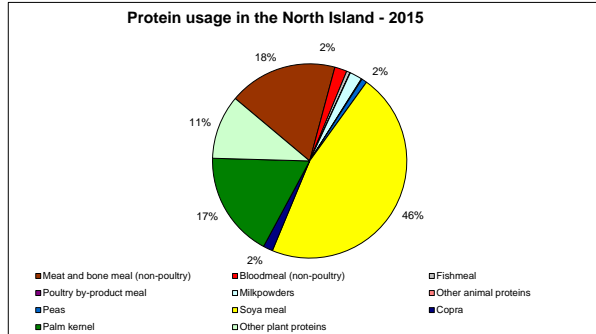
Imported Cotton Seed between 2010 to Date

Year	Tonnage	%Δ
2010	3,395	
2011	16,881	397
2012	26,626	58
2013	24,404	-8
2014	24,015	-2
2015	2,452	-90



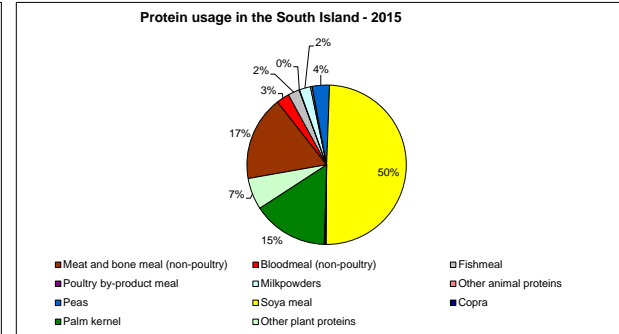
Protein usage in the North Island - 2015

	Tonnes	%
Meat and bone meal (non-poultry)	27,353	18
Bloodmeal (non-poultry)	3,099	2
Fishmeal	874	1
Poultry by-product meal	89	0
Milkpowders	3,144	2
Other animal proteins	172	0
Peas	1,345	1
Soya meal	70,100	46
Copra	2,415	2
Palm kernel	26,595	18
Other plant proteins	16,138	11
Total	151,323	100



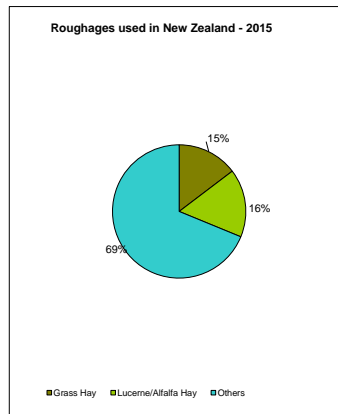
Protein usage in the South Island - 2015

	Tonnes	%
Meat and bone meal (non-poultry)	11,503	17
Bloodmeal (non-poultry)	1,760	3
Fishmeal	1,552	2
Poultry by-product meal	71	0
Milkpowders	1,502	2
Other animal proteins	234	0
Peas	2,343	4
Soya meal	33,115	50
Copra	255	0
Palm kernel	10,246	15
Other plant proteins	4,278	6
Total	66,861	100



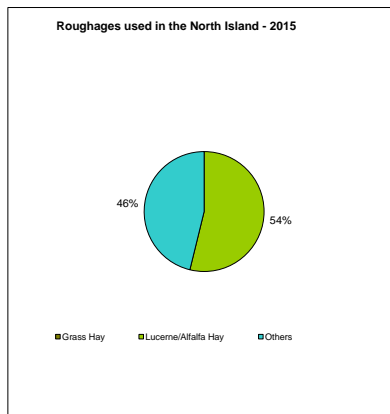
Roughages used in New Zealand - 2015

	Tonnes	%
Grass Hay	346	15
Lucerne/Alfalfa Hay	390	17
Others	1,623	69
Total	2,359	100



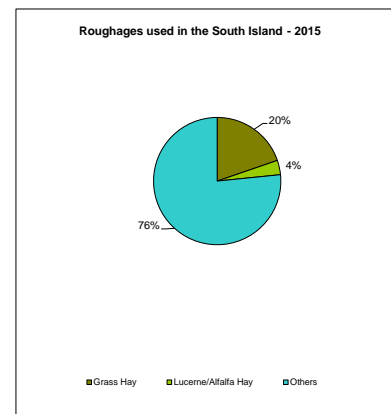
Roughages used in the North Island - 2015

	Tonnes	%
Grass Hay	0	0
Lucerne/Alfalfa Hay	326	54
Others	280	46
Total	606	100



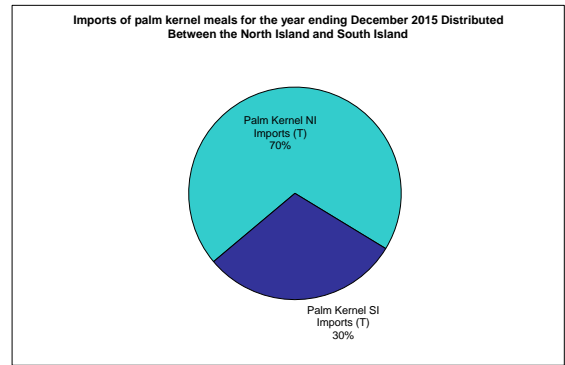
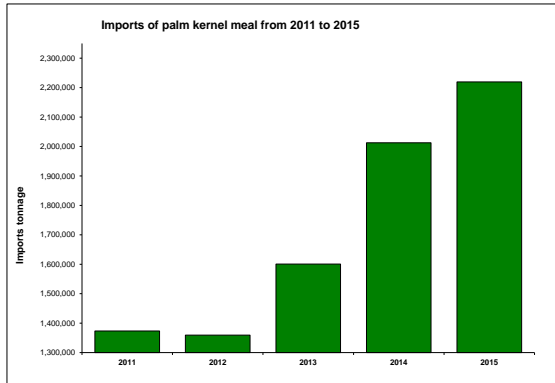
Roughages used in the South Island - 2015

	Tonnes	%
Grass Hay	346	20
Lucerne/Alfalfa Hay	64	4
Others	1,343	77
Total	1,753	100



Imports of palm kernel and copra meals for the year ending December 2015

Palm Kernel & Copra Imports:	Year ending December 2015	Year ending December 2014	% change
Total Copra Imports (T)	543	1,104	-51
Total Palm Kernel Imports (T)	2,219,282	2,012,799	10
Copra NI Imports (T)	504	1,082	-53
Copra SI Imports (T)	38	22	69
Palm Kernel NI Imports (T)	1,549,359	1,611,987	-4
Palm Kernel SI Imports (T)	669,923	400,813	67



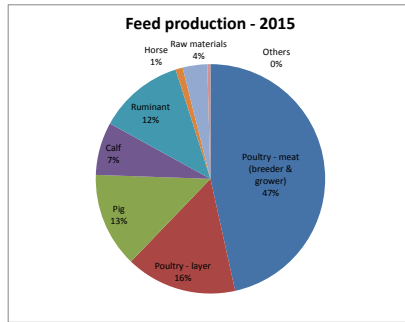
Imports of Palm Kernel Meal and Copra from 2011 to Date

	2011	2012	2013	2014	2015
Total Copra Imports (T)	4,049	2,133	2,427	1,104	543
Total Palm Kernel Imports (T)	1,373,566	1,359,328	1,600,877	2,012,799	2,219,282
Copra NI Imports (T)	3,982	2,133	2,387	1,082	504
Copra SI Imports (T)	67	40	22	22	38
Palm Kernel NI Imports (T)	1,206,784	1,089,915	1,310,683	1,611,987	1,549,359
Palm Kernel SI Imports (T)	166,781	269,414	290,194	400,813	669,923

NZFMA Compound Feed Production Statistics:
Feed production statistics for the year ending 2015

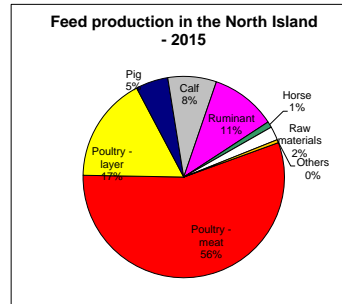
Feed type	North Island		South Island		Total		Comparison	
	Bulk	Bagged	Bulk	Bagged	Tonnage	% of Total	Total Production in 2014	% Change
Poultry - Meat & Breeding								
Poultrymeat - Grower Feeds (chk,tur,dck)	352,169	2,975	66,266	91	421,501	41.4	387,271	8.8
Poultrymeat - all Breeder Flocks	44,919	0	7,830	61	52,810	5.2	47,898	10.3
Poultry - Layer								
Layer Flocks incl Rearing & Breeders	102,296	19,295	29,387	8,518	159,496	15.6	149,725	6.5
Pig								
Grower & General Feeds	25,777	4,067	82,698	620	113,163	11.1	118,501	-4.5
Breeder Feeds	7,020	408	15,258	432	23,118	2.3	23,899	-3.3
Calf								
Milk replacers	2,703	10,256	0	0	12,958	1.3	7,432	74.4
Meals, Pellets, Crumbles etc	7,873	28,944	1,298	18,012	56,128	5.5	74,201	-24.4
Textured Feeds	44	6,103	0	767	6,914	0.7	1,760	292.8
Ruminant								
Dairy	67,196	1,822	36,145	2,504	107,668	10.6	216,065	-50.2
Beef, Sheep, Deer, Goat	3,193	3,303	2,318	6,615	15,428	1.5	9,971	54.7
Horse								
Meals, Pellets, Crumbles etc	891	1,877	36	117	2,921	0.3	2,720	7.4
Textured Feeds	0	4,143	0	3,220	7,363	0.7	8,458	-12.9
Others								
Aquaculture	0	85	0	0	85	0.0	288	-70.5
Dog	0	1,710	0	48	1,758	0.2	2,677	-34.3
Rabbits, Small Animals	619	278	20	195	1,112	0.1	827	34.5
Emu/Ostrich	0	0	0	0	0	0.0	4	-100.0
Other	10	819	479	292	1,600	0.2	1,695	-5.6
Raw Materials								
Grain & Grain Mixtures	932	1,318	7,399	2,539	12,188	1.2	12,190	0.0
All Other Raw Materials	10,831	2,644	9,259	325	23,059	2.3	12,558	83.6
Unblended Milk Powders for Sale	0	0	0	0	0	0.0	0	#DIV/0!
TOTAL BULK	626,474		258,392					
TOTAL BAGGED		90,046		44,357	1,019,269	100.0	1,078,141	-5.5
TOTAL PER ISLAND	716,520		302,750					

NZFMA Feed Production Graphs:
Feed production statistics for the year ending December 2015

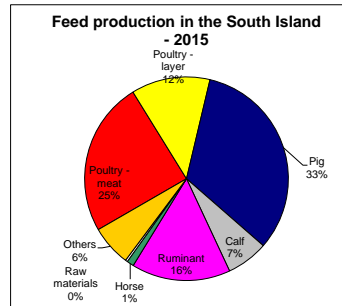


Feed category	Tonnes	%
Poultry - meat (breeder & grower)	474,311	47
Poultry - layer	159,496	16
Pig	136,280	13
Calf	76,000	7
Ruminant	123,095	12
Horse	10,284	1
Raw materials	35,247	3
Others	4,555	0
Total	1,019,269	100

NZFMA Feed Production Graphs:
Feed production statistics for the year ending December 2015



Feed category	Tonnes	%
Poultry - meat	400,063	56
Poultry - layer	121,591	17
Pig	37,273	5
Calf	55,923	8
Ruminant	75,514	11
Horse	6,911	1
Raw materials	15,725	2
Others	3,520	0
Total	716,520	100



Feed category	Tonnes	%
Poultry - meat	74,248	18
Poultry - layer	37,905	10
Pig	99,008	31
Calf	20,077	9
Ruminant	47,582	26
Horse	3,373	1
Raw materials	1,035	0
Others	19,522	4
Total	343,624	100

Summary of Historical Production Data

Historical Annual Compound Feed Statistics by Species

Year ending	Dec 05	Dec 06	Dec 07	Dec 08	Dec 09	Dec 09	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15
Poultry - Meat & Breeding											
Poultrymeat - Grower Feeds	357,946	343,864	334,149	349,061	306,035	306,035	370,737	388,959	372,892	387,271	421,501
Poultrymeat - all Breeder Flocks	43,290	45,666	47,902	52,410	49,121	49,121	30,333	15,537	32,869	47,898	52,810
Poultry - Layer											
Layer Flocks incl Rearing & Breeders	126,118	112,776	117,166	127,162	131,108	131,108	140,315	136,574	132,986	149,725	159,496
Pig											
Grower & General Feeds	160,309	144,144	144,144	142,033	129,168	129,168	140,514	137,156	123,851	118,501	113,163
Breeder Feeds	54,872	43,056	43,056	40,061	36,432	36,432	39,632	36,786	24,918	23,899	23,118
Calf											
Milk replacers	4,537	4,831	5,360	4,811	3,345	3,345	1,403	15,432	16,129	7,432	12,958
Meals, Pellets, Crumbles etc	39,330	45,300	55,892	54,499	33,346	33,346	48,595	48,882	55,313	74,201	56,128
Textured Feeds	7,999	8,222	6,777	8,628	4,904	4,904	776	6,004	4,642	1,760	6,914
Ruminant											
Dairy	29,647	51,359	91,103	139,657	49,271	49,271	117,073	134,444	171,259	216,065	107,668
Beef, Sheep, Deer, Goat	5,844	8,198	9,220	8,719	2,494	2,494	4,026	5,970	12,485	9,971	15,428
Horse											
Meals, Pellets, Crumbles etc	2,145	1,729	3,700	5,969	3,195	3,195	3,053	4,685	3,745	2,720	2,921
Textured Feeds	5,335	6,771	5,261	8,210	4,837	4,837	5,474	4,475	4,930	8,458	7,363
Others											
Aquaculture	0	2	9	2	0	0	1,989	942	1,058	288	85
Dog	4,832	2,977	2,317	4,739	2,603	2,603	2,295	2,752	2,017	2,677	1,758
Rabbits, Small Animals	1,331	968	1,122	1,002	793	793	1,089	989	996	827	1,112
Emu/Ostrich	529	999	329	111	27	27	74	27	12	4	0
Other	1,310	357	1,128	709	1,744	1,744	2,961	2,365	1,474	1,695	1,600
Raw Materials											
Grain & Grain Mixtures	4,334	7,665	6,331	15,297	20,911	20,911	9,101	18,390	19,300	12,190	12,188
All Other Raw Materials	756	521	1,876	2,341	526	526	2,449	3,665	9,920	12,558	23,059
Unblended Milk Powders for Sale	70	20	190	45	20	20	0	0	231	0	0
TOTAL	850,534	829,424	877,032	965,465	779,881	779,881	921,890	964,035	991,027	1,078,141	1,019,269
% change compared to previous year		-2.5	5.7	10.1	-19.2	0.0	18.2	4.6	2.8	8.8	-5.5