

SURVEY OF NEW ZEALAND FARMER INTENTIONS  
AND OPINIONS, NOVEMBER 1985 - JANUARY 1986

by

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*THE AGRICULTURAL ECONOMICS RESEARCH UNIT*  
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## SECTION 1

### BACKGROUND

#### 1.1 Introduction

This survey is the eighth major survey of New Zealand Farmer Intentions and Opinions. All have been aimed at providing policy makers and those in the agri-business sector in New Zealand with data on which they can formulate policies and planning.

The surveys have been continued in response to demands from those who want data on what farmers are intending to do, what they are thinking on major issues, aspects of the financial side, and what are some of the factors that determine their input purchases.

In this survey were inserted special questions on financial matters raised in earlier surveys. In addition some questions were included to ascertain some feelings and views of the rural sector on a range of issues including soil testing, use of salt on farms, diversification, health, farm expenditure, farm values, farm forestry, and education and training.

#### 1.2 The Sample

A stratified random sample of 3,700 dairy, sheep-beef and arable farmers was drawn by the Department of Statistics from an up-to-date list of farmers classified according to the New Zealand Standard Industrial Classification. The sample was stratified by farm type within Official Statistical areas. Farms below 20 hectares were eliminated and the total sample represented about eight per cent of the estimated 45,000 full-time farmers in New Zealand.

#### 1.3 Response Rate

Approximately 2,100 farmers (or about 57 per cent) responded to the mail questionnaire (a copy of which is included as Appendix A to this report) and, of these, 1,907 satisfactorily completed the questionnaire as at closing date 31 January, 1986.

The questionnaire was dispatched in early November 1985. Reminders were sent to non-respondents in late November.

#### 1.4 Accuracy

As will be seen from the tables, responses were well spread throughout the 13 Provincial Land Districts. No follow-up surveys of non-respondents were undertaken.



### 1.5 The Results of the Survey

This report contains only a proportion of the large amount of data derived from this comprehensive survey. Those readers who desire additional analysis of the responses should contact the authors.

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## SECTION 3

### CONCLUSIONS

The following is a summary of the major results and conclusions derived from the responses to the 1985 Lincoln College New Zealand Farmer Intentions and Opinions Survey. They are set out in the same order as in the questionnaire (Appendix A).

Readers wishing to consult the detailed tables should refer to 'Section 2 - Index of Tables' for page references.

#### 1. Provincial Distribution of Responses

Once again the distribution by Provincial Land District reflected the spread of farmers throughout New Zealand. Almost two-thirds were from the North Island with the South Auckland/Bay of Plenty Provincial Land District accounting for just on 23 per cent of respondents; 13 per cent of respondents were from the Canterbury Provincial Land District - the second largest response nation wide and the biggest of the South Island districts.

#### 2. Average Area Of Farms Surveyed

In this survey the average area of farm nationally was 357 hectares; this was 10 per cent below the comparable figure of 397 hectares in the 1983 survey.

#### 3. Analysis By Farm Type

The respondents were distributed 32 per cent mainly dairy (31 per cent in 1984), 53 percent mainly sheep/beef (57 per cent in 1984), 4 per cent mainly cropping (3 per cent in 1984) and 11 per cent 'other' (9 per cent in 1984) - being combinations of the three main categories.

#### 4. Dairy Farmers

(A & B) Cows in milk and herd size.

Whereas the estimated average number of cows in milk at December 1984 was 156 it was expected that at December 1985 this total would increase to 162 cows - an increase of almost 4 per cent. Districts such as Hawkes Bay, Canterbury, Otago and Southland showed above average increases in the herd sizes, while Marlborough and Nelson showed decreases in herd size.

## (C &amp; D) Milkfat Production

Respondents estimated the average milkfat produced per farm to be 24,228 kilograms for the 1984-85 season expecting this figure to rise to 25,334 kilograms for the 1985-86 season - an increase of 4.6 per cent. The largest anticipated increases were in the Districts such as Hawkes Bay, Westland, Canterbury, and Otago. Northland District expected a decrease of 1.6 per cent. The Otago increase was a reflection of the increase expected in cow numbers.

## (D) Leptospirosis

Nearly 77 per cent of respondents reported that they have vaccinated their dairy herd against leptospirosis in accordance with MAF instructions. The Districts of Marlborough and Westland both reported total vaccination by respondents. East Coast, Canterbury and Otago reported the lowest figures of vaccination with less than half the respondents in these Districts vaccinating.

## (E) Pigs

Nearly 15 per cent of respondents reported that they run pigs on their farms; Westland reporting the highest figure with 46 per cent of respondents stating that they run pigs. Whereas Nelson and Northland respondents reported that only seven and 10 per cent respectively ran pigs.

5. Sheep and Beef Farms

## (A) Classification of Responding Sheep and/or Beef Farms

Compared with the 1984 Survey the distribution of respondents can be recorded as follows: High country 1.7 per cent (3.5 in 1983); Hill country 30 per cent (30 per cent); Hard hill country 7 per cent (7 per cent); Intensive fattening 10 per cent (9 per cent); Fattening/breeding 44 per cent (42 per cent); Mixed crop/fattening 8 per cent (9 per cent).

(B) Sheep Numbers

## Number of Ewe Hoggetts.

On average, respondents had 553 ewe hoggetts in their sheep flocks at 30 June 1984 and an estimated 535 at end June 1984 - decrease of 3.3 per cent. Central Auckland had the largest estimated percentage decline of 26 per cent. Marlborough, Nelson and Westland all showed increases greater than 20 per cent.

## Number of Ewe hoggetts mated.

In the autumn of 1984 respondents put an average of 69 ewe hoggetts to the ram; the corresponding number for the autumn of 1985 was 56 - a decrease of 19 per cent. Westland recorded the largest decline at 81 per cent followed by Canterbury - 67 per cent, East Coast - 35 per cent, South Auckland/Bay of Plenty - 26 per cent, Wellington - 23 per cent. For the Marlborough Provincial Land District an increase

of 82 per cent was estimated in the number of ewe hoggets mated.

Number of breeding ewes (excluding ewe hoggets)

At mid 1984 respondents had an average of 1,981 breeding ewes; by mid 1985 the average number was estimated to have increased to 1,986 an increase of 0.3 per cent. The largest percentage increases were in Nelson and Canterbury at 4.2 and 4.0 per cent. Northland and Westland showed decreases of approximately 11 per cent.

(C) Female beef breeding stock.

The over-all average estimated numbers of beef breeding cows/heifers at 30 June 1985 is almost 2 per cent lower than at mid 1984. In respect of beef breeding heifers only, there is an estimated rise of 12.5 per cent in the number of these heifers compared with a year earlier with the Marlborough, Canterbury and Southland districts recording by far the largest estimated average increases.

8. Fencing

Respondents estimated that an average of 655 metres of new fencing had been erected on their farms in 1984-85 and that in the 1985/86 season they intended to erect 377 metres - an decrease of 42.5 per cent. Some of the largest decreases are expected to be in the Taranaki, Wellington, Nelson, Canterbury and Southland areas. Central Auckland is the only District that is expecting an increase. All farm types are expected to record a decline in new fencing.

10 Farmer Opinion On Other Issues

10(1) Short, medium and long term market expectations of specific farm products

Respondents were asked, even if they do not produce all of a list of products, to indicate how they felt about their future market prospects in the short-term (next year), medium term (1-3 years) and long-term (3-10 years).

In respect of SHEEPMEAT, 80 per cent were 'pessimistic' in the short-term (47 per cent in 1984), 12 per cent were 'reasonably satisfied' (38 per cent) and 9 per cent were 'optimistic' (15 per cent). In the medium term the level of optimism had increased to 16 per cent (22 per cent in 1984) with 43 per cent being 'reasonably satisfied' (47 per cent), 41 per cent were still pessimistic (31 per cent in 1984). In the long term optimism rose to 42 per cent, compared with 38 per cent in 1984.

In respect of BEEF, 16 per cent were 'optimistic' in the short-term and 59 per cent were 'reasonably satisfied'. In 1984 the comparative figures were 49 per cent 'optimistic' and 44 per cent 'reasonably satisfied'. In the medium term optimism rose to 26 per cent with 63 per cent being 'reasonably satisfied'. This compares with 36 per cent 'optimistic' and 54 per cent 'reasonably satisfied' in

1984. In regard to the long-term prospects of beef, 45 per cent were 'optimistic' (34 per cent in 1984) and 45 per cent were 'reasonably satisfied' (51 per cent in 1984).

In respect of WOOL, 26 per cent were 'optimistic' in the short-term (41 per cent in 1984) and 57 per cent 'reasonably satisfied' (52 per cent in 1984). In respect of the medium term, 41 per cent were 'optimistic' (46 per cent in 1983) and 52 per cent were 'reasonably satisfied' (48 per cent in 1984). For the long term, 56 per cent said they were 'optimistic' (51 per cent in 1984) and 6 per cent were 'pessimistic' (7 per cent).

In respect of DAIRY PRODUCE, 17 per cent were 'optimistic' in the short-term (the same as in 1984) and 29 per cent were 'pessimistic' (33 per cent in 1984). For the medium term optimism was at 18 per cent (16 per cent in 1984) and pessimism was at 30 per cent (36 per cent in 1984). For the long-term, 33 per cent were 'optimistic' (28 per cent in 1984) and 26 per cent 'pessimistic' (37 per cent in 1984).

On HORTICULTURAL produce, 31 per cent were 'optimistic' (55 per cent in 1984) in the short-term; over the medium term 29 per cent were 'optimistic' compared to 45 per cent in 1984; Over the long term, 35 per cent said they were 'optimistic' (44 per cent in 1984).

In respect of DEER INDUSTRY products in the short-term, 51 per cent of respondents were 'optimistic' and 40 per cent 'reasonably satisfied'. For the medium term the optimism declined to 31 per cent with 57 per cent 'reasonably satisfied', while for the long term 27 per cent were 'optimistic', 46 per cent 'reasonably satisfied' and 27 per cent 'pessimistic'.

Regarding the short term prospects for GOAT INDUSTRY products 57 per cent were 'optimistic' and 10 per cent 'pessimistic'; over the medium term 41 per cent were 'optimistic', and 12 per cent 'pessimistic' and over the long-term 36 per cent were 'optimistic' and 24 per cent 'pessimistic'.

## 10(2) Diversification

Thirty one per cent of the respondents reported that they intended to set aside some part of their farm for the development of activities other than the type of farming that they are presently involved in. Nelson and Westland both reported that over half of the respondents were intending to diversify. Central Auckland and Taranaki both reported less than quarter intending to diversify.

## 10(3) Health

### (A) General Health

Thirty one per cent of respondents considered that their health was 'excellent' and a further 47 per cent reported 'good' health. Only 2 per cent considered their health 'poor' or 'bad'.

## (B) Days lost through illness and/or injury

Respondents reported that on average they lost 6.1 days during the previous twelve months due to injury and/or ill health. East Coast respondents reported the highest level with 15 days lost, while, Westland (2.8 days) Southland (3.5 days) and Canterbury (4.6 days) reported the lowest figures.

## (C) Stress

Respondents considered that 22 per cent of either themselves and/or their families suffered from no stress as a result of farming activities. Thirty one per cent suffer 'slightly' from stress, thirty four per cent 'average' and 13 per cent consider that they suffer 'considerable' stress.

## (D) Change in level of stress

Forty five per cent of respondents reported that their stress level had 'increased' over the past two years, 48 per cent considered that their stress level 'remained the same', while 7 per cent considered that their stress had 'decreased'.

## (E) Factors causing stress

Of the factors listed by respondents 'financial problems' at 35.5 per cent was the major cause of stress. 'Climate' and 'Drought' with a total of 12.2 per cent were the the second major cause, followed by 'Long Hours' at 9.7 per cent and 'Doubts about the future of farming' at 6.4 per cent.

## (F) Leptospirosis

Fourteen per cent of all respondents reported that they had suffered from Leptospirosis, however 31 per cent of dairy farmers had suffered the disease. Higher figures was also noticed in the dairy districts of Northland, South Auckland-Bay of Plenty, Taranaki, Nelson and Westland.

## 10(4) Expenditure Items

Respondents were asked to indicate which of several items they were intending to spend money on over the next two years.

In respect of NEW CARS 12.5 per cent were intending to purchase, while a further 21.2 per cent were unsure and 66.3 per cent said they were not intending to purchase.

In respect to HOME COMPUTERS 4.5 per cent were intending to purchase while a further 9.9 per cent were unsure and 85.6 per cent said they were not intending to purchase.

In respect to VIDEO RECORDERS 3.1 per cent were intending to purchase while a further 7.1 per cent were unsure and 89.7 per cent said they were not intending to purchase.

In respect to STEREOS 2.1 per cent were intending to purchase while a further 3.2 per cent were unsure and 94.7 per cent said they were not intending to purchase.

In respect to TELEVISION RECEIVERS 4.3 per cent were intending to purchase while a further 8.4 per cent were unsure and 87.3 per cent said they were not intending to purchase.

Nine per cent of respondents were intending to undertake EXTENSIVE HOME IMPROVEMENTS, while a further 11 per cent were unsure and 80 per cent said they were not intending to do so.

In respect to SPA and/or SWIMMING POOLS 1.7 per cent were intending to purchase while a further 3.8 per cent were unsure and 94.5 per cent said they were not intending to purchase.

Fourteen per cent of respondents reported that were intending to TRAVEL OVERSEAS within the next two years. A further 17 per cent were unsure of their travel plans and 69 per cent reported that they had no intention of overseas travel.

#### (5) Aim in Farming

Respondents were asked to rate several possible aims that they may have in farming.

Fifty five per cent of respondents considered that 'A SOURCE OF INCOME' was a 'very important' aim in farming, a further 38 per cent considered it to be 'important'. Only 3 per cent considered it to be 'unimportant' or 'very unimportant'.

Forty six per cent of respondents considered that 'A WAY OF LIFE' was a 'very important' aim in farming. A further 42 per cent considered it to be 'important'. Only 4 per cent considered it to be 'unimportant' or 'very unimportant'.

Thirty per cent of respondents considered that 'AN OUTDOOR LIFE CLOSE TO NATURE' was a 'very important' aim in farming. A further 42 per cent considered it to be 'important'. Nine per cent considered it to be 'unimportant' or 'very unimportant'.

Only 14 per cent of respondents considered that 'SOME OPPORTUNITY FOR LEISURE' was a 'very important' aim in farming. A further 31 per cent considered it to be 'important'. Twenty seven per cent considered it to be 'unimportant' or 'very unimportant'.

Eighteen per cent of respondents considered that 'A MEANS OF ACCUMULATING CAPITAL' was a 'very important' aim in farming. A further 38 per cent considered it to be 'important'. Twenty one per cent considered it to be 'unimportant' or 'very unimportant'.

Only 12 per cent of respondents considered that 'A STANDING IN THE COMMUNITY' was a 'very important' or an 'important' aim in farming. Twenty nine per cent considered it 'neutral', 30 per cent considered it 'unimportant' and a further 29 per cent considered it 'very unimportant'.

Thirty nine per cent of respondents considered that 'A JOB AS ONE'S OWN BOSS' was a 'very important' aim in farming. A further 44 per cent considered it to be 'important'. Seven per cent considered it to be 'unimportant' or 'very unimportant'.

Eighteen per cent of respondents considered that 'A MEANS OF PROVIDING JOB OPPORTUNITIES FOR ONES' FAMILY' was a 'very important' aim in farming. A further 31 per cent considered it to be 'important'. Twenty eight per cent were neutral, while, 14 percent considered it to be 'unimportant' and 9 per cent considered it 'very unimportant'.

Fifty five per cent of respondents considered that 'A JOB THAT OFFERS FULFILMENT AND/OR SATISFACTION' was a 'very important' aim in farming. A further 37 per cent considered it to be 'important'. Eight per cent considered it to be 'unimportant' or 'very unimportant'.

#### 13(7) Inflation expectations 1985/86

The respondents' prediction of the likely internal inflation rate over the next 12 months disclosed a national average prediction of 11.8 per cent. This prediction compares with 13.6 per cent predicted in the 1984 survey in respect of the period a year earlier.

#### 14 Capital Structure and Investment

##### (A) Liabilities at end of 1984-85 season

Respondents were asked to indicate the distribution of their liabilities at the end of the 1984-85 season. Their responses are set out in Table 14A.

##### (B) New Borrowings during 1984-85 season

When asked if they undertook any new borrowing (including overdraft) during the 1984-85 production season, 36 per cent indicated in the affirmative.

##### (C) Proportion of new liabilities used to refinance existing debt

Respondents who had new liabilities during the 1984-85 season were asked what proportion of the new liabilities was used to refinance existing debt. On average 22 per cent of new liabilities was used to refinance. Hawkes Bay at 30 per cent reported the highest figure with Westland at zero per cent reporting the lowest figure.

##### (D) Importance of Borrowing Factors

When asked to indicate which of four nominated factors was the most important to them as a borrower, 49 per cent said it was the 'rate of interest', (40 per cent in 1984) and 40 per cent the 'annual instalments', (33 per cent in 1984) 6 per cent the 'amount available for borrowing' (16 per cent in 1984) and 5 per cent the 'length of time they had the use of the funds' (12 per cent in 1984). When asked to indicate the least important factor to them as a borrower 45 per cent of respondents said it was the 'amount available' for borrowing (36 per



cent in 1984 ) 38 per cent said it was the 'period of the loan' (27 per cent in 1984) and 12 per cent said the 'annual instalments' (27 per cent in 1984).

(E) Use of Credit Cards

Respondents were asked to indicate when they use credit cards to make purchases. Credit cards were used by 7 per cent of respondents for 'farm related expenses', 54 per cent for 'personal expenses' and 5 per cent for 'other expenses'.

15 Educational and Training

Five per cent have reached primary level (8 per cent in 1984 survey), 32 per cent attended secondary school (42 per cent in 1984), 30 per cent have passed school certificate or fifth form level (20 per cent in 1984) 13 per cent attended sixth and/or seventh form (6 per cent in 1984) 15 per cent have attended University and 6 per cent have attended Polytech or Technical Institute.

16 Personal Data

(A) Age of respondents

The average age of respondents in the Survey was 45 years the same as the 1984 survey.

(B) Sex distribution of respondents

Ninety-five per cent of respondents were male and 5 per cent were female. This compares with 93 and 7 per cent in 1984.

SECTION 4

TABLES OF RESULTS

TABLE 1

Distribution of Respondents by Provincial Land District

	No. of valid Observations	Percent
<u>North Island</u>		
Northland	201	10.6
Central Auckland	67	3.5
South Auckland/ Bay of Plenty	430	22.6
East Coast	51	2.7
Hawkes Bay	114	6.0
Taranaki	159	8.4
Wellington	194	10.2
<u>South Island</u>		
Marlborough	43	2.3
Nelson	57	3.0
Westland	32	1.7
Canterbury	248	13.1
Otago	139	7.3
Southland	164	8.6
	1907	
National Average		100.0

TABLE 2(A)  
Average Area of Farms Surveyed  
by Provincial Land District and Overall

	No. of valid Observations	Average size (Hectares)
<u>North Island</u>		
Northland	194	173.1
Central Auckland	65	110.4
South Auckland/ Bay of Plenty	428	162.1
East Coast	51	408.4
Hawkes Bay	114	630.4
Taranaki	157	209.0
Wellington	194	285.4
<u>South Island</u>		
Marlborough	42	582.2
Nelson	57	206.7
Westland	31	322.1
Canterbury	248	637.4
Otago	138	758.0
Southland	160	446.7
	1879	
National Average		357.3

TABLE 2 (B)

Average Area of Farms Surveyed By Farm Type

	No. of valid Observations	Average Size (Hectares)
Dairy	592	91.8
Sheep/Beef	1001	570.6
Cropping	75	175.2
Other	210	154.0
	1878	
National Average		357.3

TABLE 3(A)

Distribution of Respondents Farm Types  
By Provincial Land District and Overall

	No. of valid Observations	Mainly Dairy %	Mainly Sheep/beef %	Mainly Cropping %	Other %
<u>North Island</u>					
Northland	198	40.4	49.5	1.0	9.1
Central Auckland	67	50.7	29.9	0.0	19.4
South Auckland/ Bay of Plenty	428	60.3	31.3	0.7	7.7
East Coast	51	9.8	76.5	3.9	9.8
Hawkes Bay	114	7.9	82.5	2.6	7.0
Taranaki	158	56.3	32.3	1.9	9.5
Wellington	193	27.5	57.5	3.6	11.4
<u>South Island</u>					
Marlborough	43	11.6	51.2	2.3	34.9
Nelson	57	22.8	57.9	1.8	17.5
Westland	32	40.6	43.8	0.0	15.6
Canterbury	247	7.7	58.3	19.0	15.0
Otago	139	4.3	83.5	2.2	10.1
Southland	163	6.7	81.6	1.8	9.8
	1890				
National Average		31.5	53.4	4.0	11.2

Note: The "Other" category is made up of farms described by respondents as being mainly:-

- Dairy/Sheep/Beef
- Sheep/Beef/Cropping
- Dairy/Cropping
- Dairy/Sheep/Beef/Cropping
- Other

TABLE 4(A) & (B)

Average Expected Number Cows in Milk Per Farm  
at End of 1985 Compared with End of 1984  
By Provincial Land District and Overall

	No. of Valid Observations	End 1984	End 1985	% Change
<u>North Island</u>				
Northland	80	148	152	2.7
Central Auckland	34	146	147	0.7
South Auckland/ Bay of Plenty	254	173	179	3.5
East Coast	5	126	128	1.6
Hawkes Bay	9	124	144	16.1
Taranaki	88	151	152	0.7
Wellington	53	153	158	3.3
<u>South Island</u>				
Marlborough	5	111	106	- 4.5
Nelson	13	161	152	- 5.6
Westland	13	151	159	5.3
Canterbury	18	133	149	12.0
Otago	6	57	95	66.7
Southland	11	86	92	7.0
	589			
National Average		156	162	3.8

TABLE 4(C) & (D)

Average Milkfat Per Farm in 1985/86 Season  
 Compared with 1984/85 Season  
 By Provincial Land District and Overall

	No. of valid Observations	1984/85 (Kilograms)	1985/86 (Kilograms)	% Change
<u>North Island</u>				
Northland	75	21560	21205	1.6
Central Auckland	34	23504	23792	1.2
South Auckland/ Bay of Plenty	254	26993	28093	4.1
East Coast	5	14591	15300	4.9
Hawkes Bay	8	17113	20938	22.3
Taranaki	87	23987	25411	5.9
Wellington	53	22652	24626	8.7
<u>South Island</u>				
Marlborough	5	16120	16200	0.5
Nelson	13	23987	24750	3.2
Westland	12	22209	24758	11.5
Canterbury	17	24518	25835	5.4
Otago	6	8970	14850	65.6
Southland	11	14370	15491	7.8
	580			
National Average		24228	25334	4.5

TABLE 4 (E)

Whether Respondents have had their herd vaccinated against leptospirosis in accordance with MAF instructions

	No. of valid Observations	YES %	NO %
<u>North Island</u>			
Northland	80	70.0	30.0
Central Auckland	33	72.7	27.3
South Auckland/ Bay of Plenty	257	85.6	14.4
East Coast	5	40.0	60.0
Hawkes Bay	9	55.6	44.4
Taranaki	89	71.9	28.1
Wellington	53	66.0	34.0
<u>South Island</u>			
Marlborough	5	100.0	0.0
Nelson	13	92.3	7.7
Westland	13	100.0	0.0
Canterbury	19	47.4	52.6
Otago	6	33.3	66.7
Southland	11	63.6	36.4
	593		
National Average		76.6	23.4

TABLE 4 (F)

Respondents who run pigs on their farm  
By Provincial Land District and Overall

	No. of valid Observations	YES %	NO %
<u>North Island</u>			
Northland	80	10.0	90.0
Central Auckland	33	12.1	87.9
South Auckland/ Bay of Plenty	257	12.5	87.5
East Coast	5	20.0	80.0
Hawkes Bay	9	11.1	88.9
Taranaki	89	18.0	82.0
Wellington	53	15.1	84.9
<u>South Island</u>			
Marlborough	5	20.0	80.0
Nelson	13	7.7	92.3
Westland	13	46.2	53.8
Canterbury	19	21.1	78.9
Otago	6	16.7	83.3
Southland	11	45.5	54.5
	593		
National Average		14.8	85.2



TABLE 5(A)a

Main Farm Classification of Responding Sheep and/or  
Beef Farmers  
By Provincial Land District and Overall

	No. of valid Observations	High Country %	Hill Country %	Hard Hill Country %	Intensive Fattening %	Fattening Breeding %	Mixed Crop Fattening %
<u>North Island</u>							
Northland	96	0.0	32.3	4.2	15.6	46.9	1.0
Central Auckland	18	5.6	33.3	5.6	16.7	38.9	0.0
South Auckland/ Bay of Plenty	127	0.0	32.3	7.9	15.7	44.1	0.0
East Coast	38	0.0	44.7	15.8	7.9	21.1	10.5
Hawkes Bay	94	3.2	44.7	7.4	7.4	34.0	3.2
Taranaki	50	0.0	32.0	12.0	12.0	42.0	2.0
Wellington	106	1.9	49.1	9.4	4.7	27.4	7.5
<u>South Island</u>							
Marlborough	21	4.8	23.8	19.0	9.5	23.8	19.0
Nelson	32	0.0	25.0	15.6	9.4	43.8	6.3
Westland	13	0.0	15.4	0.0	15.4	69.2	0.0
Canterbury	142	3.5	23.2	4.2	7.7	41.5	19.7
Otago	114	3.5	22.8	4.4	2.6	54.4	12.3
Southland	131	0.8	11.5	2.3	16.8	61.8	6.9
	982						
National Average		1.7	29.9	6.8	10.4	43.6	7.5

TABLE 5(B)i & iv

Average Estimated Breeding EWE HOGGET  
 Numbers per respondent at mid 85 compared with mid 84  
 By Provincial Land District and Overall

	No. of valid Observations	Mid 1984	Mid 1985	% Change
<u>North Island</u>				
Northland	97	150	137	- 8.7
Central Auckland	20	203	150	-26.1
South Auckland/ Bay of Plenty	126	553	548	- 0.9
East Coast	35	723	626	-13.4
Hawkes Bay	92	863	830	- 3.8
Taranaki	51	497	508	2.2
Wellington	109	666	646	- 3.0
<u>South Island</u>				
Marlborough	22	517	629	21.7
Nelson	32	292	359	22.9
Westland	13	77	119	54.5
Canterbury	144	522	506	- 3.1
Otago	116	775	690	-11.0
Southland	133	521	529	1.5
	990			
National Average		553	535	-3.3

TABLE 5(B)iii & v

Average Estimates of EWE HOGGETS MATED Autumn 1985  
 Compared with Autumn 1984  
 By Provincial Land District and Overall

	No. of valid Observations	Autumn 1984	Autumn 1985	% Change
<u>North Island</u>				
Northland	97	41	42	2.4
Central Auckland	20	25	24	- 4.0
South Auckland/ Bay of Plenty	126	87	64	-26.4
East Coast	35	100	65	-35.0
Hawkes Bay	92	133	113	-15.0
Taranaki	51	76	85	11.8
Wellington	108	73	56	-23.3
<u>South Island</u>				
Marlborough	22	89	162	82.0
Nelson	31	115	106	- 7.8
Westland	14	32	6	-81.2
Canterbury	144	55	18	-67.3
Otago	116	42	37	-11.9
Southland	131	48	49	2.1
	987			
National Average		69	56	-18.8

TABLE 5(B)iii & vi

Average Estimated Breeding EWE NUMBERS at 30 June 1985  
 Compared with 30 June 1984  
 By Provincial Land District and Overall

	No. of valid Observations	Mid 1984	Mid 1985	% Change
<u>North Island</u>				
Northland	97	750	669	-10.8
Central Auckland	20	740	726	- 1.9
South Auckland/ Bay of Plenty	127	1926	1907	- 1.0
East Coast	38	2200	2075	- 5.7
Hawkes Bay	92	2807	2697	- 3.9
Taranaki	51	1611	1618	0.4
Wellington	109	1975	1951	- 1.2
<u>South Island</u>				
Marlborough	22	2041	2052	0.5
Nelson	31	1256	1309	4.2
Westland	14	730	648	-11.2
Canterbury	144	2185	2273	4.0
Utago	116	2660	2687	1.0
Southland	133	2114	2230	5.5
	994			
National Average		1981	1986	0.3

TABLE 5(C)i & iii

Average Estimated BEEF BREEDING COWS/HEIFERS In Herd  
at 30 June 1985 Compared with 30 June 1984  
By Provincial Land District and Overall

	No. of valid Observations	Mid 1984	Mid 1985	% Change
<u>North Island</u>				
Northland	98	56	60	7.1
Central Auckland	20	56	56	0.0
South Auckland/ Bay of Plenty	126	72	75	4.2
East Coast	38	130	114	-12.3
Hawkes Bay	93	81	83	2.5
Taranaki	51	48	47	- 2.1
Wellington	109	59	52	-11.9
<u>South Island</u>				
Marlborough	22	56	53	- 5.4
Nelson	31	39	41	5.1
Westland	14	19	23	21.1
Canterbury	144	41	42	2.4
Otago	116	47	47	0.0
Southland	132	25	25	0.0
	994			
National Average		55	54	1.8

TABLE 5(C)ii & iv

Average Estimated BEEF BREEDING HEIFERS in Herd  
at 30 June 1985 Compared with 30 June 1984  
By Provincial Land District and Overall

	No. of valid Observations	Mid 1984	Mid 1985	% Change
<u>North Island</u>				
Northland	98	12	14	16.7
Central Auckland	20	12	14	16.7
South Auckland/ Bay of Plenty	126	26	28	7.7
East Coast	38	35	36	2.9
Hawkes Bay	93	32	36	12.5
Taranaki	51	26	25	-3.8
Wellington	109	20	20	0.0
<u>South Island</u>				
Marlborough	22	11	16	45.5
Nelson	32	5	5	0.0
Westland	14	7	12	71.4
Canterbury	143	10	11	10.0
Otago	116	12	13	8.3
Southland	132	5	7	40.0
	994			
National Average		16	18	12.5

TABLE 8 (A)

Erection of NEW FENCING (in metres) in the 1984/85 season and the 1985/86 season  
By Provincial Land Districts and Overall

	No. of valid observations	1984-85	1985-86	% Change
<u>North Island</u>				
Northland	190	637.7	535.7	- 16.0
Central Auckland	62	251.8	297.2	18.0
South Auckland/ Bay of Plenty	397	510.2	331.5	- 35.0
East Coast	47	660.6	340.9	- 48.4
Hawkes Bay	110	728.5	371.7	- 49.0
Taranaki	151	575.5	268.1	- 53.4
Wellington	181	534.3	266.5	- 50.1
<u>South Island</u>				
Marlborough	38	1300.7	801.8	- 38.4
Nelson	53	646.4	266.5	- 58.8
Westland	31	782.9	515.9	- 34.1
Canterbury	235	831.4	410.9	- 50.6
Otago	131	862.9	519.9	- 39.7
Southland	161	742.1	309.0	- 58.4
	1787			
National Average		654.7	376.7	- 42.5

TABLE 8(B)

ERECTION of NEW FENCING (in Metres) in 1984-85 Season and the 1985-86 Season  
By Farm Type

	No. of valid observations	1984-85	1985-86	% Change
Dairy	560	484.6	322.2	- 33.5
Sheep/Beef	970	797.6	427.7	- 46.4
Cropping	66	370.6	264.9	- 28.5
Other	192	510.0	333.9	- 34.5
	1788			
National Average		652.9	378.6	- 42.0

TABLE 10(A)1a

Respondents Opinions Regarding the SHORT TERM (Next Year)  
Market Prospects of SHEEP MEAT  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
North Island	171	8.8	9.9	81.3
Central Auckland	56	8.9	16.1	75.0
South Auckland/ Bay of Plenty	368	6.5	11.1	82.3
East Coast	42	4.8	16.7	78.6
Hawkes Bay	95	6.3	12.6	81.1
Taranaki	134	11.2	14.2	74.6
Wellington	167	12.0	13.2	74.9
<u>South Island</u>				
Marlborough	34	17.6	17.6	64.7
Nelson	50	6.0	10.0	84.0
Westland	30	10.0	10.0	80.0
Canterbury	228	10.5	9.6	79.8
Otago	119	10.1	10.9	79.0
Southland	146	5.5	12.3	82.2
	1640			
National Average		8.7	11.8	79.5

TABLE 10(A)1c

Respondents Opinions Regarding the SHORT TERM (Next Year)  
Market Prospects of SHEEP MEAT  
By Age of Farmer

	No. of valid observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	396	8.3	7.8	83.8
36 - 50	780	7.2	12.7	80.1
51 - 60	320	9.4	13.8	76.9
Over 60	134	17.2	15.7	67.2
	1630			
National Average		8.7	12.0	79.3



TABLE 10(B)1a

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of SHEEP MEAT  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	172	9.3	43.6	47.1
Central Auckland	52	5.8	48.1	46.2
South Auckland/ Bay of Plenty	364	13.5	47.5	39.0
East Coast	43	14.0	30.2	55.8
Hawkes Bay	102	16.7	47.1	36.3
Taranaki	135	17.0	34.8	48.1
Wellington	167	23.4	46.1	30.5
<u>South Island</u>				
Marlborough	33	27.3	48.5	24.2
Nelson	51	15.7	39.2	45.1
Westland	26	7.7	38.5	53.8
Canterbury	231	18.2	39.0	42.9
Otago	121	21.5	38.0	40.5
Southland	149	14.1	50.3	35.6
	1646			
National Average		15.9	43.4	40.7

TABLE 10(B)1c

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of SHEEP MEAT  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	391	13.6	40.7	45.8
36 - 50	780	17.4	41.4	41.2
51 - 60	318	12.9	46.9	40.3
Over 60	147	19.7	55.1	25.2
	1636			
National Average		15.8	43.5	40.6

TABLE 10(C)1a

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of SHEEP MEAT  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	172	28.5	48.8	22.7
Central Auckland	55	27.3	49.1	23.6
South Auckland/ Bay of Plenty	373	34.9	42.1	23.1
East Coast	41	36.6	26.8	36.6
Hawkes Bay	98	53.1	34.7	12.2
Taranaki	136	34.6	33.1	32.4
Wellington	174	57.5	25.3	17.2
<u>South Island</u>				
Marlborough	34	38.2	41.2	20.6
Nelson	50	36.0	38.0	26.0
Westland	29	27.6	41.4	31.0
Canterbury	229	48.0	37.1	14.8
Otago	122	57.4	24.6	18.0
Southland	153	52.3	30.7	17.0
	1666			
National Average		42.4	36.6	21.0

TABLE 10(C)1c

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of SHEEP MEAT  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	401	37.2	42.9	20.0
36 - 50	792	44.9	34.8	20.2
51 - 60	326	44.2	31.0	24.8
Over 60	138	38.4	42.8	18.8
	1657			
National Average		42.4	36.7	20.9

TABLE 10(A)2a

Respondents Opinions Regarding the SHORT TERM (Next Year)  
Market Prospects of BEEF  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	172	13.4	58.7	27.9
Central Auckland	56	10.7	60.7	28.6
South Auckland/ Bay of Plenty	371	16.7	55.8	27.5
East Coast	44	27.3	54.5	18.2
Hawkes Bay	95	20.0	58.9	21.1
Taranaki	136	18.4	58.1	23.5
Wellington	171	22.2	59.1	18.7
<u>South Island</u>				
Marlborough	34	23.5	47.1	29.4
Nelson	50	8.0	72.0	20.0
Westland	28	7.1	75.0	17.9
Canterbury	227	14.5	61.7	23.8
Otago	118	13.6	58.5	28.0
Southland	137	13.1	59.9	27.0
	1639			
National Average		16.2	58.9	24.8

TABLE 10(A)2C

Respondents Opinions Regarding the SHORT TERM (Next year)  
Market Prospects of BEEF  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	392	14.5	62.5	23.0
36 - 50	777	15.3	58.3	26.4
51 - 60	320	16.3	59.4	24.4
Over 60	140	26.4	52.1	21.4
	1643			
National Average		16.3	59.0	24.7

TABLE 10(B)2a

Respondents Opinions Regarding the MEDIUM TERM (1 - 3 years)  
Market Prospects of BEEF  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	174	20.7	66.1	13.2
Central Auckland	52	17.3	73.1	9.6
South Auckland/ Bay of Plenty	377	26.5	60.7	12.7
East Coast	43	27.9	60.5	11.6
Hawkes Bay	100	30.0	60.0	10.0
Taranaki	136	25.0	61.8	13.2
Wellington	176	38.6	55.7	5.7
<u>South Island</u>				
Marlborough	34	23.5	58.8	17.6
Nelson	51	17.6	68.6	13.7
Westland	28	25.0	60.7	14.3
Canterbury	228	20.6	70.2	9.2
Otago	123	29.3	61.0	9.8
Southland	140	20.7	65.0	14.3
	1662			
National Average		25.6	63.1	11.4

TABLE 10(B)2c

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of BEEF  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	393	23.4	66.4	10.2
36 - 50	787	26.2	61.9	11.9
51 - 60	322	26.7	62.4	10.9
Over 60	150	24.7	62.7	12.7
	1652			
National Average		25.5	63.1	11.4

TABLE 10(C)2a

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of BEEF  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
North Island	174	44.3	49.4	6.3
Central Auckland	53	39.6	47.2	13.2
South Auckland/ Bay of Plenty	369	49.3	40.7	10.0
East Coast	39	43.6	41.0	15.4
Hawkes Bay	100	54.0	45.0	1.0
Taranaki	138	42.0	47.1	10.9
Wellington	174	56.9	37.4	5.7
<u>South Island</u>				
Marlborough	35	37.1	40.0	22.9
Nelson	50	30.0	60.0	10.0
Westland	28	35.7	50.0	14.3
Canterbury	226	39.4	50.4	10.2
Otago	120	50.0	44.2	5.8
Southland	141	37.6	50.4	12.1
	1647			
National Average		45.4	45.4	9.2

TABLE 10(C)2c

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of Beef  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	389	40.4	53.0	6.7
36 - 50	786	46.6	44.5	8.9
51 - 60	329	48.0	40.4	11.6
Over 60	134	44.8	43.3	11.9
	1638			
National Average		45.2	45.6	9.2

TABLE 10(A)3a

Respondents Opinions Regarding the SHORT TERM (Next year)  
Market Prospects of Wool  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	169	21.9	64.5	13.6
Central Auckland	56	19.6	69.6	10.7
South Auckland/ Bay of Plenty	366	22.1	58.2	19.7
East Coast	43	27.9	62.8	9.3
Hawkes Bay	99	34.3	48.5	17.2
Taranaki	138	21.7	56.5	21.7
Wellington	168	24.4	58.9	16.7
<u>South Island</u>				
Marlborough	34	20.6	61.8	17.6
Nelson	51	27.5	49.0	23.5
Westland	30	20.0	63.3	16.7
Canterbury	229	31.9	48.5	19.7
Otago	118	33.1	55.9	11.0
Southland	146	30.1	62.3	7.5
	1647			
National Average		26.0	57.4	16.5

TABLE 10(A)3c

Respondents Opinions Regarding the SHORT TERM (Next year)  
Market Prospects of Wool  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	394	26.9	55.6	17.5
36 - 50	786	24.9	57.5	17.6
51 - 60	318	26.1	60.7	13.2
Over 60	139	30.2	55.4	14.4
	1637			
National Average		26.1	57.5	16.4

TABLE 10(B)3a

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of WOOL  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	170	32.4	58.2	9.4
Central Auckland	53	35.8	58.5	5.7
South Auckland/ Bay of Plenty	374	33.7	57.8	8.6
East Coast	44	40.9	56.8	2.3
Hawkes Bay	99	54.5	42.4	3.0
Taranaki	130	32.3	59.2	8.5
Wellington	171	50.3	44.4	5.3
<u>South Island</u>				
Marlborough	32	37.5	53.1	9.4
Nelson	50	36.0	54.0	10.0
Westland	28	17.9	78.6	3.6
Canterbury	231	50.6	44.6	4.8
Otago	125	48.0	46.4	5.6
Southland	143	45.5	50.3	4.2
	1650			
National Average		41.0	52.4	6.5

TABLE 10(B)3c

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of WOOL  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	391	41.9	52.2	5.9
36 - 50	783	41.5	51.5	7.0
51 - 60	321	39.6	56.4	4.0
Over 60	145	40.0	49.7	10.3
	1640			
National Average		41.1	52.4	6.5

TABLE 10(C)3a

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of WOOL  
By Provincial Land District and Overall

	No. of valid Observations %	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	172	50.6	42.4	7.0
Central Auckland	54	46.3	48.1	5.6
South Auckland/ Bay of Plenty	370	50.5	41.6	7.8
East Coast	39	48.7	46.2	5.1
Hawkes Bay	100	69.0	30.0	1.0
Taranaki	133	45.9	45.9	8.3
Wellington	172	61.6	34.3	4.1
<u>South Island</u>				
Marlborough	37	51.4	40.5	8.1
Nelson	50	50.0	46.0	4.0
Westland	29	37.9	55.2	6.9
Canterbury	230	67.4	29.6	3.0
Otago	119	63.0	31.9	5.0
Southland	147	58.5	36.7	4.8
	1652			
National Average		56.0	38.4	5.6

TABLE 10(C)3c

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of WOOL  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	394	54.8	41.4	3.8
36 - 50	789	57.2	36.6	6.2
51 - 60	324	53.7	40.7	5.6
Over 60	136	58.8	33.8	7.4
	1643			
National Average		56.1	38.3	5.6



TABLE 10(A)4a

Respondents Opinions Regarding the SHORT TERM (Next year)  
Market Prospects of DAIRY PRODUCE  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	164	14.6	55.5	29.9
Central Auckland	58	8.6	50.0	41.4
South Auckland/ Bay of Plenty	372	20.4	43.5	36.0
East Coast	40	7.5	47.5	45.0
Hawkes Bay	87	12.6	56.3	31.0
Taranaki	135	20.7	46.7	32.6
Wellington	157	24.2	49.0	26.8
<u>South Island</u>				
Marlborough	32	25.0	56.3	18.8
Nelson	47	4.3	68.1	27.7
Westland	27	14.8	55.6	29.6
Canterbury	209	14.8	62.2	23.0
Otago	109	20.2	56.0	23.9
Southland	123	13.0	74.8	12.2
	1560			
National Average		17.2	53.7	29.1

TABLE 10(A)4c

Respondents Opinions Regarding the SHORT TERM (next year)  
Market Prospects of DAIRY PRODUCE  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	379	14.8	56.7	28.5
36 - 50	739	16.9	53.9	29.2
51 - 60	306	20.3	49.7	30.1
Over 60	127	18.9	55.1	26.0
	1551			
National Average		17.2	53.8	28.9

TABLE 10(B)4a

Respondents Opinions Regarding the MEDIUM TERM (1-3 Years)  
Market Prospects of DAIRY PRODUCE  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<b>North Island</b>				
Northland	165	17.6	52.1	30.3
Central Auckland	56	7.1	41.1	51.8
South Auckland/ Bay of Plenty	378	24.6	48.1	27.2
East Coast	40	7.5	47.5	45.0
Hawkes Bay	88	18.2	51.1	30.7
Taranaki	138	21.7	41.3	37.0
Wellington	157	18.5	52.2	29.3
<b>South Island</b>				
Marlborough	31	16.1	61.3	22.6
Nelson	49	12.2	46.9	40.8
Westland	29	0.0	65.5	34.5
Canterbury	215	13.0	58.1	28.8
Otago	113	15.0	53.1	31.9
Southland	127	13.4	68.5	18.1
	1586			
National Average		17.5	52.1	30.4

TABLE 10(B)4c

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of DAIRY PRODUCE  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	380	17.9	49.5	32.6
36 - 50	746	18.1	52.5	29.4
51 - 60	314	15.6	52.5	31.8
Over 60	136	16.9	56.6	26.5
	1576			
National Average		17.4	52.2	30.4

TABLE 10(C)4a

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of DAIRY PRODUCE  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	170	41.8	34.1	24.1
Central Auckland	56	19.6	41.1	39.3
South Auckland/ Bay of Plenty	366	44.8	37.4	17.8
East Coast	38	31.6	31.6	36.8
Hawkes Bay	88	33.0	47.7	19.3
Taranaki	137	36.5	39.4	24.1
Wellington	158	29.7	42.4	27.8
<u>South Island</u>				
Marlborough	34	32.4	29.4	38.2
Nelson	48	20.8	54.2	25.0
Westland	27	37.0	40.7	22.2
Canterbury	209	21.1	47.8	31.1
Otago	110	23.6	45.5	30.9
Southland	127	21.3	52.0	26.8
	1568			
National Average		32.7	41.8	25.5

TABLE 10(C)4c

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of DAIRY PRODUCE  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	382	30.6	43.2	26.2
36 - 50	741	34.1	42.6	23.2
51 - 60	309	32.7	37.5	29.8
Over 60	127	28.3	44.9	26.8
	1559			
National Average		32.5	41.9	25.5

TABLE 10(A)5a

Respondents Opinions Regarding the SHORT TERM (next year)  
Market Prospects of HORTICULTURAL PRODUCE  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	164	28.7	61.0	10.4
Central Auckland	55	29.1	52.7	18.2
South Auckland/ Bay of Plenty	357	24.1	56.6	19.3
East Coast	40	30.0	50.0	20.0
Hawkes Bay	88	40.9	51.1	8.0
Taranaki	131	28.2	59.5	12.2
Wellington	149	30.9	61.7	7.4
<u>South Island</u>				
Marlborough	30	46.7	40.0	13.3
Nelson	48	35.4	52.1	12.5
Westland	26	23.1	73.1	3.8
Canterbury	207	28.0	56.0	15.9
Otago	112	44.6	42.0	13.4
Southland	124	33.9	58.1	8.1
	1531			
National Average		30.5	56.0	13.5

TABLE 10(A)5c

Respondents Opinions Regarding the SHORT TERM (next year)  
Market Prospects of HORTICULTURAL PRODUCE  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	372	36.0	51.9	12.1
36 - 50	734	27.8	57.8	14.4
51 - 60	293	25.9	59.7	14.3
Over 60	122	41.0	47.5	11.5
	1521			
National Average		30.5	55.9	13.6

TABLE 10(B)5a

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospect of HORTICULTURAL PRODUCE  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	165	29.7	59.4	10.9
Central Auckland	53	17.0	62.3	20.8
South Auckland/ Bay of Plenty	372	27.2	55.9	16.9
East Coast	41	26.8	56.1	17.1
Hawkes Bay	88	33.0	55.7	11.4
Taranaki	137	29.2	59.9	10.9
Wellington	148	29.7	58.1	12.2
<u>South Island</u>				
Marlborough	30	36.7	46.7	16.7
Nelson	49	10.2	77.6	12.2
Westland	27	37.0	63.0	0.0
Canterbury	211	27.0	58.3	14.7
Otago	114	36.0	57.9	6.1
Southland	122	36.1	55.7	8.2
	1557			
National Average		29.0	58.1	12.9

TABLE 10(B)5c

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of HORTICULTURAL PRODUCE  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	371	31.0	57.4	11.6
36 - 50	745	28.7	57.9	13.4
51 - 60	299	25.8	60.5	13.7
Over 60	132	33.3	54.5	12.1
	1547			
National Average		29.1	58.0	12.9

TABLE 10(C)5a

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of HORTICULTURAL PRODUCE  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	166	33.7	47.6	18.7
Central Auckland	53	28.3	49.1	22.6
South Auckland/ Bay of Plenty	352	33.8	47.2	19.0
East Coast	40	30.0	42.5	27.5
Hawkes Bay	90	43.3	41.1	15.6
Taranaki	132	34.1	52.3	13.6
Wellington	150	31.3	52.7	16.0
<u>South Island</u>				
Marlborough	31	45.2	35.5	19.4
Nelson	50	16.0	56.0	28.0
Westland	26	42.3	50.0	7.7
Canterbury	206	32.0	49.5	18.4
Otago	110	46.4	42.7	10.9
Southland	126	35.7	49.2	15.1
	1532			
National Average		34.5	48.0	17.5

TABLE 10(C)5c

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of HORTICULTURAL PRODUCE  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	371	36.4	48.2	15.4
36 - 50	739	36.0	47.6	16.4
51 - 60	297	29.3	50.5	20.2
Over 60	116	32.8	44.0	23.3
	1523			
National Average		34.5	48.1	17.4

TABLE 10(A)6a

Respondents Opinions Regarding the SHORT TERM (next year)  
Market Prospects of DEER INDUSTRY PRODUCTS  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	164	46.3	48.2	5.5
Central Auckland	56	44.6	16.4	8.9
South Auckland/ Bay of Plenty	354	50.0	42.4	7.6
East Coast	41	48.8	39.0	12.2
Hawkes Bay	89	68.5	29.2	2.2
Taranaki	132	40.9	45.5	13.6
Wellington	152	46.7	48.0	5.3
<u>South Island</u>				
Marlborough	31	41.9	35.5	22.6
Nelson	46	63.0	30.4	6.5
Westland	29	62.1	31.0	6.9
Canterbury	219	56.2	36.1	7.8
Otago	111	55.9	36.0	8.1
Southland	126	54.0	33.3	12.7
	1550			
National Average		51.4	40.3	8.3

TABLE 10(A)6c

Respondents Opinions Regarding the SHORT TERM (next year)  
Market Prospects of DEER INDUSTRY PRODUCTS  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	377	57.6	38.5	4.0
36 - 50	741	49.1	40.4	10.5
51 - 60	299	50.5	41.8	7.7
Over 60	123	48.0	41.5	10.6
	1540			
National Average		51.4	40.3	8.4

TABLE 10(B)6a

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of DEER INDUSTRY PRODUCTS  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	163	32.5	62.0	5.5
Central Auckland	52	25.0	69.2	5.8
South Auckland/ Bay of Plenty	362	34.0	53.6	12.4
East Coast	41	29.3	48.8	22.0
Hawkes Bay	92	33.7	60.9	5.4
Taranaki	134	23.1	58.2	18.7
Wellington	151	29.1	60.3	10.6
<u>South Island</u>				
Marlborough	31	16.1	58.1	25.8
Nelson	46	32.6	54.3	13.0
Westland	28	39.3	46.4	14.3
Canterbury	220	35.0	55.5	9.5
Otago	113	27.4	59.3	13.3
Southland	128	28.9	53.1	18.0
	1561			
National Average		30.9	57.0	12.1

TABLE 10(B)6c

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of DEER INDUSTRY PRODUCTS  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	377	34.7	55.2	10.1
36 - 50	747	30.9	56.1	13.0
51 - 60	295	24.1	62.7	13.2
Over 60	132	33.3	54.5	12.1
	1551			
National Average		30.8	57.0	12.3



TABLE 10(C)6a

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of DEER INDUSTRY PRODUCTS  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	168	33.3	48.8	17.9
Central Auckland	52	25.0	55.8	19.2
South Auckland/ Bay of Plenty	352	31.3	45.5	23.3
East Coast	39	30.8	28.2	41.0
Hawkes Bay	92	23.9	53.3	22.8
Taranaki	131	29.0	41.2	29.8
Wellington	151	25.2	49.7	25.2
<u>South Island</u>				
Marlborough	30	16.7	33.3	50.0
Nelson	50	26.0	38.0	36.0
Westland	29	27.6	51.7	20.7
Canterbury	217	23.0	47.9	29.0
Otago	114	23.7	43.9	32.5
Southland	129	24.8	38.8	36.4
	1554			
National Average		27.3	45.6	27.2

TABLE 10(C)6c

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of DEER INDUSTRY PRODUCTS  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	380	26.6	50.0	23.4
36 - 50	749	28.2	44.1	27.8
51 - 60	294	23.1	47.3	29.6
Over 60	122	32.8	36.1	31.1
	1545			
National Average		27.2	45.5	27.3

TABLE 10(A)7a

Respondents Opinions Regarding the SHORT TERM (next year)  
Market Prospects of GOAT INDUSTRY PRODUCTS  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	166	44.0	40.4	15.7
Central Auckland	56	64.3	28.6	7.1
South Auckland/ Bay of Plenty	354	54.5	32.2	13.3
East Coast	42	73.8	16.7	9.5
Hawkes Bay	90	77.8	21.1	1.1
Taranaki	133	53.4	32.3	14.3
Wellington	150	60.0	34.0	6.0
<u>South Island</u>				
Marlborough	30	43.3	43.3	13.3
Nelson	48	70.8	25.0	4.2
Westland	29	48.3	44.8	6.9
Canterbury	221	59.7	33.5	6.8
Otago	112	58.9	31.3	9.8
Southland	129	55.8	31.0	13.2
	1560			
National Average		57.4	32.3	10.3

TABLE 10(A)7c

Respondents Opinions Regarding the SHORT TERM (next year)  
Market Prospects of GOAT INDUSTRY PRODUCTS  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	380	60.3	31.8	7.9
36 - 50	746	55.1	33.4	11.5
51 - 60	299	58.9	31.4	9.7
Over 60	125	56.8	29.6	13.6
	1550			
National Average		57.2	32.3	10.5

TABLE 10(B)7a

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospects of GOAT INDUSTRY PRODUCTS  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Northland	164	39.6	43.9	16.5
Central Auckland	51	43.1	47.1	9.8
South Auckland/ Bay of Plenty	356	44.1	43.0	12.9
East Coast	40	47.5	45.0	7.5
Hawkes Bay	90	54.4	41.1	4.4
Taranaki	133	36.8	48.1	15.0
Wellington	150	46.0	45.3	8.7
<u>South Island</u>				
Marlborough	30	20.0	60.0	20.0
Nelson	46	43.5	52.2	4.3
Westland	28	42.9	39.3	17.9
Canterbury	216	41.2	49.5	9.3
Otago	110	31.8	55.5	12.7
Southland	126	32.5	50.8	16.7
	1540			
National Average		41.1	46.8	12.1

TABLE 10(B)7c

Respondents Opinions Regarding the MEDIUM TERM (1-3 years)  
Market Prospect of GOAT INDUSTRY PRODUCTS  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	372	42.5	46.2	11.3
36 - 50	739	38.7	49.0	12.3
51 - 60	292	42.1	45.2	12.7
Over 60	127	47.2	40.9	11.8
	1530			
National Average		41.0	46.9	12.1

TABLE 10(C)7a

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of GOAT INDUSTRY PRODUCTS  
By Provincial Land District and Overall

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
<u>North Island</u>				
Northland	168	36.9	38.7	24.4
Central Auckland	51	29.4	56.9	13.7
South Auckland/ Bay of Plenty	351	38.2	38.5	23.4
East Coast	39	48.7	25.6	25.6
Hawkes Bay	93	44.1	39.8	16.1
Taranaki	132	40.9	31.8	27.3
Wellington	157	41.4	36.9	21.7
<u>South Island</u>				
Marlborough	29	31.0	34.5	34.5
Nelson	48	41.7	31.3	27.1
Westland	29	31.0	51.7	17.2
Canterbury	218	33.0	40.8	26.1
Otago	114	28.1	53.5	18.4
Southland	130	27.7	39.2	33.1
	1559			
National Average		36.4	39.6	24.0

TABLE 10(C)7c

Respondents Opinions Regarding the LONG TERM (3-10 years)  
Market Prospects of GOAT INDUSTRY PRODUCTS  
By Age of Farmer

	No. of valid Observations	Optimistic %	Reasonably Satisfied %	Pessimistic %
Under 36	377	33.7	44.3	22.0
36 - 50	750	35.6	40.5	23.9
51 - 60	296	40.5	35.5	24.0
Over 60	127	40.2	33.1	26.8
	1550			
National Average		36.5	39.9	23.7

TABLE 10 (2A)a

Whether Respondents are intending to Set aside some part of their farm for the development of activities other than the type of farming that they are presently involved in.  
By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %
<u>North Island</u>			
Northland	195	33.8	66.2
Central Auckland	66	22.7	77.3
South Auckland/ Bay of Plenty	418	29.2	70.8
East Coast	51	45.1	54.9
Hawkes Bay	111	42.3	57.7
Taranaki	155	24.5	75.5
Wellington	192	27.6	72.4
<u>South Island</u>			
Marlborough	41	34.1	65.9
Nelson	56	50.0	50.0
Westland	31	51.6	48.4
Canterbury	240	30.0	70.0
Otago	137	27.0	73.0
Southland	157	28.7	71.3
	1850		
National Average		31.1	68.9

TABLE 10(2A)c

Whether respondents are currently intending to set aside some part of their farm for the development of activities other than the type of farming that they are presently involved in.  
By Age of Farmer

	No. of valid Observations	Yes %	No %
Under 36	420	33.3	66.7
36 - 50	865	35.0	65.0
51 - 60	362	28.2	71.8
Over 60	191	15.7	84.3
	1838		
National Average		31.3	68.7

TABLE 10(2B)a

Type of Farming that Respondents are intending to Diversify into  
By Provincial Land District and Overall

	No. of valid Observations	Horticulture %	Tourism %	Goats %	Deer %	Trees %	Bull Beef %	Cropping %	Other %
<u>North Island</u>									
Northland	62	37.1	1.6	25.8	8.1	9.7	4.8	0.0	12.9
Central Auckland	14	21.4	7.1	28.6	21.4	7.1	7.1	7.1	0.0
South Auckland/ Bay of Plenty	113	33.6	0.0	36.3	15.0	6.2	4.4	0.9	3.5
East Coast	22	18.2	0.0	45.5	4.5	13.6	9.1	0.0	9.1
Hawkes Bay	45	8.9	2.2	60.0	4.4	8.9	4.4	0.0	11.1
Taranaki	33	33.3	3.0	33.3	9.1	9.1	6.1	0.0	6.1
Wellington	51	29.4	2.0	25.5	11.8	11.8	2.0	13.7	3.9
<u>South Island</u>									
Marlborough	14	35.7	7.1	28.6	21.4	7.1	0.0	0.0	0.0
Nelson	27	40.7	0.0	7.4	25.9	7.4	7.4	3.7	7.4
Westland	14	7.1	7.1	21.4	57.1	0.0	0.0	0.0	7.1
Canterbury	66	19.7	6.1	28.8	18.2	13.6	4.5	1.5	7.6
Otago	35	8.6	2.9	37.1	20.0	20.0	0.0	5.7	5.7
Southland	43	11.6	4.7	27.9	20.9	16.3	7.0	2.3	9.3
	539								
National Average		25.2	2.6	32.5	15.4	10.4	4.5	2.6	6.9

TABLE 10(2B)c

Type of Farming that Respondents are intending to Diversify into  
By Age of Farmer

	No. of valid Observations	Horticulture %	Tourism %	Goats %	Deer %	Trees %	Bull Beef %	Cropping %	Other %
Under 36	129	22.5	1.6	34.1	17.1	14.0	4.7	0.8	5.4
36 - 50	286	23.4	3.5	31.1	16.8	9.1	5.9	2.1	8.0
51 - 60	93	31.2	1.1	31.2	12.9	9.7	1.1	6.5	6.5
51 - 60	30	33.3	3.3	40.0	6.7	13.3	0.0	3.3	0.0
	538								
National Average		25.1	2.6	32.3	15.6	10.6	4.5	2.6	6.7

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TABLE 10(3A)

Respondents Opinions Regarding their General Health  
By Provincial Land District and Overall

	No. of valid Observations	Excellent %	Good %	Average %	Poor %	Bad %
<u>North Island</u>						
Northland	201	34.3	44.8	18.4	1.5	1.0
Central Auckland	67	31.3	44.8	22.4	1.5	0.0
South Auckland/ Bay of Plenty	423	35.9	44.2	16.8	3.1	0.0
East Coast	49	26.5	51.0	20.4	2.0	0.0
Hawkes Bay	112	39.3	42.9	15.2	2.7	0.0
Taranaki	159	24.5	50.3	23.3	1.9	0.0
Wellington	191	30.9	47.6	19.9	1.6	0.0
<u>South Island</u>						
Marlborough	43	27.9	51.2	18.6	2.3	0.0
Nelson	56	26.8	50.0	21.4	1.8	0.0
Westland	32	40.6	37.5	21.9	0.0	0.0
Canterbury	245	25.7	51.4	21.6	0.8	0.4
Otago	136	33.8	43.4	22.8	0.0	0.0
Southland	161	23.6	50.3	24.2	1.9	0.0
	1875					
National Average		31.1	46.9	20.0	1.8	0.2

TABLE 10(3A)c

Respondents Opinions Regarding their General Health  
By Age of Farmer

	No. of valid Observations	Excellent %	Good %	Average %	Poor %	Bad %
Under 36	421	41.1	46.3	11.2	1.4	0.0
36 - 50	879	32.3	47.4	18.5	1.6	0.1
51 - 60	375	24.3	44.8	29.1	1.6	0.3
Over 60	189	18.0	49.2	28.6	3.7	0.5
	1864					
National Average		31.2	46.8	20.0	1.8	0.2



TABLE 10(3B)a

Respondents Opinions Regarding their Health  
 No. of days lost through injury or ill/health  
 By Provincial Land District and Overall

	No. of valid Observations	Average No. Days
<u>North Island</u>		
Northland	196	8.5
Central Auckland	67	5.1
South Auckland/ Bay of Plenty	417	5.2
East Coast	49	15.0
Hawkes Bay	112	5.6
Taranaki	154	8.4
Wellington	189	6.5
<u>South Island</u>		
Marlborough	43	7.1
Nelson	55	5.6
Westland	31	2.8
Canterbury	239	4.6
Otago	134	6.1
Southland	162	3.5
	1848	
National Average		6.1

TABLE 10(3B)c

Respondents Opinions Regarding their Health  
 No. of days lost through injury or ill/health  
 By Age of Farmer

	No. of valid Observations	Average No. days
Under 36	423	3.9
36 - 50	856	6.2
51 - 60	375	6.5
Over 60	185	9.9
	1839	
National Average		6.1

TABLE 10(3C)a

Respondents Opinions Regarding their Health  
Extent to which Respondent or Family suffer from Stress as a result  
of Farming Activities  
By Provincial Land District and Overall

	No. of valid Observations	None %	Slightly %	Average %	Considerable %
<u>North Island</u>					
Northland	199	22.1	33.2	31.2	13.6
Central Auckland	67	25.4	26.9	32.8	14.9
South Auckland/ Bay of Plenty	419	23.4	28.6	37.0	11.0
East Coast	48	33.3	18.8	29.2	18.8
Hawkes Bay	112	22.3	35.7	26.8	15.2
Taranaki	159	18.9	24.5	41.5	15.1
Wellington	190	24.7	33.7	30.0	11.6
<u>South Island</u>					
Marlborough	43	30.2	20.9	44.2	4.7
Nelson	56	17.9	30.4	37.5	14.3
Westland	32	34.4	25.0	28.1	12.5
Canterbury	243	18.5	30.9	35.0	15.6
Otago	138	18.8	34.8	31.9	14.5
Southland	161	14.9	37.9	33.5	13.7
	1867				
National Average		21.7	30.7	34.2	13.3

TABLE 10 (3C)c

Respondents Opinions Regarding their Health  
Extent to which Respondent or family suffer from Stress as a  
Result of Farming activities.  
By Age of Farmer

	No. of valid Observations	None %	Slightly %	Average %	Considerable %
Under 36	420	15.0	32.9	36.9	15.2
36 - 50	873	18.7	29.3	36.3	15.7
51 - 60	372	25.0	34.9	29.8	10.2
Over 60	191	44.5	24.1	25.7	5.8
	1856				
National Average		21.8	30.7	34.1	13.5

TABLE 10(3D)a

Respondents Opinions Regarding their Health  
Degree of change in level of Stress over last two years  
By Provincial Land District and Overall

	No. of valid Observations	Increased %	Remained Same %	Decreased %
<u>North Island</u>				
Northland	194	37.6	53.1	9.3
Central Auckland	64	35.9	56.3	7.8
South Auckland/ Bay of Plenty	414	38.2	53.9	8.0
East Coast	46	58.7	39.1	2.2
Hawkes Bay	104	47.1	43.3	9.6
Taranaki	156	44.2	47.4	8.3
Wellington	185	40.0	53.0	7.0
<u>South Island</u>				
Marlborough	38	39.5	55.3	5.3
Nelson	56	41.1	50.0	8.9
Westland	30	40.0	56.7	3.3
Canterbury	241	54.4	39.8	5.8
Otago	131	58.0	37.4	4.6
Southland	159	57.2	39.0	3.8
	1818			
National Average		45.2	47.9	7.0

TABLE 10(3D)c

Respondents Opinions Regarding their Health  
Degree of change in level of Stress in the last two years  
By Age of Farmer

	No. of valid Observations	Increased %	Remained Same %	Decreased %
Under 36	412	54.9	39.1	6.1
36 - 50	857	45.9	46.9	7.2
51 - 60	363	41.0	50.4	8.5
Over 60	176	29.5	67.0	3.4
	1808			
National Average		45.4	47.8	6.9

TABLE 10(3E)a

Respondents Opinions Regarding their Health  
 Major farming factors causing Stress  
 By Provincial Land District and Overall

No. of valid Observations	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %	11 %	12 %	13 %	14 %	15 %	16 %	
<u>North Island</u>																	
Northland	166	32.5	4.8	10.2	2.4	6.6	3.6	9.0	1.2	6.0	1.2	3.0	3.0	0.6	2.4	5.4	7.8
Central Auckland	52	34.6	9.6	5.8	3.8	5.8	3.8	9.6	0.0	9.6	1.9	5.8	1.9	0.0	1.9	1.9	3.8
South Auckland/ Bay of Plenty	343	35.0	5.0	6.1	0.6	5.2	4.7	12.0	1.5	5.8	5.2	1.5	1.5	1.5	4.1	2.6	7.9
East Coast	39	38.5	10.3	7.7	0.0	5.1	10.3	10.3	0.0	2.6	0.0	0.0	0.0	0.0	5.1	0.0	10.3
Hawkes Bay	99	39.4	10.1	8.1	4.0	5.1	9.1	6.1	2.0	7.1	0.0	1.0	0.0	1.0	0.0	6.1	1.0
Taranaki	135	32.6	6.7	5.9	0.7	3.0	3.7	11.9	0.7	5.2	3.7	1.5	2.2	3.0	5.2	4.4	9.6
Wellington	154	35.7	5.8	2.6	5.8	4.5	9.1	11.0	0.0	6.5	1.9	1.9	0.0	0.6	1.9	3.2	9.1
<u>South Island</u>																	
Marlborough	30	40.0	10.0	6.7	3.3	10.0	3.3	0.0	0.0	6.7	0.0	3.3	0.0	0.0	6.7	3.3	6.7
Nelson	52	32.7	7.7	7.7	3.8	9.6	3.8	17.3	0.0	1.9	1.9	1.9	0.0	0.0	1.9	7.7	1.9
Westland	21	47.6	0.0	14.3	0.0	9.5	0.0	19.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
Canterbury	206	32.0	10.7	11.7	14.1	4.9	4.9	7.3	2.9	3.9	0.0	0.0	0.0	1.0	1.9	1.9	2.9
Otago	112	35.7	4.5	6.3	17.0	4.5	3.6	8.9	0.9	5.4	0.0	0.9	1.8	0.0	2.7	2.7	5.4
Southland	147	42.2	2.7	8.2	0.0	6.8	4.8	6.1	0.0	9.5	1.4	0.7	2.0	2.7	1.4	4.1	7.5
	1556																
National Average		35.5	6.4	7.5	4.7	5.5	5.1	9.7	1.2	5.8	2.1	1.5	1.2	1.2	2.8	3.5	6.5

- 1 = Financial
- 2 = Doubt about future
- 3 = Climate
- 4 = Drought
- 5 = Government
- 6 = Lack of Income
- 7 = Long Hours
- 8 = Possibility of Farm Failure
- 9 = Product Prices
- 10 = Reduction in Labour
- 11 = Tied to Animals
- 12 = No Holidays
- 13 = Isolated Incidents
- 14 = Seasonal Variation
- 15 = Too busy
- 16 = Other

TABLE 10(3E)c

Respondents Opinions Regarding their Health  
Major Farming Factors Causing family Stress  
By Age of Farmer

	No. of valid Observations	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %	11 %	12 %	13 %	14 %	15 %	16 %
Under 36	373	41.0	7.5	5.6	4.8	3.8	6.2	8.3	1.3	5.4	1.3	1.3	1.1	1.6	1.9	2.9	5.9
36 - 50	759	35.3	5.1	6.7	5.0	6.2	4.7	11.7	1.6	5.4	2.1	2.0	1.2	0.9	2.6	3.4	5.9
51 - 60	287	30.3	8.4	9.1	2.8	5.9	3.8	9.1	0.3	9.4	2.1	0.3	2.1	1.0	4.2	3.8	7.3
Over 60	128	32.8	6.3	12.5	7.8	5.5	6.3	3.9	0.0	2.3	3.1	1.6	0.0	0.8	3.1	3.9	10.2
	1547																
National Average		35.6	6.4	7.4	4.8	5.5	5.0	9.8	1.2	5.9	2.0	1.5	1.2	1.1	2.8	3.4	6.5

- |                                 |                          |
|---------------------------------|--------------------------|
| 1 = Financial                   | 9 = Product Prices       |
| 2 = Doubt about Future          | 10 = Reduction in Labour |
| 3 = Climate                     | 11 = Tied to Animals     |
| 4 = Drought                     | 12 = No Holidays         |
| 5 = Government                  | 13 = Isolated Inciden    |
| 6 = Lack of Income              | 14 = Seasonal Variations |
| 7 = Long Hours                  | 15 = Too Busy            |
| 8 = Possibility of Farm Failure | 16 = Other               |

TABLE 10(3F)a

Respondents Opinions Regarding their Health  
Those who have suffered from leptospirosis  
By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %
<u>North Island</u>			
Northland	200	23.0	77.0
Central Auckland	65	24.6	75.4
South Auckland/ Bay of Plenty	423	26.2	73.8
East Coast	50	8.0	92.0
Hawkes Bay	112	3.6	96.4
Taranaki	157	28.0	72.0
Wellington	192	7.3	92.7
<u>South Island</u>			
Marlborough	43	9.3	90.7
Nelson	56	21.4	78.6
Westland	31	19.4	80.6
Canterbury	245	1.2	98.8
Otago	138	0.7	99.3
Southland	159	0.0	100.0
	1871		
National Average		14.2	85.8

TABLE 10(3F)c

Respondents Opinions Regarding their Health  
Those who have suffered from Leptospirosis  
By Age of Farmer

	No. of valid Observations	Yes %	No %
Under 36	422	11.1	88.9
36 - 50	874	16.5	83.5
51 - 60	373	12.1	87.9
Over 60	191	13.6	86.4
	1860		
National Average		14.1	85.9

TABLE 10(3G)a

Respondents Opinions Regarding their Health  
Those who have suffered Health complaints after using any agricultural  
Chemicals.

By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %
<u>North Island</u>			
Northland	198	12.6	87.4
Central Auckland	66	16.7	83.3
South Auckland/ Bay of Plenty	419	15.3	84.7
East Coast	49	28.6	71.4
Hawkes Bay	112	9.8	90.2
Taranaki	157	19.1	80.9
Wellington	191	16.2	83.8
<u>South Island</u>			
Marlborough	39	5.1	94.9
Nelson	57	21.1	78.9
Westland	32	21.9	78.1
Canterbury	242	12.0	88.0
Otago	137	9.5	90.5
Southland	157	11.5	88.5
	1856		
National Average		14.4	85.6

TABLE 10(3G)c

Respondents Opinions Regarding their Health  
Those who suffered health complaints after using  
Agricultural Chemicals

By Age of Farmer

	No. of valid Observations	Yes %	No %
Under 36	419	13.1	86.9
36 - 50	865	16.8	83.2
51 - 60	370	12.7	87.3
Over 60	191	8.4	91.6
	1845		
National Average		14.3	85.7

TABLE 10(3Gb)a

Respondents Opinions Regarding their Health  
Chemicals Specified as causing health complaints  
By Provincial Land Districts and Overall

	No. of valid Observations	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Northland	23	8.7	39.1	0.0	4.3	4.3	34.8	8.7	0.0	0.0	0.0	0.0	0.0
Central Auckland	9	0.0	55.6	0.0	0.0	0.0	22.2	22.2	0.0	0.0	0.0	0.0	0.0
South Auckland/ Bay of Plenty	51	0.0	29.4	5.9	19.6	2.0	3.9	25.5	3.9	0.0	3.9	0.0	5.9
East Coast	5	0.0	40.0	0.0	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	20.0
Hawkes Bay	9	11.1	44.4	0.0	0.0	0.0	0.0	0.0	0.0	22.2	0.0	0.0	22.2
Taranaki	26	0.0	30.8	3.8	15.4	11.5	11.5	3.8	3.8	0.0	0.0	0.0	19.2
Wellington	20	0.0	35.0	10.0	5.0	0.0	5.0	0.0	5.0	0.0	10.0	5.0	25.0
<u>South Island</u>													
Nelson	10	0.0	20.0	10.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0	30.0
Westland	4	25.0	50.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Canterbury	18	0.0	11.1	0.0	11.1	0.0	22.2	0.0	0.0	0.0	0.0	11.1	44.4
Otago	11	9.1	9.1	0.0	18.2	9.1	9.1	0.0	0.0	9.1	0.0	9.1	27.3
Southland	13	0.0	23.1	0.0	7.7	7.7	7.7	0.0	0.0	30.8	0.0	0.0	23.1
199													
National Average		2.5	30.2	3.5	12.1	3.5	12.6	9.0	2.0	3.5	2.0	2.5	16.6

- |                   |                  |
|-------------------|------------------|
| 1 = Pour on dip   | 7 = 24D          |
| 2 = 245T          | 8 = Hormones     |
| 3 = Ragwort Spray | 9 = MCPA/MCPB    |
| 4 = Tordon 500    | 10 = Weed Sprays |
| 5 = Brushkiller   | 11 = Difolitan   |
| 6 = Paraquat      | 12 = Other       |



TABLE 10(3GB)c

Respondents Opinions Regarding their Health  
Chemicals specified as causing Health complaints  
By Age of Farmer

	No. of valid Observations	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Under 36	38	5.3	26.3	0.0	15.8	5.3	13.2	5.3	2.6	0.0	0.0	2.6	23.7
36 - 50	107	2.8	29.0	6.5	9.3	2.8	14.0	9.3	1.9	6.5	0.9	2.8	14.0
51 - 60	41	0.0	34.1	0.0	9.8	4.9	7.3	12.2	2.4	0.0	4.9	2.4	22.0
Over 60	12	0.0	41.7	0.0	25.0	0.0	16.7	8.3	0.0	0.0	8.3	0.0	0.0
	198												
National Average		2.5	30.3	3.5	11.6	3.5	12.6	9.1	2.0	3.5	2.0	2.5	16.7

- |                   |                  |
|-------------------|------------------|
| 1 = Pour on dip   | 7 = 24D          |
| 2 = 245T          | 8 = Hormones     |
| 3 = Ragwort Spray | 9 = MCPA/MCPB    |
| 4 = Tordon 500    | 10 = Weed Sprays |
| = Brushkiller     | 11 = Difolitan   |
| 6 = Paraquat      | 12 = Other       |

TABLE 10(3Gc)a

Respondents Opinions Regarding their Health  
Complaints specified as being effects of Chemicals used  
By Provincial Land District and Overall

	No. of valid Observations	1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %	11 %	12 %	13 %	14 %
<u>North Island</u>															
Northland	24	33.3	0.0	16.7	8.3	0.0	0.0	12.5	0.0	0.0	16.7	0.0	8.3	0.0	4.2
Central Auckland	10	50.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0
South Auckland/ Bay of Plenty	60	36.7	5.0	16.7	10.0	1.7	0.0	1.7	1.7	3.3	1.7	1.7	8.3	3.3	8.3
East Coast	14	21.4	14.3	28.6	7.1	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	21.4
Hawkes Bay	10	30.0	20.0	30.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
Taranaki	26	30.8	11.5	3.8	7.7	3.8	0.0	0.0	0.0	0.0	7.7	3.8	0.0	15.4	15.4
Wellington	26	30.8	11.5	11.5	0.0	3.8	0.0	3.8	3.8	0.0	15.4	3.8	0.0	3.8	11.5
<u>South Island</u>															
Marlborough	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Nelson	11	27.3	9.1	18.2	0.0	9.1	0.0	9.1	0.0	9.1	9.1	0.0	9.1	0.0	0.0
Westland	7	42.9	0.0	0.0	0.0	28.6	0.0	0.0	14.3	14.3	0.0	0.0	0.0	0.0	0.0
Canterbury	25	40.0	4.0	8.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	12.0	4.0	8.0	4.0
Otago	12	58.3	8.3	8.3	0.0	0.0	0.0	8.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0
Southland	15	46.7	0.0	13.3	6.7	0.0	0.0	0.0	0.0	6.7	0.0	0.0	6.7	13.3	6.7
241															
National Average		36.1	6.6	13.3	5.4	2.5	2.9	2.9	2.1	2.1	5.4	3.3	4.1	4.6	8.7

- |   |                   |    |                       |
|---|-------------------|----|-----------------------|
| 1 | Headaches         | 8  | Me Sym. 'Tapanui Flu' |
| 2 | Dizziness         | 9  | Hospitalization       |
| 3 | Nausea            | 10 | Stomach Pains         |
| 4 | General Illness   | 11 | Itching               |
| 5 | Diarrhoea         | 12 | Skin Problems         |
| 6 | Muscle Joint Pain | 13 | Poisoning             |
| 7 | Nasal Irritation  | 14 | Other                 |

TABLE 10(3Gc)c

Respondents Opinions Regarding their Health  
 Complaints specified as being caused by chemicals used.  
 By Age of Farmer

No. of valid Observations		1	2	3	4	5	6	7	8	9	10	11	12	13	14
		%	%	%	%	%	%	%	%	%	%	%	%	%	%
Under 36	50	28.0	4.0	18.0	4.0	2.0	6.0	2.0	6.0	0.0	4.0	2.0	10.0	6.0	8.0
36 - 50	131	43.5	7.6	12.2	6.1	3.1	1.5	2.3	0.0	3.8	6.1	3.8	3.1	3.8	3.1
51 - 60	42	31.0	2.4	11.9	7.1	2.4	4.8	2.4	2.4	0.0	2.4	4.8	2.4	7.1	19.0
Over 60	15	6.7	13.3	13.3	0.0	0.0	0.0	13.3	6.7	6.7	6.7	0.0	0.0	0.0	33.3
	238														
National Average		35.7	6.3	13.4	5.5	2.5	2.9	2.9	2.1	2.5	5.0	3.4	4.2	4.6	8.8
1	Headaches	8	Me Sym. 'Tapanui Flu'												
2	Dizziness	9	Hospitalization												
3	Nausea	10	Stomach Pains												
4	General Illness	11	Itching												
5	Diarrhoea	12	Skin Problems												
6	Muscle Joint Pain	13	Poisoning												
7	Nasal Irritation	14	Other												

TABLE 10(4A)

Respondents Intentions regarding Expenditure Items over next 2 years  
 Intentions to purchase NEW CAR  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Not Sure %
<u>North Island</u>				
Northland	194	15.5	62.4	22.2
Central Auckland	66	16.7	63.6	19.7
South Auckland/ Bay of Plenty	409	17.1	57.9	24.9
East Coast	50	16.0	56.0	28.0
Hawkes Bay	112	15.2	69.6	15.2
Taranaki	157	15.9	61.8	22.3
Wellington	190	12.6	65.8	21.6
<u>South Island</u>				
Marlborough	41	9.8	65.9	24.4
Nelson	53	11.3	67.9	20.8
Westland	31	6.5	74.2	19.4
Canterbury	241	7.1	73.9	19.1
Otago	139	2.9	80.6	16.5
Southland	160	7.5	73.8	18.8
	1843			
National Average		12.5	66.3	21.2

TABLE 10(4A)c

Respondents Intentions regarding Expenditure items over next 2 years  
 Intentions to purchase NEW CAR  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	420	10.2	70.7	19.0
36 - 50	865	12.4	65.9	21.7
51 - 60	362	14.9	64.1	21.0
Over 60	184	13.6	62.0	24.5
	1831			
National Average		12.5	66.2	21.2

TABLE 10(4B)a

Respondents Intentions regarding Expenditure items over next 2 years  
 Intentions to purchase HOME COMPUTER  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Not sure %
<u>North Island</u>				
Northland	193	4.1	83.4	12.4
Central Auckland	66	9.1	84.8	6.1
South Auckland/ Bay of Plenty	407	6.4	81.3	12.3
East Coast	49	0.0	98.0	2.0
Hawkes Bay	108	2.8	86.1	11.1
Taranaki	156	1.3	92.3	6.4
Wellington	191	5.2	85.9	8.9
Marlborough	41	4.9	87.8	7.3
Nelson	54	5.6	85.2	9.3
Westland	32	6.3	75.0	18.8
Canterbury	239	2.9	85.4	11.7
Otago	138	4.3	90.6	5.1
Southland	157	5.1	86.0	8.9
	1831			
National Average		4.5	85.6	9.9

TABLE 10(4B)c

Respondents Intentions regarding Expenditure items over next 2 years  
 Intentions to purchase HOME COMPUTER  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	421	5.5	82.2	12.4
36 - 50	861	4.8	84.6	10.7
51 - 60	366	4.4	89.9	5.7
Over 60	171	1.8	91.2	7.0
	1819			
National Average		4.6	85.7	9.7

TABLE 10 (4C)a

Respondents Intentions regarding Expenditure items over next 2 years  
 Intentions to purchase VIDEO RECORDER  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Not sure %
<u>North Island</u>				
Northland	193	3.1	85.0	11.9
Central Auckland	66	0.0	95.0	4.5
South Auckland/ Bay of Plenty	401	4.5	87.5	8.0
East Coast	49	0.0	91.8	8.2
Hawkes Bay	108	1.9	96.3	1.9
Taranaki	155	3.2	91.6	5.2
Wellington	189	3.7	85.2	11.1
<u>South Island</u>				
Marlborough	41	9.8	87.8	2.4
Nelson	54	0.0	98.1	1.9
Westland	32	3.1	93.8	3.1
Canterbury	238	2.1	89.9	8.0
Otago	138	3.6	93.5	2.9
Southland	157	2.5	90.4	7.0
	1821			
National Average		3.1	89.7	7.1

TABLE 10(4C)c

Respondents Intentions regarding Expenditure items over next 2 years  
 Intentions to purchase VIDEO RECORDER  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	420	3.6	90.0	6.4
36 - 50	857	3.2	88.6	8.3
51 - 60	363	2.8	89.5	7.7
Over 60	169	2.4	95.3	2.4
	1809			
National Average		3.1	89.7	7.2

TABLE 10(4d)a

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to purchase STEREO SYSTEM  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Not sure %
<u>North Island</u>				
Northland	192	2.6	93.8	3.6
Central Auckland	66	3.0	92.4	4.5
South Auckland/ Bay of Plenty	400	1.8	95.3	3.0
East Coast	49	4.1	93.9	2.0
Hawkes Bay	108	2.8	95.4	1.9
Taranaki	155	4.5	92.9	2.6
Wellington	189	1.6	93.7	4.8
<u>South Island</u>				
Marlborough	39	5.1	94.9	0.0
Nelson	55	3.6	90.9	5.5
Westland	32	3.1	96.9	0.0
Canterbury	238	0.4	95.0	4.6
Otago	138	1.4	97.8	0.7
Southland	157	0.6	96.2	3.2
	1818			
National Average		2.1	94.7	3.2

TABLE 10(4d)c

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to purchase STEREO SYSTEM  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	420	1.7	95.2	3.1
36 - 50	854	2.5	93.6	4.0
51 - 60	363	1.9	95.6	2.5
Over 60	169	2.4	96.4	1.2
	1806			
National Average		2.2	94.6	3.2

TABLE 10(4E)a

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to purchase TELEVISION  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Not sure %
<u>North Island</u>				
Northland	193	4.7	86.0	9.3
Central Auckland	64	9.4	84.4	6.3
South Auckland/ Bay of Plenty	402	5.7	85.6	8.7
East Coast	49	0.0	98.0	2.0
Hawkes Bay	109	2.8	90.8	6.4
Taranaki	155	5.8	87.7	6.5
Wellington	189	5.8	84.7	9.5
<u>South Island</u>				
Marlborough	39	2.6	92.3	5.1
Nelson	54	3.7	83.3	13.0
Westland	32	3.1	87.5	9.4
Canterbury	239	2.9	87.4	9.6
Otago	138	2.2	89.9	8.0
Southland	157	2.5	88.5	8.9
	1820			
National Average		4.3	87.3	8.4

TABLE 10(4E)c

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to purchase TELEVISION  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	420	2.9	90.2	6.9
36 - 50	855	3.7	87.5	8.8
51 - 60	364	6.9	84.6	8.5
Over 60	169	6.5	82.2	11.2
	1808			
National Average		4.4	87.1	8.5



TABLE 10(4F)a

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to do EXTENSIVE HOME IMPROVEMENTS  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Not sure %
<u>North Island</u>				
Northland	194	16.5	74.2	9.3
Central Auckland	67	11.9	71.6	16.4
South Auckland/ Bay of Plenty	401	8.0	81.0	11.0
East Coast	50	4.0	94.0	2.0
Hawkes Bay	109	7.3	83.5	9.2
Taranaki	157	10.8	78.3	10.8
Wellington	189	8.5	79.9	11.6
<u>South Island</u>				
Marlborough	41	9.8	82.9	7.3
Nelson	54	14.8	72.2	13.0
Westland	32	12.5	71.9	15.6
Canterbury	241	10.0	75.9	14.1
Otago	138	5.1	88.4	6.5
Southland	157	2.5	84.7	12.7
	1830			
National Average		9.1	79.9	11.0

TABLE 10(4F)c

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to do EXTENSIVE HOME IMPROVEMENTS  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	421	8.6	80.3	11.2
36 - 50	863	9.8	77.2	13.0
51 - 60	365	8.8	83.8	7.4
Over 60	169	7.7	79.9	11.0
	1818			
National Average		9.1	79.9	11.0

TABLE 10(4G)a

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to purchase SPA or SWIMMING POOL  
 By Provincial Land District and overall

	No. of valid Observations	Yes %	No %	Not sure %
<u>North Island</u>				
Northland	193	2.1	91.7	6.2
Central Auckland	67	1.5	92.5	6.0
South Auckland/ Bay of Plenty	400	1.8	93.8	4.5
East Coast	49	2.0	98.0	0.0
Hawkes Bay	108	0.9	95.4	3.7
Taranaki	154	1.3	92.9	5.8
Wellington	188	2.1	94.1	3.7
<u>South Island</u>				
Marlborough	39	2.6	94.9	2.6
Nelson	53	3.8	90.6	5.7
Westland	32	3.1	93.8	3.1
Canterbury	238	2.1	95.4	2.5
Otago	138	0.7	98.6	0.7
Southland	157	0.0	98.1	1.9
	1816			
National Average		1.7	94.5	3.8

TABLE 10 (4G)c

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to purchase SPA or SWIMMING POOL  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	420	1.7	95.2	3.1
36 - 50	853	2.0	93.4	4.6
51 - 60	362	1.4	94.8	3.9
Over 60	169	0.6	98.2	1.2
	1804			
National Average		1.7	94.6	3.8

TABLE 10(4H)a

Respondents Intentions regarding Expenditure items over next two years  
 Intentions to go on OVERSEAS TRIP  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Not sure %
<u>North Island</u>				
Northland	195	18.5	65.1	16.4
Central Auckland	67	17.9	65.7	16.4
South Auckland/ Bay of Plenty	406	20.2	58.9	20.9
East Coast	49	8.2	67.3	24.5
Hawkes Bay	108	12.0	71.3	16.7
Taranaki	157	10.8	68.2	21.0
Wellington	188	13.8	69.7	16.5
<u>South Island</u>				
Marlborough	41	9.8	80.5	9.8
Nelson	56	21.4	62.5	16.1
Westland	32	12.5	65.6	21.9
Canterbury	239	11.3	74.1	14.6
Otago	138	7.2	85.5	7.2
Southland	158	9.5	77.2	13.3
	1834			
National Average		14.3	68.9	16.8

TABLE 10(4H)c

Respondents Intentions regarding Expenditure over next two years  
 Intentions to go on OVERSEAS TRIP  
 By Age of Farmer

	No. of valid Observations	Yes %	No %	Not sure %
Under 36	420	7.6	80.0	12.4
36 - 50	865	14.0	69.7	16.3
51 - 60	366	21.0	58.2	20.8
Over 60	171	17.5	61.4	21.1
	1822			
National Average		14.3	69.0	16.7

TABLE 10(5A)a

Respondents Opinions as to how they rate their aims in Farming  
As a SOURCE OF INCOME  
By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very unimportant %
<u>North Island</u>						
Northland	196	51.5	36.2	8.2	2.0	2.0
Central Auckland	65	50.8	47.7	1.5	0.0	0.0
South Auckland/ Bay of Plenty	417	55.2	39.8	3.1	1.7	0.2
East Coast	48	62.5	31.3	6.3	0.0	0.0
Hawkes Bay	112	60.7	30.4	5.4	2.7	0.9
Taranaki	153	64.1	30.1	2.6	2.0	1.3
Wellington	189	55.0	36.5	6.3	2.1	0.0
<u>South Island</u>						
Marlborough	40	52.5	40.0	0.0	7.5	0.0
Nelson	56	42.9	48.2	3.6	3.6	1.8
Westland	31	32.3	58.1	9.7	0.0	0.0
Canterbury	242	55.4	36.8	5.4	0.8	1.7
Otago	136	53.7	40.4	3.7	0.7	1.5
Southland	159	53.5	42.1	4.4	0.0	0.0
	1844					
National Average		54.8	38.2	4.6	1.6	0.8

TABLE 10(5A)c

Respondents Opinions as to how they rate their aims in Farming  
AS A SOURCE OF INCOME  
By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	418	52.2	41.6	3.8	1.7	0.7
36 - 50	868	56.3	36.2	5.0	1.5	1.0
51 - 60	365	55.3	38.9	4.7	1.1	0.0
Over 60	182	50.0	41.2	4.4	2.7	1.6
	1833					
National Average		54.6	38.5	4.6	1.6	0.8

TABLE 10(5B)a

Respondents Opinions as to how they rate their aims in Farming  
AS A WAY OF LIFE  
By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
<u>North Island</u>						
Northland	195	43.6	46.2	7.2	2.1	1.0
Central Auckland	65	50.8	35.4	12.3	0.0	1.5
South Auckland/ Bay of Plenty	415	53.5	37.1	6.3	2.7	0.5
East Coast	48	35.4	50.0	8.3	6.3	0.0
Hawkes Bay	111	55.0	35.1	6.3	3.6	0.0
Taranaki	155	43.9	45.2	9.0	1.9	0.0
Wellington	186	41.9	40.9	12.4	2.7	2.2
<u>South Island</u>						
Marlborough	40	45.0	47.5	5.0	0.0	2.5
Nelson	57	42.1	43.9	8.8	5.3	0.0
Westland	31	54.8	32.3	9.7	3.2	0.0
Canterbury	242	38.0	47.1	10.3	2.9	1.7
Otago	137	46.7	41.6	8.8	0.7	2.2
Southland	159	37.7	48.4	10.7	2.5	0.6
	1841					
National Average		45.6	42.3	8.7	2.5	1.0

TABLE 10(5B)c

Respondents Opinions as to how they rate their aims in Farming  
AS A WAY OF LIFE  
By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	421	46.3	43.5	7.1	2.4	0.7
36 - 50	866	44.6	42.6	10.3	1.5	1.0
51 - 60	361	46.0	41.0	7.5	4.2	1.4
Over 60	180	45.0	42.2	7.8	4.4	0.6
	1828					
National Average		45.3	42.5	8.8	2.5	1.0

TABLE 10(5C)a

Respondents Opinions as to how they rate their aims in Farming  
AS AN OUTDOOR LIFE CLOSE TO NATURE  
By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
<u>North Island</u>						
Northland	193	30.6	40.4	18.1	7.3	3.6
Central Auckland	62	32.3	48.4	17.7	1.6	0.0
South Auckland/ Bay of Plenty	411	34.3	41.1	16.3	5.1	3.2
East coast	47	38.3	38.3	19.1	0.0	4.3
Hawkes Bay	111	36.9	33.3	21.6	7.2	0.9
Taranaki	154	36.6	44.2	20.8	4.5	3.9
Wellington	187	25.1	41.2	22.5	7.5	3.7
<u>South Island</u>						
Marlborough	37	40.5	29.7	18.9	2.7	8.1
Nelson	55	21.8	50.9	18.2	9.1	0.0
Westland	31	29.0	41.9	19.4	3.2	6.5
Canterbury	239	27.2	45.2	20.1	5.4	2.1
Otago	136	25.0	53.7	15.4	4.4	1.5
Southland	159	29.6	39.0	20.1	9.4	1.9
	1822					
National Average		30.1	42.4	18.9	5.8	2.8



TABLE 10(5C)c

Respondents Opinions as to how they rate their aims in Farming  
 AS AN OUTDOOR LIFE CLOSE TO NATURE  
 By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	417	26.4	41.2	24.7	6.2	1.4
36 - 50	862	29.5	42.8	17.6	7.1	3.0
51 - 60	357	30.5	40.9	21.3	4.2	3.1
Over 60	172	42.4	44.2	7.0	1.7	4.7
	1808					
National Average		30.2	42.2	19.0	5.8	2.8

TABLE 10(5D)a

Respondents Opinions as to how they rate their aims in Farming  
AS SOME OPPORTUNITY FOR LEISURE  
By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
<u>North Island</u>						
Northland	187	13.9	30.5	27.8	19.8	8.0
Central Auckland	62	14.5	25.8	37.1	14.5	8.1
South Auckland/ Bay of Plenty	405	17.0	39.0	22.7	14.3	6.9
East Coast	45	13.3	26.7	31.1	15.6	13.3
Hawkes Bay	111	14.4	34.2	23.4	19.8	8.1
Taranaki	150	16.7	34.0	29.3	10.7	9.3
Wellington	181	11.6	29.8	30.4	16.6	11.6
<u>South Island</u>						
Marlborough	37	10.8	32.4	35.1	5.4	16.2
Nelson	53	11.3	15.1	34.0	22.6	17.0
Westland	30	3.3	40.0	30.0	13.3	13.3
Canterbury	239	10.0	28.0	28.5	17.2	16.3
Otago	134	14.2	24.6	35.1	14.9	11.2
Southland	155	14.2	25.2	27.7	16.8	16.1
	1789					
National Average		13.9	31.1	28.2	15.9	11.0

TABLE 10(5D)c

Respondents Opinions as to how they rate their aims in Farming  
 AS SOME OPPORTUNITY FOR LEISURE  
 By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	411	14.1	31.1	28.5	16.8	9.5
36 - 50	849	14.0	29.3	30.2	15.4	11.1
51 - 60	352	11.9	31.8	26.7	18.2	11.4
Over 60	164	14.0	38.4	22.6	12.2	12.8
	1776					
National Average		13.6	31.1	28.4	16.0	10.9

TABLE 10(5E)a

Respondents Opinions as to how they rate their aims in Farming  
AS A MEANS OF ACCUMULATING CAPITAL  
By Provincial Land district and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
<u>North Island</u>						
Northland	189	16.4	38.1	22.8	13.2	9.5
Central Auckland	63	12.7	47.6	12.7	17.5	9.5
South Auckland/ Bay of Plenty	413	26.4	36.6	21.8	12.3	2.9
East Coast	45	17.8	44.4	20.0	8.9	8.9
Hawkes Bay	111	17.1	33.3	22.5	19.8	7.2
Taranaki	152	23.0	39.5	16.4	10.5	10.5
Wellington	185	15.7	39.5	26.5	11.9	6.5
<u>South Island</u>						
Marlborough	39	17.9	33.3	20.5	10.3	17.9
Nelson	55	12.7	32.7	23.6	18.2	12.7
Westland	30	13.3	36.7	26.7	16.7	6.7
Canterbury	239	12.1	41.4	20.5	13.8	12.1
Otago	135	16.3	33.3	27.4	16.3	6.7
Southland	158	13.3	35.4	34.2	11.4	5.7
	1814					
National Average		18.1	37.8	23.0	13.4	7.7

TABLE 10(5E)c

Respondents Opinions as to how they rate their aims in Farming  
AS A MEANS OF ACCUMULATING CAPITAL  
By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	413	16.9	40.7	21.1	13.3	8.0
36 - 50	857	18.2	37.2	23.5	13.4	7.7
51 - 60	361	19.1	34.9	24.1	14.7	7.2
Over 60	170	18.2	40.6	22.9	10.0	8.2
	1801					
National Average		18.1	37.9	23.0	13.3	7.7

TABLE 10(5F)a

Respondents Opinions as to how they rate their aims in Farming  
AS A STANDING IN THE COMMUNITY  
By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
<u>North Island</u>						
Northland	189	3.2	10.6	29.1	32.3	24.9
Central Auckland	62	6.5	1.6	32.3	38.7	21.0
South Auckland/ Bay of Plenty	407	3.4	10.8	30.7	27.3	27.8
East Coast	47	2.1	6.4	23.4	31.9	36.2
Hawkes Bay	111	3.6	5.4	32.4	27.0	31.5
Taranaki	153	4.6	15.7	31.4	24.2	24.2
Wellington	185	2.2	4.9	35.1	32.4	25.4
<u>South Island</u>						
Marlborough	37	2.7	5.4	21.6	35.1	35.1
Nelson	55	0.0	7.3	20.0	30.9	41.8
Westland	30	0.0	10.0	13.3	46.7	30.0
Canterbury	239	0.4	8.8	28.9	27.6	34.3
Otago	136	1.5	11.8	18.4	35.3	33.1
Southland	159	2.5	10.1	30.2	27.7	29.6
	1810					
National Average		2.7	9.3	29.0	29.8	29.2

TABLE 10(5F)c

Respondents Opinions as to how they rate their aims in Farming  
AS A STANDING IN THE COMMUNITY  
By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	415	2.2	7.7	28.4	30.1	31.6
36 - 50	857	2.7	7.9	29.8	29.4	30.2
51 - 60	357	2.2	10.9	29.7	32.2	24.9
Over 60	167	4.8	15.6	27.5	25.7	26.3
	1796					
National Average		2.7	9.2	29.2	29.8	29.1

TABLE 10(5G)a

Respondents Opinions as to how they rate their aims in Farming  
 AS A JOB AS ONE'S OWN BOSS  
 By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
<u>North Island</u>						
Northland	191	4.0	40.3	11.5	2.1	2.1
Central Auckland	63	41.3	44.4	3.2	4.8	6.3
South Auckland/ Bay of Plenty	415	46.5	39.0	8.2	3.6	2.7
East Coast	47	48.9	34.0	14.9	2.1	0.0
Hawkes Bay	110	37.3	44.5	12.7	3.6	1.8
Taranaki	156	42.9	41.0	10.3	3.8	1.9
Wellington	186	37.1	45.7	7.5	8.1	1.6
<u>South Island</u>						
Marlborough	40	35.0	47.5	10.0	7.5	0.0
Nelson	55	40.0	43.6	10.9	1.8	3.6
Westland	30	23.3	53.3	10.0	13.3	0.0
Canterbury	240	30.8	50.0	12.1	3.8	3.3
Otago	136	31.6	48.5	12.5	2.9	4.4
Southland	160	34.4	50.0	11.3	3.8	0.6
	1829					
National Average		39.3	44.1	10.2	4.1	2.4



TABLE 10(5G)c

Respondents Opinions as to how they rate their aims in Farming  
 AS A JOB AS ONE'S OWN BOSS  
 By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	417	40.5	43.9	8.9	4.1	2.6
36 - 50	867	38.4	45.3	10.7	3.0	2.5
51 - 60	358	36.6	44.4	10.9	6.4	1.7
Over 60	174	43.1	41.4	8.0	5.2	2.3
	1816					
National Average		39.0	44.4	10.1	4.1	2.4

TABLE 10(5H)a

Respondents Opinions as to how they rate their Aims in Farming  
AS A MEANS OF PROVIDING JOB OPPORTUNITIES FOR ONE'S FAMILY  
By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very unimportant %
<u>North Island</u>						
Northland	192	18.8	34.9	26.6	11.5	8.3
Central Auckland	62	14.5	32.3	24.2	16.1	12.9
South Auckland/ Bay of Plenty	409	17.4	28.6	26.9	15.2	12.0
East Coast	47	17.0	25.5	38.3	6.4	12.8
Hawkes Bay	111	18.0	32.4	26.1	13.5	9.9
Taranaki	154	24.7	34.4	22.7	13.0	5.2
Wellington	186	12.9	30.6	31.2	15.6	9.7
<u>South Island</u>						
Marlborough	39	23.1	23.1	25.6	15.4	12.8
Nelson	55	14.5	23.6	36.4	18.2	7.3
Westland	30	16.7	20.0	26.7	23.3	13.3
Canterbury	239	17.2	31.4	28.9	15.5	7.1
Otago	134	15.7	37.3	25.4	11.9	9.7
Southland	158	20.9	31.0	31.0	13.9	3.2
	1816					
National Average		17.8	31.1	27.9	14.3	9.0

TABLE 10(5H)c

Respondents Opinions as to how they rate their Aims in Farming  
AS A MEANS OF PROVIDING JOB OPPORTUNITIES FOR ONE'S FAMILY  
By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	416	14.9	32.0	32.0	13.0	8.2
36 - 50	859	16.9	30.0	30.2	14.7	8.3
51 - 60	359	20.3	34.3	20.9	15.9	8.6
Over 60	169	22.5	29.6	20.7	14.2	13.0
	1803					
National Average		17.6	31.3	27.8	14.5	8.8

TABLE 10(5I)a

Respondents Opinions as to how they rate their Aims in Farming  
AS A JOB THAT OFFERS FULFILMENT AND/OR SATISFACTION  
By Provincial Land District and Overall

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
<u>North Island</u>						
Northland	193	51.3	36.3	8.8	1.0	2.6
Central Auckland	63	58.7	31.7	6.3	1.6	1.6
South Auckland/ Bay of Plenty	413	57.9	32.9	6.1	1.5	1.7
East Coast	46	60.9	34.8	4.3	0.0	0.0
Hawkes Bay	111	61.3	27.9	8.1	2.7	0.0
Taranaki	157	52.9	40.8	4.5	1.9	0.0
Wellington	188	48.4	41.5	6.9	2.7	0.5
<u>South Island</u>						
Marlborough	39	48.7	41.0	10.3	0.0	0.0
Nelson	55	60.0	32.7	1.8	1.8	3.6
Westland	30	56.7	30.0	6.7	3.3	3.3
Canterbury	242	54.1	38.4	5.8	0.4	1.2
Otago	134	60.4	35.1	2.2	0.7	1.5
Southland	160	45.6	43.8	7.5	2.5	0.6
	1831					
National Average		54.6	36.5	6.2	1.5	1.3

TABLE 10(5I)c

Respondents Opinions as to how they rate their Aims in Farming  
 AS A JOB THAT OFFERS FULFILMENT AND/OR SATISFACTION  
 By Age of Farmer

	No. of valid Observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Under 36	418	57.7	35.9	5.3	0.5	0.7
36 - 50	866	51.6	38.2	6.8	2.0	1.4
51 - 60	361	56.2	34.3	6.6	1.4	1.4
Over 60	173	56.6	34.7	5.2	1.7	1.7
	1818					
National Average		54.4	36.6	6.3	1.5	1.3

TABLE 14(A)

Distribution of Liabilities as at End of 1984-85  
Season - By source

	No. of valid Observations	Average Amount Borrowed \$	Average Interest Rate %	Long Term %	Medium Term %	Short Term %
<u>North Island</u>						
1. Rural Bank	1097	75074	11.2	75.8	21.7	2.5
2. Govt. Agency other than R.B.F.C.	127	74405	10.7	76.0	17.8	6.2
3. Trustee Savings Bank	98	51426	19.0	57.0	34.0	9.0
4. Respondents Trading Bank	722	28832	21.0	6.5	33.0	60.5
5. Building Society	64	33671	18.5	73.1	17.9	9.0
6. Insurance Company	257	73591	17.5	65.5	25.4	9.1
7. Stock and Station Agent	219	32972	21.9	6.7	12.4	80.8
8. Trust Company	33	83182	17.0	22.6	54.8	22.6
9. Solicitors Trust Fund	177	52226	19.3	6.1	34.6	59.2
10. Family Loan	413	64599	10.5	57.4	28.6	14.0
11. Last Owner of Farm	142	73752	13.9	12.7	60.6	26.8
12. Local Body	123	11197	9.3	77.0	23.0	---
13. Finance Company	85	46316	20.2	1.3	43.0	55.7
14. Dairy Company	45	29667	19.1	8.5	59.6	31.9
15. Private Savings Bank	5	62720	16.3	25.0	25.0	50.0
16. Other	65	80033	15.5	25.4	30.2	44.4
Long Term = Longer than 10 years Medium Term = 3 - 10 years Short Term = Up to 3 years						

TABLE 14(B)a

Whether Respondents Made Any NEW BORROWING during  
the 1984-85 Period Season  
By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %	Don't Know %
<u>North Island</u>				
Northland	183	30.1	69.9	0.0
Central Auckland	64	35.9	60.9	3.1
South Auckland/ Bay of Plenty	384	40.9	58.6	0.5
East Coast	50	30.0	70.0	0.0
Hawkes Bay	106	32.1	66.0	1.9
Taranaki	148	39.9	57.4	2.7
Wellington	174	33.9	66.1	0.0
<u>South Island</u>				
Marlborough	35	28.6	71.4	0.0
Nelson	53	32.1	67.9	0.0
Westland	30	20.0	76.7	3.3
Canterbury	237	39.2	60.3	0.4
Otago	126	30.2	69.0	0.8
Southland	152	36.2	62.5	1.3
	1742			
National Average		35.6	63.5	0.9

TABLE 14(C)a

Proportion of NEW BORROWINGS used to refinance  
By Provincial Land District and Overall

	No. of valid Observations	Proportion %
<u>North Island</u>		
Northland	51	17.4
Central Auckland	21	16.9
South Auckland/ Bay of Plenty	136	22.0
East Coast	14	4.0
Hawkes Bay	29	30.4
Taranaki	49	25.7
Wellington	50	17.4
<u>South Island</u>		
Marlborough	9	20.1
Nelson	14	17.9
Westland	4	0.0
Canterbury	81	29.5
Otago	34	18.4
Southland	48	24.0
	540	
National Average		22.0

TABLE 14(C)c

Proportion of NEW BORROWINGS used to refinance  
By Age of farmer

	No. of valid Observations	Proportion %
Under 36	154	20.6
36 - 50	267	22.7
51 - 60	94	22.9
Over 60	24	21.7
	539	
National Average		22.1



TABLE 14(D)1a

Respondents Assessment of Which Factor is the MOST IMPORTANT  
WHEN BORROWING FINANCE  
By Provincial Land District and Overall

	No. of valid Observations	Interest Rate %	Amount Available %	Period of Loan %	Annual Instalments %
<u>North Island</u>					
Northland	166	49.4	3.6	6.6	40.4
Central Auckland	57	35.1	5.3	10.5	49.1
South Auckland/ Bay of Plenty	370	43.5	7.6	4.3	44.6
East Coast	42	59.5	0.0	2.4	38.1
Hawkes Bay	95	53.7	4.2	4.2	37.9
Taranaki	141	47.5	10.6	5.0	36.9
Wellington	154	44.8	8.4	8.4	38.3
<u>South Island</u>					
Marlborough	34	61.8	2.9	5.9	29.4
Nelson	44	45.5	2.3	4.5	47.7
Westland	27	33.3	3.7	0.0	63.0
Canterbury	220	53.6	4.1	5.0	37.3
Otago	117	59.8	1.7	6.8	31.6
Southland	147	56.5	7.5	2.7	33.3
	1614				
National Average		49.3	5.8	5.3	39.6

TABLE 14(D)2a

Respondents Assessment of Which Factor is the  
LEAST IMPORTANT WHEN BORROWING FINANCE  
By Provincial Land District and Overall

	No. of valid Observations	Interest Rate %	Amount Available %	Period of Loan %	Annual Instalments %
<u>North Island</u>					
Northland	150	6.7	40.7	36.7	16.0
Central Auckland	51	9.8	51.0	35.3	3.9
South Auckland/ Bay of Plenty	335	7.2	41.2	37.9	13.7
East Coast	36	8.3	22.2	50.0	19.4
Hawkes Bay	93	0.0	52.7	40.9	6.5
Taranaki	133	5.3	41.4	41.4	12.0
Wellington	142	4.9	40.1	41.5	13.4
<u>South Island</u>					
Marlborough	32	3.1	43.8	34.4	18.8
Nelson	40	0.0	55.0	37.5	7.5
Westland	25	16.0	68.0	12.0	4.0
Canterbury	212	4.2	45.3	37.7	12.7
Otago	106	2.8	50.9	35.8	10.4
Southland	132	3.8	50.0	35.6	10.6
	1487				
National Average		5.2	44.6	37.9	12.2

TABLE 14(E)1a

Respondents use of CREDIT CARDS for different forms of EXPENDITURE  
 For Farm Related Expenses  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %
<u>North Island</u>			
Northland	183	3.3	96.7
Central Auckland	66	6.1	93.9
South Auckland/ Bay of Plenty	401	7.5	92.5
East Coast	48	8.3	91.7
Hawkes Bay	102	8.8	91.2
Taranaki	152	9.9	90.1
Wellington	176	6.3	93.8
<u>South Island</u>			
Marlborough	36	2.8	97.2
Nelson	54	9.3	90.7
Westland	30	10.0	90.0
Canterbury	239	4.6	95.4
Otago	133	12.8	87.2
Southland	157	7.6	92.4
	1777		
National Average		7.2	92.8

TABLE 14(E)2a

Respondents Use of CREDIT CARDS for different forms of EXPENDITURE  
FOR PRIVATE/PERSONAL EXPENSE  
By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %
<u>North Island</u>			
Northland	182	39.0	61.0
Central Auckland	66	54.5	45.5
South Auckland/ Bay of Plenty	405	59.3	40.7
East Coast	48	43.8	56.3
Hawkes Bay	106	69.8	30.2
Taranaki	151	62.3	37.7
Wellington	177	62.1	37.9
<u>South Island</u>			
Marlborough	36	50.0	50.0
Nelson	54	37.0	63.0
Westland	30	53.3	46.7
Canterbury	240	45.4	54.6
Otago	133	55.6	44.4
Southland	155	50.3	49.7
	1783		
National Average		53.9	46.1

TABLE 14(E)3a

Respondents Use of CREDIT CARDS for different forms of EXPENDITURE  
 For Expenses other than Farm Related or Private/Personal  
 By Provincial Land District and Overall

	No. of valid Observations	Yes %	No %
<u>North Island</u>			
Northland	171	4.1	95.9
Central Auckand	64	1.6	98.4
South Auckland/ Bay of Plenty	367	4.6	95.4
East Coast	43	7.0	93.0
Hawkes Bay	96	9.4	90.6
Taranaki	138	2.2	97.8
Wellington	151	6.0	94.0
<u>South Island</u>			
Marlborough	36	2.8	97.2
Nelson	50	6.0	94.0
Westland	29	10.3	89.7
Canterbury	211	4.3	95.7
Otago	122	6.6	93.4
Southland	148	7.4	92.6
	1626		
National Average		5.2	94.8

TABLE 15 (A)

Highest Level of Education Obtained  
By Provincial Land District and Overall

	No. of valid Observations	Primary %	Intermediate Some Secondary %	School Cert 5th Form %	6th or 7th Form %	University/College Teachers College %	Polytech/Tech Institute/Other Tertiary %
<u>North Island</u>							
Northland	196	7.7	31.6	24.0	15.3	14.3	7.1
Central Auckland	67	7.5	32.8	31.3	11.9	11.9	4.5
South Auckland/ Bay of Plenty	419	5.3	29.6	29.4	12.9	15.8	7.2
East Coast	50	8.0	32.0	30.0	6.0	24.0	0.0
Hawkes Bay	112	5.4	18.8	29.5	16.1	23.2	7.1
Taranaki	156	3.8	36.5	35.3	7.7	10.9	5.8
Wellington	187	3.2	26.2	29.4	18.7	18.7	3.7
<u>South Island</u>							
Marlborough	40	2.5	47.5	22.5	10.0	17.5	0.0
Nelson	54	5.6	29.6	33.3	13.0	11.1	7.4
Westland	32	6.3	18.8	21.9	15.6	18.8	18.8
Canterbury	247	3.6	30.4	31.6	15.4	14.6	4.5
Otago	135	5.9	37.8	26.7	11.1	11.9	6.7
Southland	162	3.1	42.6	35.8	8.0	6.8	3.7
	1857						
National Average		5.0	31.6	29.9	13.0	14.8	5.8

TABLE 15(B)a

Courses undertaken over past 10 years  
 By Respondents and Other family or staff members  
 Overall

	No. of valid Observations	Self		Family/Workers	
		Yes	No	Yes	No
Lincoln College	1791	6.7	93.3	8.6	91.4
Massey University	1791	4.6	95.4	7.7	92.3
Tech Correspondence	1792	6.6	93.4	8.2	91.8
Trade Certificate	1791	5.0	95.0	9.3	90.7
Flock House Cert.	1791	2.6	97.4	3.2	96.8
Telford Farm Training	1791	3.1	96.9	2.8	97.2
Other Place	1783	7.8	92.2	5.4	94.6

TABLE 15(C)a

Courses attended by Respondents or Courses Respondents/Family or Staff would be interested in attending over the next two years.

Overall

	No. of valid Observations	Courses attended		Interested in Attending	
		Yes %	No %	Yes %	No %
Farming: General	1687	16.4	83.6	18.1	81.9
Farm Management	1687	14.5	85.5	11.0	89.0
Stock e.g. sheep dairy etc	1687	7.8	92.2	6.2	93.8
Goats/Deer	1687	7.2	92.8	14.8	85.2
Grasslands	1687	8.9	91.1	16.2	83.8
Cropping	1687	10.3	89.7	9.4	90.6
Horticulture	1688	6.6	93.4	4.9	95.1
Fertiliser Use	1674	15.6	84.4	20.6	79.4
Farm Forestry	1672	15.5	84.5	19.4	80.6
Finances	1672	9.6	90.4	7.4	92.6
Computing	1672	12.4	87.6	20.1	79.9
Practical Skills	1672	10.5	89.5	23.6	76.4
Personal Development	1672	21.4	78.6	13.3	86.7
Other Courses	1667	9.0	91.0	3.3	96.7



TABLE 16(A)1a  
Age Of Respondent  
By Provincial Land District

	No. of valid Observations	Average Age (Years)
<u>North Island</u>		
Northland	199	46.3
Central Auckland	67	48.0
South Auckland/ Bay of Plenty	424	45.7
East Coast	50	48.3
Hawkes Bay	114	44.9
Taranaki	154	44.3
Wellington	190	45.9
<u>South Island</u>		
Marlborough	43	45.8
Nelson	57	46.6
Westland	32	45.4
Canterbury	248	42.5
Otago	138	44.0
Southland	164	44.2
	1880	
National Average		45.1

TABLE 16(B)1a

Sex of Respondents  
By Provincial Land District and Overall

	No. of valid Observations	Male %	Female %
<u>North Island</u>			
Northland	198	93.9	6.1
Central Auckland	67	89.6	10.4
South Auckland/ Bay of Plenty	425	94.6	5.4
East Coast	51	92.2	7.8
Hawkes Bay	114	97.4	2.6
Taranaki	155	96.8	3.2
Wellington	189	94.2	5.8
<u>South Island</u>			
Marlborough	43	100.0	0.0
Nelson	57	89.5	10.5
Westland	32	84.4	15.6
Canterbury	248	95.6	4.4
Otago	138	98.6	1.4
Southland	164	93.3	6.7
	1881		
National Average		94.7	5.3

TABLE 16(B)1c

Sex of Respondents  
By Age Groups

	No. of valid Observations	Male %	Female %
Under 36	425	94.4	5.6
36 - 50	881	94.2	5.8
51 - 60	382	96.6	3.4
Over 60	196	94.9	5.1
	1889		
National Average		94.7	5.3



A P P E N D I X A





Lincoln College  
New Zealand Farmer

**Intentions and Opinions Survey**

**1985**





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**AGRICULTURAL ECONOMICS RESEARCH UNIT**  
LINCOLN COLLEGE, CANTERBURY

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October 1985

Dear Farmer,

Earlier this year I was challenged to say how primary producers, experiencing one of the most difficult times in New Zealand's economic history, could be assisted. I replied that in the first instance we had to establish a 'hot line' to the grass-roots to learn of the farmers' current intentions, motivations, needs and opinions. This questionnaire aims to do just that. The information I shall derive from it will enable policy-makers, the agri-business sector and the community generally to be better informed on farmer thinking and the farm situation.

Of the numerous surveys I have conducted over the last ten years this is the most ambitious. It covers an extremely wide range of issues that are of vital concern to you all.

As in the past I am sure I can rely on you to co-operate by answering the questions. I have asked them in such a way that in most cases all you have to do is insert a number in the small boxes. I do not want you to have to consult your advisors - you will be able to answer them all 'off the cuff'.

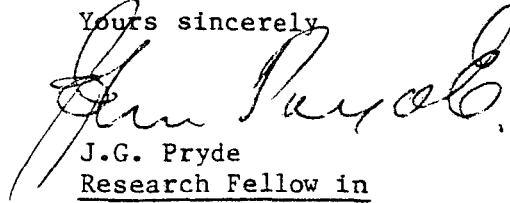
Naturally your responses will be confidential to me and I again give you my personal assurance on this issue.

As soon as I have received enough responses I shall announce the aggregated results.

I appeal to you all most fervently to answer the questions and post the questionnaire back to me in the enclosed envelope as soon as possible. Remember, no stamp is required.

Thank-you all in anticipation. I hope you find the questions stimulating.

Yours sincerely



J.G. Pryde  
Research Fellow in  
Agricultural Policy



LINCOLN COLLEGE FARMER INTENTIONS AND OPINIONS SURVEY

OCTOBER-DECEMBER 1985

Please answer questions by inserting the appropriate NUMBER in the box. In some cases the response required is a few words, which we will encode later.

1. PROVINCIAL LAND DISTRICT

Your farm is in the Provincial Land District of:

- |                                  |     |             |      |
|----------------------------------|-----|-------------|------|
| Northland                        | (1) | Wellington  | (7)  |
| Central Auckland                 | (2) | Marlborough | (8)  |
| South Auckland/<br>Bay of Plenty | (3) | Nelson      | (9)  |
| East Coast                       | (4) | Westland    | (10) |
| Hawkes Bay                       | (5) | Canterbury  | (11) |
| Taranaki                         | (6) | Otago       | (12) |
|                                  |     | Southland   | (13) |

2. FARM AREA

In hectares, the total area of your farm is:  
(One hectare = approx. 2.5 acres)

3. TYPE OF FARM

Your farm is MAINLY:

- |            |     |                        |
|------------|-----|------------------------|
| Dairying   | (1) | (Now go to Question 4) |
| Sheep-Beef | (2) | (Now go to Question 5) |
| Cropping   | (3) | (Now go to Question 6) |
| Other      | (4) | (Now go to Question 6) |

4. DAIRY FARMERS

- (A) Your total cows in milk at December 1984:
- (B) Your total cows in milk at December 1985 will be:
- (C) Total milkfat production in the 1984/85 season (kg)
- (D) Estimated total milkfat production in 1985/86 (kg)
- (E) Has your dairy herd being vaccinated against leptospirosis in accordance with MAF instructions?

Yes (1) No (2)

- (F) Do you run pigs on your farm?

Yes (1) No (2)

NOW GO TO QUESTION 6.

5 SHEEP AND BEEF FARMERS

(A) You would describe your farm as MAINLY:

- High Country (1) Intensive Fattening (4)
- Hill Country (2) Fattening Breeding (5)
- Hard Hill Country (3) Mixed Cropping and Fattening (6)

(B) Sheep Numbers

- (i) As at 30 June 1985 how many ewe hoggets did you have?
- (ii) How many ewe hoggets did you put to the ram in the autumn of 1985?
- (iii) Excluding those ewe hoggets, how many breeding ewes did you have at mid-1985?
- (iv) Last year as at 30 June 1984 how many ewe hoggets did you have?
- (v) How many ewe hoggets did you put to the ram in the autumn of 1984?
- (vi) Excluding those ewe hoggets, how many breeding ewes did you have at mid-1984?


(C) Beef Breeding Cow/Heifers

- (i) At 30 June 1984 how many beef breeding cows did you have?
- (ii) At 30 June 1984 how many beef breeding heifers did you have?
- (iii) At 30 June 1985 how many beef breeding cows did you have?
- (iv) At 30 June 1985 how many beef breeding heifers did you have?

6. SOIL TESTING

(A) When did you last have a soil test on your farm?

- Within the last year (1)
- One to two years ago (2)
- Two to five years ago (3)
- Longer than five years ago (4)
- Never (5)

IF NEVER THEN GO TO QUESTION (H)

(B) How many different paddocks on your farm did you have tested?

(C) Who carried out the soil tests?

- MAF Advisor (1)
- Fertiliser Company Advisor/Rep (2)
- Private Consultant (3)
- Yourself (4)
- Other(specify).....(5)

(D) Who interpreted the results?

- MAF Advisor (1)
- Fertiliser Company Advisor/Rep (2)
- Private Consultant (3)
- Yourself (4)
- Other(specify).....(5)

(E) How useful to you were the results?

- Very useful (1) Useful (2) Neutral (3)
- Little use (4) No use (5)

(F) When do you expect to retest?

- Within a year (1)
- One-two years (2)
- Three-five years (3)
- Longer/never (4)

(G) Which would you prefer?

- Sample own paddocks (1)
- Pay someone to sample your paddocks (2)
- No soil testing (3)
- Other (specify)..... (4)

(H) How much would you be prepared to pay per paddock for a professionally prepared soil test and fertiliser recommendation? (Dollars per paddock)

7. SALT AND SALT BLOCKS (COMMON SALT IS SODIUM CHLORIDE)

(A) Are you aware of a sodium deficiency on your property?

- Yes (1) No (2)

If YES, how was the deficiency diagnosed?

(please specify) .....

(B) (i) Do you treat for bloat?

- by Drenching Yes (1) No (2)
- by Pasture spraying/dusting? Yes (1) No (2)
- Other (specify) .....

(ii) Do you treat for staggers

- by Drenching Yes (1) No (2)
- by Pasture spraying/dusting? Yes (1) No (2)
- Other (specify) .....

(C) Do you regularly topdress with potash?

Yes (1) No (2)

If YES

(i) What area do you topdress with potash each year

(ii) At what rate per hectare do you apply potassic fertilizer? (kg/ha)

(iii) What percent of the fertilizer used is '15-30-50'?

(D) Do you use salt on your farm?

Yes (1) No (2)

IF YOU DO NOT USE SALT ON YOUR FARM THEN GO TO QUESTION (Q)

(E) What are your main sources for the following forms of salt

Agric. Merchant (1) Direct from manufacturer (2)  
Fertilizer Company (3) Other (4)

Fertilizer

Loose Salt

Loose Lick

Salt Blocks

(F) Is salt easy to obtain?

Yes (1) No (2)

If NO Please Specify.....

(G) If you have noticed any effects on stock health or production since using salt please specify

.....

(H) Do you use salt in the form of a loose lick?

Yes (1) No (2)

(I) Have you topdressed salt onto pasture?

As a constituent of fertilizer Yes (1) No (2)

Direct alone Yes (1) No (2)

If YES how often (specify) .....

(J) Do you use salt blocks on your farm?

Yes (1) No (2)

If NO go to question (Q)

(K) What brand of salt block do you currently use?   
Please specify.....

(L) Which formulation of salt block do you currently use?  
Copper Sheep (1)  
Copper Cattle (2)   
Magnesium (3)  
Multi-mineral (4)  
Other (specify).....(5)

(M) Why do you use this brand?  
Recommended to you (by whom.....) (1)  
Price (2)   
Your stock prefer them (3)  
Other(specify)..... (4)

(N) How many salt blocks do you purchase each year?

(O) Would you buy more salt blocks if:  
Yes (1) No (2)  
They were delivered onto your farm?   
Price was less?   
Other formulations were available?   
Please specify other formulations.....

(P) Compared to previous seasons how many blocks will you purchase this current season?   
More (1) Same (2) Less (3)

NOW GO TO QUESTION 8

(Q) If you do not use salt/salt blocks on your farm why not?   
(specify).....

(R) What would encourage you to buy salt/salt blocks?   
(specify).....

(S) What would encourage you to use salt as a topdressing?   
(specify).....

N.B. COMMON SALT AND SODIUM ARE THE SAME THING





10. FARMER OPINION

(1) PRODUCT EXPECTATIONS

(A) Even if you do not produce all of the following products, how do you feel about their FUTURE MARKET PROSPECTS in the short term (next year) medium term (1-3 years) and long term (3-10 years). (Please complete all boxes).

Optimistic (1) Reasonably satisfied (2) Pessimistic (3)

	Short	Medium	Long
Sheep Meat			
Beef			
Wool			
Dairy Produce			
Horticultural Produce			
Deer Industry Products			
Goat Industry Products			

(2) DIVERSIFICATION

(A) Are you currently intending to set aside some part of your farm for the development of activities other than the type of farming that you are presently involved in?

Yes (1) No (2)

If YES please specify.....


(3) HEALTH

(A) How do you rate your general health?

Excellent (1) Good (2) Average (3) Poor (4) Bad (5)

--

(B) In the last year, how many days work have you lost due to injury and/or ill health?

--

(C) To what extent do you consider you or any member(s) of your family suffer from STRESS as a result of your farming activities?

None (1) Slightly (2) Average (3) Considerable (4)

--

(D) Over the past two years how has the level of STRESS that you and your family suffer changed?

Increased (1) Remained the Same (2) Decreased (3)

--

(E) What is the major farming factor that causes you and/or your family STRESS?

Specify.....

--





(6) INFLATION EXPECTATIONS

(A) If you were asked to predict the rate of internal inflation in New Zealand in the next twelve months, what would you consider the most likely rate to be (as measured by the Consumer Price Index).

(7) HOLIDAYS

(A) How many days holiday have you had in the last twelve months (actually sleeping away from the farm)

(8) MARKET VALUE OF YOUR FARM

(A) Compared to December 1984 what do you think the market value of your farm will be in December 1985?

- Increased by greater than twenty five percent (1)
- Increased by between ten and twenty five percent (2)
- Increased by up to ten percent (3)
- Remained the same (4)
- Decreased by up to ten percent (5)
- Decreased by between ten and twenty five percent (6)
- Decreased by greater than twenty five percent (7)

11. TRACTORS

(A) What are the makes, models and HP of the tractor(s) you currently own?

MAKE.....MODEL.....HP.....

MAKE.....MODEL.....HP.....

MAKE.....MODEL.....HP.....

(B) Would you buy another tractor of the same brand as the one you currently own?

Yes (1) No (2)

If NO why not? (specify).....

(C) If you had to purchase a new tractor immediately which make and model would you select?

MAKE.....MODEL.....HP.....

(D) Why would you select this particular tractor?

(specify).....

(E) Do you intend purchasing a new tractor within this current season?

Yes (1) No (2) Not Sure (3)



(I) What brands of tractor do you recall - being advertised during the last two months?

Brand of tractor(specify).....

Brand of tractor(specify).....


(J) Which tractor advertisement appeals to you most?

Brand of tractor(specify).....

--

(K) How do you rate the parts service for your present tractors and for other tractor manufacturers?

Very Good (1) Good (2) Average (3)  
Bad (4) Very Bad (5)

Present tractors

Other Manufacturers


12. ADVICE AND SOURCE OF SUPPLY OF FARM INPUTS

(A) How much INFORMATION and ADVICE do you consider you need on the following items?

No advice (1) Little advice (2) Some advice (3)  
Considerable advice (4)

Soil fertility

Fertiliser application

Animal health

Chemicals

Farm finance

Other farm management decisions


(B) What are your main sources of INFORMATION and ADVICE for EACH of the following products and services?

Private Farm Advisors/Consultants (1) Accountants (2)  
Company Field Officers (3) MAF (4) Other Farmers (5)  
Stock and Station Companies (6) News Media (7)  
Other (8) None (9)

Soil Fertility

Fertiliser Application

Animal health

Chemicals

Farm finance

Other farm management decisions


(C) Which supplier is your MAJOR source for the following farm requirements?

- Stock and Station Company (1) Trading Society (2)
- Other Farmer Buying Groups (3)
- Direct from Supplier/Manufacturer (4) Other (5)

Fertiliser

Animal Health Products

Chemicals

Fencing

Light Machinery

Fuel

Hardware

Clothing and Footwear


13. FARM FORESTRY

FOREST TREES refers to the following exotic tree species: Radiata Pine and other pines grown for wood, Douglas Fir, Larch, eucalypts, macrocarpa, Lusitanica, black walnut, Tasmanian blackwood (Acacia melanoxylon) poplars and willows. A SHELTERBELT is a belt of forest trees not more than six rows wide. Wider shelterbelts and blocks of trees are classed as WOODLOTS. Both shelterbelts and woodlots may be pruned or unpruned and any grazing within their boundaries is of secondary importance only. AMENITY TREES occur as one or more trees on an area of less than 250 square metres (approx. 1/16 hectare). AGROFORESTRY is the integration of grazing with the growing of forest trees in a woodlot where pruning and wide spacing of the trees is designed to maximise the overall profit from the combined agricultural and forestry returns.

(A) Have you ever sold trees for their wood value from your farm?

- No (1)
- Yes, since January 1981 (2)
- Yes, prior to January 1981 (3)

(B) Are you likely to have wood that was grown on your farm for sale within the next two years?

- Yes (1) No (2) Don't Know (3)

(C) Have you established any shelterbelts or woodlots or do you practise agroforestry on your land?

- Yes (1) No (2)

Shelterbelts

Woodlots

Agroforestry




(G) How do you rate each of the following reasons for NOT PLANTING forest trees?

Very Important (1) Important (2) Neutral (3)  
Unimportant (4) Very Unimportant (5)

- Inadequate return on investment
- Lack information on growing trees
- Shelter belts insufficient
- Lack information on agroforestry management
- Already have or will have sufficient area in trees
- Expected revenues too far in the future
- Lack of finance
- Lack of suitably skilled labour
- Takes land out of agriculture or horticulture
- Restricted by district scheme
- Prefer present landscape and aesthetic benefits
- Other (please specify.....)


(H) How would you rate each of the following marketing methods in achieving the best price for wood grown on your farm

Very Effective (1) Effective (2) Neutral (3)  
Ineffective (4) Very Ineffective (5)

- By own investigation of market conditions to get best individual deal at time of next sale
- By public tender or auction
- By negotiation with most likely or regular buyer
- By accepting price offered by local mill
- Through an agency or consultant
- Through a farm forest owners cooperative
- By joint venture
- By some form of centralised log exchange
- Through use of a "futures" market in standing timber and/or logs
- Through a marketing board
- Other (please specify.....)



14. CAPITAL STRUCTURE AND INVESTMENT

(A) At the end of the 1984-85 season, how were your liabilities (including current account overdraft) distributed among the following sources. Please indicate the term for which each loan was granted and the CURRENT interest rate.

- i.e. Long Term (longer than 10 years) (1)
- Medium Term (3-10 years) (2)
- Short Term (up to 3 years) (3)

If you have no liabilities please tick

Lender	Amount	Term	Int.
1. Rural Banking and Finance Corp.			
2. Govt. Agency other than RBFC			
3. Trustee Savings Bank			
4. Your Trading Bank			
5. Building Society			
6. Insurance Company			
7. Stock and Station Agent			
8. Trust Company			
9. Solicitors' Trustee Funds			
10. Family loan			
11. Last Owner of Your Farm			
12. Local Body			
13. Finance Company			
14. Dairy Company			
15. Private Savings Bank			
16. Other (specify) _____			

(B) New Borrowings

Did you make any new borrowing (including overdraft and refinancing) during the 1984-85 production season.

Yes (1) No (2) Don't Know (3)

(C) If YES, what proportion of your new liabilities were used to refinance existing debt.

Proportion of New Borrowing (%)





(C) Which of the following types of course(s) have you attended (answer in the column headed (a)) and which are you, or your family/staff interested in attending within the next two years? (answer in the column headed (b))?

	(a)	(b)
Yes (1) No (2)		
Farming: General		
Farm Management		
Stock e.g. sheep, dairy, beef		
Goats/Deer		
Grasslands		
Cropping		
Horticulture		
Fertiliser Use Seminars		
Farm Forestry		
Finances		
Computing		
Practical Skills		
Personal Development		
Other (please specify).....		

16. PERSONAL

Now I would like to know a few details about the person answering this questionnaire.

(A) Age (in years)	
(B) Sex: Male (1) Female (2)	

You have now completed the questionnaire. Place it in the addressed envelope and post it (no stamp is required). We will then be able to process your answers along with the others to get the overall situation especially for the coming season. Your answers remain confidential to me.

Thank you for your co-operation.

*John Pryde*  
 John Pryde



RECENT PUBLICATIONS

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