

SURVEY OF NEW ZEALAND FARMER INTENTIONS,
EXPECTATIONS AND OPINIONS, APRIL-MAY, 1977

by

J. G. Pryde

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THE AGRICULTURAL ECONOMICS RESEARCH UNIT

Lincoln College, Canterbury, N.Z.

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K. B. Woodford, M.Agr.Sc.

Analyst/Programmer

M. S. Miller, B.Sc.

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I. BACKGROUND

1. INTRODUCTION

If effective policy making is to be achieved, a knowledge of likely happenings in the future is necessary. Surveys of decision makers' intentions can provide a direct source of forecasting information and contribute to greater forecasting accuracy. Also, if information can be gleaned on decision makers' opinions and expectations, policy making can take place in a more informed environment.

From information derived from surveys of farmers' intentions, expectations and opinions, marketers, transport operators, processors, shippers and others can assess the likely flows of produce from farms while suppliers of inputs can gauge more accurately likely demands for their goods and services. In addition, Government and other policy making groups can be better informed before they make important agricultural policy decisions. Finally, farmers operating in an atmosphere of atomistic competition will be better informed as to the intentions of their fellow farmers.

2. THE SAMPLE

It was with the above in mind that it was decided to carry out an intentions, expectations and opinions survey amongst New Zealand farmers in April-May 1977. A stratified random sample of just over 3,000 dairy, sheep-beef and cropping farmers was drawn from a 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 45 acres were eliminated and the total sample represented about 7 per cent of the estimated 45,000 full-time farmers throughout New Zealand.

3. RESPONSE RATE

Over 2,000 farmers responded to the mail questionnaire (a copy of which is attached as Appendix A) and, of these, 1,912 replies were accepted as satisfactorily completed as at the closing date for replies. It was decided that in view of the satisfactory distribution of the responses throughout the 13 Provincial Land Districts and the three farming types, a survey of the non-respondents would not be required.

4. ACCURACY OF RESULTS

The question is naturally asked as to the accuracy of the results of a survey of farmers' intentions. Obviously the forecast accuracy of intentions data will depend on the degree to which intended decisions are executed and on the use of satisfactory sampling procedures. Of the first condition, time alone will confirm the extent to which farmers' intentions are implemented. Of the second condition, data from the survey indicate that the sample was representative of the farming population from which it was drawn. For example, sample statistics on herd and flock size etc., correspond closely with established population parameters. Statistics on various characteristics of the sample are detailed in Appendix B.

- NOTES:
1. Due to rounding errors slight discrepancies may be found between tables reporting aggregated and disaggregated results.
 2. This report contains only some of the results of the survey. Readers wishing to pursue any particular subject should contact the author.

II. CONCLUSIONS

From an analysis of the responses to the questionnaire the main conclusions were as follows:-

1. INTENTIONS

A. Dairy Farmers.

(i) At the time of responding to the survey (April-May 1977), 40 per cent of dairy farmer respondents indicated a higher number of cows in calf, 45 per cent indicated the same number and only 15 per cent indicated less cows in calf than at the same time in 1976.

(ii) Of the respondents, 45 per cent indicated they intended having more cows in milk at the end of 1977 than at the end of 1976, 42 per cent intended having the same number and only 13 per cent intended having fewer. Fifty-two per cent of respondents under 40 years of age indicated their intention of having more cows in milk at the end of 1977 compared with the end of 1976; however only 43 per cent of respondents in the 40-50 year age group and 39 per cent of respondents over 50 years intended having more cows in milk by the end of 1977 compared with a year earlier.

B. Sheep-Beef Farmers.

(i) At the time the questionnaires were completed 53 per cent of sheep farmer respondents estimated they had more ewes in lamb, 35 per cent estimated the same number and only 12 per cent considered they had fewer ewes in lamb compared with the same time in 1976. There were differences from these overall estimates between Provincial Land Districts and Farm Classes.

(ii) Fifty-six per cent of respondents estimated they would have more breeding ewes at 30th June 1977 compared with 30th June 1976, 32 per cent the same number and only 13 per cent fewer.

(iii) While 26 per cent of respondents intended having more female beef cattle at mid-1977, 34 per cent indicated they intended having fewer and 40 per cent the same number, compared with mid-1976. Here again there were differences from the overall estimates between the various Provincial Land Districts and Farm Classes.

C. Cropping Farmers.

(i) Twenty-two per cent of farmer respondents intended growing a greater acreage of wheat in the 1977-78 season, 40 per cent the same acreage and 38 per cent intended having a lower wheat acreage compared with the 1976-77 season.

(ii) Of barley acreage, 34 per cent indicated their intention of planting more barley, 43 per cent the same acreage, and 23 per cent a lesser acreage compared with the 1976-77 season.

(iii) While responses indicated an overall intention to increase the acreages of some other crops (e.g. oats, maize), there were intentions to reduce others (e.g. potatoes) in the 1977-78 season compared with 1976-77.

D. Investment - All Farmers.

(i) In respect of new investment in 1977-78 a substantially greater number of respondents indicated their intention to increase their investment expenditure than did those who indicated an intention to reduce investment expenditure, as compared with the same type of expenditure in the 1976-77 season.

(ii) In respect of fertiliser, 29 per cent of respondents indicated an intention to purchase and spread more in the 1977-78 season, compared with the 1976-77 season, 61 per cent the same amount and only 10 per cent indicated an intention to purchase and spread less.

(iii) In respect of lime, 35 per cent of respondents indicated an intention to purchase and spread more in the 1977-78 season, 49 per cent the same amount and only 16 per cent indicated their intention to purchase and spread less, as compared with the 1976-77 season.

2. EXPECTATIONS

A. Dairy Farmers.

While 50 per cent of respondents were expecting higher prices for their milk in 1977-78, 44 per cent were expecting the same price and only 6 per cent a lower price, as compared with the prices paid in the 1976-77 season.

B. Sheep-Beef Farmers.

(i) Forty-five per cent of respondents were expecting a lower price for their lambs in 1977-78, 31 per cent the same price and 24 per cent a higher price, as compared with the 1976-77 season.

(ii) On the other hand, 52 per cent of respondents indicated they were expecting higher prices for their beef in the 1977-78 season, 32 per cent the same price and only 16 per cent were expecting a lower price, as compared with the 1976-77 season.

(iii) Regarding wool prices in the 1977-78 season, 45 per cent of respondents were expecting a lower auction price, 37 per cent the same price, and only 18 per cent indicated an expectation of a higher price in 1977-78, as compared with the 1976-77 season.

C. Cropping Farmers.

(i) In respect of prices for locally consumed crops, 69 per cent of respondents expected to receive higher prices, 29 per cent the same price and only 2 per cent lower prices in the 1977-78 season as compared with 1976-77.

(ii) Regarding crops grown for export, 47 per cent of respondents expected higher prices, 33 per cent the same price and 20 per cent lower prices in the 1977-78 season as compared with the 1976-77 season.

D. Farm Incomes.

Thirty-nine per cent of all respondents expected higher net incomes in the 1977-78 season, 23 per cent the same and 38 per cent a lower net income, compared with the 1976-77 season.

E. Rate of Inflation in New Zealand.

Farmer respondents predicted that the rate of internal inflation in the 1977-78 season would be just over 14 per cent, as compared with the actual rate of 15 per cent in 1976-77.

3. OPINIONS AND ATTITUDES

A. Dairy Farmers.

(i) Sixty-three per cent of dairy farmer respondents assessed the marketing effectiveness of the New Zealand Dairy Board as 'Fairly Effective', 21 per cent as 'Very Effective', and 13 per cent as 'So-So'. Only 2 per cent rated the Board as 'Not Very Effective' while only 1 per cent regarded it as 'Not Effective at all'.

(ii) Fifty per cent of dairy farmer respondents considered their own dairy company as 'Fairly Efficient', 27 per cent as 'Very Efficient' and 15 per cent as 'So-So', 5 per cent considered it 'Not Very Efficient' and 3 per cent rated it as 'Not Efficient at All'.

B. Sheep-Beef Farmers.

(i) Fifty-nine per cent of respondents rated the marketing operations of the New Zealand Meat Producers' Board as 'Fairly Effective', 8 per cent as 'Very Effective' and 24 per cent as 'So-So'; 8 per cent considered the Board's marketing operations as 'Not Very Effective' and only 1 per cent assessed them as 'Not Effective at all'.

(ii) Fifty-five per cent of respondents considered the marketing operations of the New Zealand Wool Marketing Corporation as 'Fairly Effective',

14 per cent as 'Very Effective' and 22 per cent as 'So-So'; 7 per cent assessed the Board's marketing operations as 'Not Very Effective' and 2 per cent considered them 'Not Effective at all'.

(iii) Eighty-eight per cent of respondents indicated their endorsement of the intervention by the New Zealand Meat Producers' Board in the United Kingdom Lamb Market (The Meatmark Operation).

C. Motivation of Farmers.

(i) From a supplied list of nine suggested aims of farming set out in the questionnaire, the highest ranking by 'All Farms' was accorded 'A job that offers a sense of fulfilment or satisfaction', but between the thirteen Provincial Land Districts and types of farms some differences in ranking showed up.

(ii) There were also differences in ranking of aims between farmers on different sized farms and between the different age groups.

(iii) There was almost unanimous agreement on a low ranking for the aims of 'A means of providing job opportunities for one's family', 'An opportunity for leisure' and 'A standing in the community'.

D. Livestock Incentive Scheme.

Responses indicated that by April/May 1977 almost 10 per cent of farmers had joined the Scheme. A list of reasons was given by respondents as to why they had not so far joined. If Government makes some amendments to the Scheme (e.g. making conditions more attractive to farmers), considerably more would join. (The 1977 Budget has since announced some modifications to ease the entry requirements.)

E. Obstacles to Output Expansion.

(i) Most farmers considered the most important single factor limiting an expansion of output was either inflation or a scarcity of capital.

(ii) Between Provincial Land Districts there were some differences in emphasis. For example, in Southland by far the most important single obstacle was considered to be the freezing industry's industrial problems.

F. Use of Farm Advisory Services in New Zealand.

(i) Of the five main types of advisory service available to all farmers in New Zealand, the most used is that provided by the Ministry of Agriculture and Fisheries (M.A.F.).

(ii) Approximately one quarter of all farmers did not use advisory services.

(iii) Three-quarters of dairy farmer respondents said they used the M.A.F. services, while 46 per cent of them used the service provided by the New Zealand Dairy Board.

(iv) Sixty-seven per cent of sheep and beef farmers and 69 per cent of cropping farmers used the M.A.F. services.

(v) Farmers under 40 years of age used advisory services more than those in either the '40-50' age group or those 'over 50 years'.

I. INTENTIONS

A. Dairy Farmers.

TABLE 1

Expected Change in Cows in Milk at End 1977 (Compared to End 1976)
- By Provincial Land District and Overall.

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	112	5	41	40	10	5
2. Central Auckland	27	4	22	63	11	0
3. Sth Auckland- Bay of Plenty	320	5	38	45	10	3
4. East Coast, N. Island	3	0	33	67	0	0
5. Hawkes Bay	17	0	53	41	6	0
6. Taranaki	114	5	47	35	11	1
7. Wellington	64	5	38	45	11	2
South Island						
8. Marlborough	5	0	40	60	0	0
9. Nelson	15	20	27	53	0	0
10. Westland	10	10	50	20	20	0
11. Canterbury	21	0	38	43	14	5
12. Otago	14	0	57	21	14	7
13. Southland	<u>11</u>	18	46	9	18	9
New Zealand	<u>733</u>	—	—	—	—	—
Average		<u>5</u>	<u>40</u>	<u>42</u>	<u>10</u>	<u>3</u>

TABLE 2

Expected Change in Cows in Milk at End 1977 (Compared to End 1976)
by Size of Herd *

	No. of Valid Observ- ations	Small %	Medium %	Large %	Mean %
Substantially More	38	5	5	7	5
Slightly More	281	39	43	36	40
Same	296	40	41	45	42
Slightly Less	71	12	10	9	10
Substantially Less	<u>18</u>	4	1	3	3
	<u>704</u>	—	—	—	—
		<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>

*Size - defined as:- 'Small' Under 90 cows, 'Medium' 90-130 cows,
'Large' Over 130 cows.

TABLE 3

Expected Change in Cows in Milk at End 1977 (Compared to End 1976)
by Age of Farmer

	No. of Valid Observ- ations	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
Substantially More	36	8	3	3
Slightly More	286	44	40	36
Same	295	38	44	46
Slightly Less	69	8	11	11
Substantially Less	<u>18</u>	2	2	4
	<u>704</u>	—	—	—
		<u>100</u>	<u>100</u>	<u>100</u>

TABLE 4

Expected Change in 'Cows in Calf' Compared with Same Time last year
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	111	5	39	39	15	2
2. Central Auckland	27	4	26	63	7	0
3. Sth Auckland- Bay of Plenty	319	5	33	47	13	2
4. East Coast, N. Island	3	0	0	67	33	0
5. Hawkes Bay	19	11	47	32	11	0
6. Taranaki	113	4	35	46	14	1
7. Wellington	62	7	34	40	15	5
South Island						
8. Marlborough	5	0	80	0	20	0
9. Nelson	15	13	13	67	7	0
10. Westland	10	10	40	20	30	0
11. Canterbury	21	10	24	52	10	5
12. Otago	14	7	50	29	7	7
13. Southland	<u>10</u>	10	50	30	10	0
	<u>729</u>	—	—	—	—	—
New Zealand Average		<u>6</u>	<u>34</u>	<u>45</u>	<u>13</u>	<u>2</u>

TABLE 5

Expected Change in 'Cows in Calf' Compared with a Year Ago
- By Size of Herd

	No. of Valid Observ- ations	Small	Medium	Large
		%	%	%
Substantially More	38	6	4	7
Slightly More	242	30	35	38
Same	311	46	44	43
Slightly Less	93	15	14	11
Substantially Less	<u>15</u>	3	3	1
	<u>699</u>	<u> </u>	<u> </u>	<u> </u>
		100	100	100

TABLE 6

Expected Changes in 'Cows in Calf' Compared with a Year Ago
- by Age of Farmer

	No. of Valid Observ- ations	Under 40 yrs	40-50 yrs	Over 50 yrs
		%	%	%
Substantially More	39	8	3	5
Slightly More	243	38	36	29
Same	310	39	45	50
Slightly Less	93	13	13	14
Substantially Less	<u>15</u>	2	3	2
	<u>700</u>	<u> </u>	<u> </u>	<u> </u>
		100	100	100

B. Sheep-Beef Farmers.

TABLE 7

Expected Breeding Ewe Numbers at 30th June 1977 Compared with Mid 1976
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	47	19	26	38	11	6
2. Central Auckland	12	25	50	25	0	0
3. Sth Auckland- Bay of Plenty	131	17	48	24	9	2
4. East Coast, N. Island	31	13	55	23	10	0
5. Hawkes Bay	96	7	54	29	9	0
6. Taranaki	42	17	29	38	14	2
7. Wellington	125	10	47	27	15	1
South Island						
8. Marlborough	24	21	50	29	0	0
9. Nelson	30	27	33	30	10	0
10. Westland	6	17	50	33	0	0
11. Canterbury	223	6	46	36	10	2
12. Otago	129	9	50	31	9	1
13. Southland	<u>156</u>	5	35	39	18	3
	<u>1052</u>					
New Zealand Average		<u>11</u>	<u>45</u>	<u>32</u>	<u>11</u>	<u>2</u>

TABLE 8

Expected Breeding Ewe Numbers at 30th June 1977 Compared with Mid 1976
- by Farm Classification

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %	
High Country	18	0	61	28	11	0	100
Hill Country	310	13	46	31	10	0	100
Hard Hill Country	70	14	47	27	12	0	100
Intensive Fattening	65	9	34	43	12	2	100
Fattening-Breeding	422	10	45	31	11	3	100
Mixed Cropping	<u>153</u>	6	43	34	14	3	100
	<u>1038</u>						

TABLE 9

Estimate of Ewes in Lamb, Compared with a Year Ago

	%
Substantially More	10
Slightly More	43
Same	35
Slightly Less	10
Substantially Less	<u>2</u>
	<u>100</u>

TABLE 10

Estimate of Ewes in Lamb Compared with a Year Ago
- by Provincial Land District

	No. of Valid Observ- ations	Substant- ially More	Slightly More	Same	Slightly Less	Substant- ially Less
		%	%	%	%	%
North Island						
1. Northland	48	23	31	33	9	4
2. Central Auckland	13	23	38	31	0	8
3. Sth Auckland- Bay of Plenty	129	12	46	32	8	2
4. East Coast, N. Island	31	13	45	35	7	0
5. Hawkes Bay	95	9	46	37	8	0
6. Taranaki	42	19	24	43	9	5
7. Wellington	123	8	47	31	13	1
South Island						
8. Marlborough	25	12	60	24	4	0
9. Nelson	30	27	40	23	10	0
0. Westland	6	16	50	17	17	0
1. Canterbury	221	7	45	37	9	2
2. Otago	129	11	48	32	8	1
3. Southland	<u>154</u>	3	37	38	17	5
	<u>1026</u>	—	—	—	—	—
New Zealand Average		10	43	34	10	2

TABLE 11

Estimate of Ewes in Lamb, Compared with a Year Ago
- By Farm Classification

	No. of Valid Observ- ations	Substant- ially More	Slightly More	Same	Slightly Less	Substant- ially Less
		%	%	%	%	%
High Country	16	0	50	37	13	0
Hill Country	307	14	42	37	7	0
Hard Hill Country	70	13	46	30	11	0
Intensive Fattening	65	8	34	41	14	3
Fattening-Breeding	420	10	44	32	11	3
Mixed Cropping	<u>148</u>	5	44	36	11	4
	<u>1026</u>	—	—	—	—	—
Overall Average		10	43	35	10	2

TABLE 12

Expected Change in Female Beef Cattle Numbers in Mid 1977
Compared with Mid 1976 - by Provincial Land District

	No. of Valid Observ- ations	Substant- ially More	Slightly More	Same	Slightly Less	Substant- ially Less
		%	%	%	%	%
North Island						
1. Northland	86	7	29	37	18	9
2. Central Auckland	16	13	37	31	6	13
3. Sth Auckland- Bay of Plenty	128	6	23	34	20	17
4. East Coast, N. Island	30	10	27	43	20	0
5. Hawkes Bay	70	4	21	47	19	9
6. Taranaki	41	5	19	51	15	10
7. Wellington	91	8	25	43	15	9
South Island						
8. Marlborough	19	11	5	47	37	0
9. Nelson	26	0	19	31	39	11
10. Westland	8	0	25	13	37	25
11. Canterbury	112	3	15	41	26	15
12. Otago	69	6	12	33	30	19
13. Southland	<u>67</u>	3	16	49	21	11
New Zealand Average	<u>763</u>	— 5	— 21	— 40	— 22	— 12

TABLE 13

Expected Change in Female Beef Cattle Numbers in Mid 1977
Compared with Mid 1976 - by Farm Classification

	No. of Valid Observ- ations	Substant- ially More	Slightly More	Same	Slightly Less	Substant- ially Less
		%	%	%	%	%
High Country	17	0	12	53	23	12
Hill Country	269	4	25	39	21	11
Hard Hill Country	69	6	23	39	23	9
Intensive Fattening	33	3	9	64	18	6
Fattening-Breeding	298	8	19	36	25	12
Mixed Cropping	<u>59</u>	4	22	44	10	20
New Zealand Average	<u>745</u>	— 5	— 21	— 40	— 22	— 12

C. Cropping Farmers.

TABLE 14

Intended Wheat Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	5
Slightly More	17
Same	40
Slightly Less	22
Substantially Less	<u>16</u>
	100
(155 Valid Observations).	<hr/>

TABLE 15

Intended Oats Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	8
Slightly More	25
Same	45
Slightly Less	8
Substantially Less	<u>14</u>
	100
(49 Valid Observations).	<hr/>

TABLE 16

Intended Barley Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	10
Slightly More	24
Same	43
Slightly Less	15
Substantially Less	<u>8</u>
	100
(148 Valid Observations).	<hr/>

TABLE 17

Intended Maize Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	8
Slightly More	19
Same	63
Slightly Less	0
Substantially Less	<u>10</u>
(48 Valid Observations).	<u>100</u>

TABLE 18

Intended Potato Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	0
Slightly More	7
Same	64
Slightly Less	7
Substantially Less	<u>22</u>
(14 Valid Observations).	<u>100</u>

TABLE 19

Intended Processed Crop Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	8
Slightly More	21
Same	48
Slightly Less	15
Substantially Less	<u>8</u>
(48 Valid Observations).	<u>100</u>

TABLE 20

Intended Grass Seed Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	7
Slightly More	23
Same	37
Slightly Less	17
Substantially Less	<u>16</u>
(70 Valid Observations).	<u>100</u>

TABLE 21

Intended Clover Seed Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	10
Slightly More	22
Same	43
Slightly Less	7
Substantially Less	<u>18</u>
(60 Valid Observations).	<u>100</u>

TABLE 22

Intended 'Other Crops' Acreage in 1977-78 Season
Compared with 1976-77

	%
Substantially More	9
Slightly More	17
Same	52
Slightly Less	15
Substantially Less	<u>7</u>
(46 Valid Observations).	<u>100</u>

D. Investment - All Farmers.

TABLE 23

Intended Capital Expenditure on Seeding or Re-Seeding of Virgin or Developed Pastures etc., in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall.

	No. of Valid Observ- ations	Substant- ially Higher	Slightly Higher	Same	Slightly Lower	Substant- ially Lower
		%	%	%	%	%
North Island						
1. Northland	50	21	38	25	9	7
2. Central Auckland	21	14	29	47	5	5
3. Sth Auckland- Bay of Plenty	288	19	29	38	7	7
4. East Coast, N. Island	20	25	15	60	0	0
5. Hawkes Bay	51	20	29	31	6	14
6. Taranaki	65	22	42	32	3	1
7. Wellington	115	13	32	37	11	7
South Island						
8. Marlborough	20	25	15	55	0	5
9. Nelson	34	27	35	26	9	3
10. Westland	16	25	44	19	6	6
11. Canterbury	169	14	35	44	5	2
12. Otago	102	13	37	38	9	3
13. Southland	<u>107</u>	22	34	33	5	6
New Zealand	<u>1088</u>	—	—	—	—	—
Average		<u>18</u>	<u>33</u>	<u>37</u>	<u>7</u>	<u>5</u>

TABLE 24

Intended Capital Expenditure on New Lucerne Planting in 1977-78
Compared with 1976-77 - by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	6	50	17	33	0	0
2. Central Auckland	-	-	-	-	-	-
3. Sth Auckland- Bay of Plenty	42	31	36	19	5	9
4. East Coast, N. Island	-	-	-	-	-	-
5. Hawkes Bay	3	33	0	33	0	34
6. Taranaki	1	100	0	0	0	0
7. Wellington	3	0	0	0	0	100
South Island						
8. Marlborough	12	17	50	17	8	8
9. Nelson	6	17	66	17	0	0
10. Westland	-	-	-	-	-	-
11. Canterbury	99	14	42	28	4	12
12. Otago	39	28	23	21	10	18
13. Southland	<u>15</u>	27	53	13	0	7
	<u>226</u>	—	—	—	—	—
New Zealand Average		22	37	23	5	13

TABLE 25

Intended Capital Expenditure on New Planting of Plantation Trees
in 1977-78 Compared with 1976-77 - by Provincial Land District

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	23	26	35	31	4	4
2. Central Auckland	4	25	50	25	0	0
3. Sth Auckland- Bay of Plenty	38	26	24	37	0	13
4. East Coast, N. Island	1	100	0	0	0	0
5. Hawkes Bay	24	30	33	33	0	4
6. Taranaki	15	20	33	33	7	7
7. Wellington	33	15	27	46	6	6
South Island						
8. Marlborough	9	33	11	56	0	0
9. Nelson	10	20	50	10	0	20
10. Westland	1	100	0	0	0	0
11. Canterbury	66	14	38	21	6	6
12. Otago	30	10	33	47	8	10
13. Southland	<u>31</u>	19	22	49	12	13
	<u>285</u>	—	—	—	—	—
New Zealand Average		<u>20</u>	<u>31</u>	<u>36</u>	<u>5</u>	<u>8</u>

TABLE 26

Intended Capital Expenditure on Irrigation/Drainage Work and
Construction of Landing Strips in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	59	15	20	48	7	10
2. Central Auckland	10	0	50	50	0	0
3. Sth Auckland- Bay of Plenty	161	18	26	35	10	11
4. East Coast, N. Island	4	25	25	25	0	25
5. Hawkes Bay	38	21	32	29	5	13
6. Taranaki	45	24	33	27	11	5
7. Wellington	62	19	39	34	3	5
South Island						
8. Marlborough	8	25	13	37	0	25
9. Nelson	17	24	35	35	0	6
10. Westland	7	15	57	14	14	0
11. Canterbury	70	33	23	21	6	17
12. Otago	51	14	16	47	8	15
13. Southland	<u>79</u>	11	23	49	12	5
	<u>611</u>	—	—	—	—	—
New Zealand Average		19	27	36	8	10

TABLE 27

Intended Capital Expenditure on Access Roads and Fertiliser Storage
Facilities in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	90	24	23	41	6	6
2. Central Auckland	14	7	50	29	0	14
3. Sth Auckland- Bay of Plenty	204	22	25	34	6	13
4. East Coast, N. Island	15	13	20	53	0	14
5. Hawkes Bay	47	15	40	26	6	13
6. Taranaki	49	27	20	41	6	6
7. Wellington	78	13	30	41	3	13
South Island						
8. Marlborough	16	0	25	50	6	19
9. Nelson	24	29	34	29	8	0
10. Westland	9	22	34	33	0	11
11. Canterbury	68	32	27	28	7	6
12. Otago	65	31	20	29	8	12
13. Southland	<u>40</u>	35	27	30	0	8
	<u>719</u>	—	—	—	—	—
New Zealand Average		<u>23</u>	<u>27</u>	<u>35</u>	<u>5</u>	<u>10</u>

TABLE 28

Intended Capital Expenditure on Increased Water Reticulation Facilities
in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	100	16	29	44	4	7
2. Central Auckland	24	13	33	33	4	17
3. Sth Auckland- Bay of Plenty	288	19	31	28	7	15
4. East Coast, N. Island	13	8	38	38	8	8
5. Hawkes Bay	45	29	40	16	4	11
6. Taranaki	76	17	26	40	5	12
7. Wellington	83	22	37	30	5	6
South Island						
8. Marlborough	16	25	37	19	6	13
9. Nelson	24	17	42	21	12	8
10. Westland	6	33	50	0	0	17
11. Canterbury	95	19	39	23	3	16
12. Otago	61	28	33	21	0	18
13. Southland	<u>62</u>	21	21	45	3	10
	<u>893</u>	—	—	—	—	—
New Zealand Average		20	33	30	5	12

TABLE 29

Intended Capital Expenditure on Purchase and Erection of New and Replacement Fencing in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	160	25	33	31	6	5
2. Central Auckland	39	26	23	36	5	10
3. Sth Auckland- Bay of Plenty	438	19	30	38	7	6
4. East Coast, N. Island	36	20	33	39	8	0
5. Hawkes Bay	101	19	30	40	9	2
6. Taranaki	128	24	27	41	4	4
7. Wellington	174	22	27	40	6	5
South Island						
8. Marlborough	30	10	47	37	3	3
9. Nelson	41	24	27	42	7	0
10. Westland	16	38	38	19	0	6
11. Canterbury	244	27	29	37	3	4
12. Otago	128	24	31	29	9	7
13. Southland	148	27	24	32	10	7
	<u>1683</u>	—	—	—	—	—
New Zealand Average		<u>23</u>	<u>29</u>	<u>37</u>	<u>6</u>	<u>5</u>

TABLE 30

Intended Capital Expenditure on Alterations and Additions to
Farm Buildings in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	108	21	26	33	8	12
2. Central Auckland	23	26	17	39	9	9
3. Sth Auckland- Bay of Plenty	305	24	20	28	4	14
4. East Coast, N. Island	18	17	22	55	0	6
5. Hawkes Bay	65	20	21	29	11	19
6. Taranaki	96	25	22	28	13	12
7. Wellington	118	24	28	27	8	13
South Island						
8. Marlborough	20	15	25	30	5	25
9. Nelson	27	22	30	34	7	7
10. Westland	13	8	38	31	0	23
11. Canterbury	178	25	29	26	10	10
12. Otago	87	24	17	29	10	20
13. Southland	<u>92</u>	29	21	25	9	16
	1150	—	—	—	—	—
New Zealand Average		<u>24</u>	<u>23</u>	<u>32</u>	<u>8</u>	<u>13</u>

TABLE 31

Intended Capital Expenditure on Erection of New Farm Buildings
in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	53	45	15	19	6	15
2. Central Auckland	13	15	15	15	0	15
3. Sth Auckland- Bay of Plenty	136	35	15	21	2	27
4. East Coast, N. Island	12	33	17	17	8	25
5. Hawkes Bay	34	26	21	21	0	32
6. Taranaki	44	34	16	27	5	18
7. Wellington	56	52	13	9	5	21
South Island						
8. Marlborough	13	23	39	0	0	38
9. Nelson	17	53	12	6	0	29
10. Westland	6	17	49	17	0	17
11. Canterbury	101	41	16	18	6	19
12. Otago	52	42	14	19	4	21
13. Southland	<u>62</u>	52	14	11	2	21
	<u>599</u>	—	—	—	—	—
New Zealand Average		<u>40</u>	<u>16</u>	<u>17</u>	<u>4</u>	<u>23</u>

TABLE 32

Intended Capital Expenditure on Erection of Hay Barns, Silos or
Other Feed Storage Facility in 1977-78 Compared with 1976-77
- by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	41	32	17	32	5	14
2. Central Auckland	13	23	23	15	0	39
3. Sth Auckland- Bay of Plenty	129	28	25	22	2	23
4. East Coast, N. Island	3	67	0	33	0	0
5. Hawkes Bay	23	17	26	26	9	22
6. Taranaki	40	27	30	20	3	20
7. Wellington	29	38	14	24	3	21
South Island						
8. Marlborough	10	20	10	30	0	40
9. Nelson	8	25	25	13	0	37
10. Westland	5	0	20	20	0	60
11. Canterbury	108	28	20	20	6	26
12. Otago	47	30	23	17	4	26
13. Southland	<u>55</u>	40	20	14	4	22
	<u>511</u>	—	—	—	—	—
New Zealand Average		<u>29</u>	<u>22</u>	<u>21</u>	<u>4</u>	<u>24</u>

E. Fertiliser and Lime.

TABLE 33

Intentions on Amount of Fertiliser to be Purchased and Spread
in 1977-78 Compared with 1976-77

	%
Substantially Greater	6
Slightly Greater	23
Same	61
Slightly Less	7
Substantially Less	<u>3</u>
(1849 Valid Observations).	<u>100</u>

TABLE 34 *

Intentions on Amount of Fertiliser to be Purchased and Spread in 1977-78
Compared with 1976-77 - by Provincial Land District and Overall

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	55	9	22	60	9	0
2. Central Auckland	12	0	42	58	0	0
3. Sth Auckland- Bay of Plenty	196	5	20	64	9	2
4. East Coast, N. Island	11	9	27	64	0	0
5. Hawkes Bay	47	4	21	64	9	2
6. Taranaki	63	3	22	60	13	2
7. Wellington	58	0	21	66	8	5
South Island						
8. Marlborough	11	9	36	46	9	0
9. Nelson	15	13	27	60	0	0
10. Westland	4	50	25	25	0	0
11. Canterbury	97	2	29	63	4	2
12. Otago	66	9	33	53	3	2
13. Southland	<u>70</u>	6	14	70	10	0
	<u>705</u>					
New Zealand Average		<u>5</u>	<u>23</u>	<u>62</u>	<u>8</u>	<u>2</u>

* Constructed when approximately one-third of responses
had been received.

TABLE 35 *

Intentions on Amount of Fertiliser to be Purchased and Spread in
1977-78 Compared with 1976-77 - by Type of Farm

	Dairy	Sheep-Beef	Cropping
	%	%	%
Substantially More	3	6	0
Slightly More	24	22	43
Same	61	62	57
Slightly Less	9	8	0
Substantially Less	<u>3</u>	<u>2</u>	<u>0</u>
(654 Valid Observations).	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 36

Intentions on Amount of Lime to be Purchased and Spread
in 1977-78 Compared with 1976-77

	%
Substantially Greater	13
Slightly Greater	22
Same	49
Slightly Less	8
Substantially Less	<u>8</u>
(1387 Valid Observations).	<u>100</u>

* Constructed when approximately one-third of responses had been received.

TABLE 37 *

Intentions on Amount of Lime to be Purchased and Spread in
1977-78 Compared with 1976-77 - by Provincial District

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	46	9	6	59	11	15
2. Central Auckland	11	18	9	64	9	0
3. Sth Auckland- Bay of Plenty	147	12	21	51	8	8
4. East Coast, N. Island	1	0	0	100	0	0
5. Hawkes Bay	33	18	18	58	3	3
6. Taranaki	30	10	24	53	10	3
7. Wellington	43	11	14	42	19	14
South Island						
8. Marlborough	7	14	43	14	29	0
9. Nelson	14	14	36	50	0	0
10. Westland	4	50	0	25	0	25
11. Canterbury	86	10	19	53	8	10
12. Otago	47	11	22	51	10	6
13. Southland	66	14	7	72	7	0
	<u>489</u>	—	—	—	—	—
New Zealand Average		<u>11</u>	<u>20</u>	<u>53</u>	<u>9</u>	<u>7</u>

TABLE 38 *

Intentions on Amount of Lime to be Purchased and Spread in
1977-78 Compared with 1976-77 - by Type of Farm

	No. of Valid Observ- ations	Dairy %	Sheep-Beef %	Cropping %
Substantially More	53	10	11	14
Slightly More	100	19	22	7
Same	256	53	51	72
Slightly Less	46	8	10	7
Substantially Less	34	10	6	0
	<u>489</u>	—	—	—
		<u>100</u>	<u>100</u>	<u>100</u>

* Constructed when approximately one-third of responses had been received.

F. Agricultural Chemicals and Animal Remedies.

TABLE 39

Intended Purchases of Agricultural Chemicals in 1977-78
Compared with 1976-77

	%
Substantially Greater	5
Slightly Greater	17
Same	65
Slightly Less	10
Substantially Less	<u>3</u>
	100
(1794 Valid Observations).	<u> </u>

TABLE 40 *

Intended Purchases of Agricultural Chemicals in 1977-78
Compared with 1976-77 - by Provincial Land District

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	55	0	11	71	16	2
2. Central Auckland	12	0	17	58	25	0
3. Sth Auckland- Bay of Plenty	193	6	13	68	9	4
4. East Coast, N. Island	9	11	22	67	0	0
5. Hawkes Bay	44	0	20	64	9	7
6. Taranaki	62	0	15	61	21	3
7. Wellington	56	4	7	77	12	0
South Island						
8. Marlborough	11	9	27	55	9	0
9. Nelson	16	6	6	75	13	0
10. Westland	4	0	25	50	25	0
11. Canterbury	98	7	17	67	5	4
12. Otago	62	5	21	61	8	5
13. Southland	<u>66</u>	4	20	65	11	0
	<u>688</u>	—	—	—	—	—
Overall Average		<u>4</u>	<u>15</u>	<u>67</u>	<u>11</u>	<u>3</u>

* Constructed when approximately one-third of responses
had been received.

TABLE 41 *

Intended Purchases of Agricultural Chemicals in 1977-78
Compared with 1976-77 - by Type of Farm

	No. of Valid Observ- ations	Dairy %	Sheep- Beef %	Cropping %
Substantially More	25	3	5	7
Slightly More	98	14	16	14
Same	421	70	63	72
Slightly Less	73	11	12	0
Substantially Less	<u>21</u>	2	4	7
	<u>638</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 42

Intended Purchases of Animal Remedies in 1977-78
Compared with 1976-77

	%
Substantially Greater	2
Slightly Greater	14
Same	76
Slightly Less	6
Substantially Less	<u>2</u>
	<u>100</u>

(1672 Valid Observations).

* Constructed when approximately one-third of responses had been received.

TABLE 43 *

Intended Purchases of Animal Remedies in 1977-78
Compared with 1976-77 - by Provincial Land District

	No. of Valid Observ- ations	Substant- ially More %	Slightly More %	Same %	Slightly Less %	Substant- ially Less %
North Island						
1. Northland	48	0	11	81	4	4
2. Central Auckland	11	0	9	82	9	0
3. Sth Auckland- Bay of Plenty	175	2	13	78	4	3
4. East Coast, N. Island	7	14	0	86	0	0
5. Hawkes Bay	45	0	18	76	4	2
6. Taranaki	60	0	12	76	10	2
7. Wellington	54	2	13	81	2	2
South Island						
8. Marlborough	11	0	36	64	0	0
9. Nelson	15	0	20	73	7	0
10. Westland	4	0	0	100	0	0
11. Canterbury	93	2	15	74	6	3
12. Otago	58	3	12	78	5	2
13. Southland	<u>69</u>	1	13	77	9	0
	<u>650</u>	—	—	—	—	—
Overall Average		2	13	78	5	2

TABLE 44 *

Intended Purchases of Animal Remedies in 1977-78
Compared with 1976-77 - by Type of Farm

	No. of Valid Observ- ations	Dairy %	Sheep-Beef %	Cropping %
Substantially More	9	2	2	0
Slightly More	81	10	15	18
Same	469	79	76	82
Slightly Less	32	6	5	0
Substantially Less	<u>14</u>	3	2	0
	<u>605</u>	—	—	—
		<u>100</u>	<u>100</u>	<u>100</u>

* Constructed when approximately one third of responses had been received.

G. Employment of Staff.

TABLE 45

Intentions Regarding Employment of Permanent Farm Staff
in 1977-78 Compared with 1976-77

	%
More	8
Same	86
Less	<u>6</u>
	<u>100</u>

(915 Valid Observations).

TABLE 46

Intentions Regarding Employment of Casual Farm Staff
in 1977-78 Compared with 1976-77

	%
More	10
Same	80
Less	<u>10</u>
	<u>100</u>

(1166 Valid Observations).

2. EXPECTATIONS

A. Dairy Farmers.

TABLE 47

Expected Milk Payout Price in 1977-78 Season
Compared with 1976-77

	%
Higher	50
Same	44
Lower	<u>6</u>
(705 Valid Observations).	<u>100</u>

B. Sheep-Beef Farmers.

TABLE 48

Expected Change in Lamb Prices in 1977-78
Compared with 1976-77 Season

	%
Substantially Higher	1
Slightly Higher	23
Same	31
Slightly Lower	41
Substantially Lower	<u>4</u>
(1061 Valid Observations).	<u>100</u>

TABLE 49

Expected Change in Lamb Prices in 1977-78 Compared with 1976-77 Season
- by Farm Classification

	No. of Valid Observ- ations	Substant- ially Higher %	Slightly Higher %	Same %	Slightly Lower %	Substant- ially Lower %
High Country	17	0	24	18	53	6
Hill Country	309	1	25	33	40	2
Hard Hill Country	70	1	26	41	30	1
Intensive Fattening	67	0	21	33	43	3
Fattening-Breeding	417	1	22	31	43	4
Mixed Cropping	<u>156</u>	3	22	28	38	9
	<u>1036</u>	—	—	—	—	—
Overall Average		1	23	32	40	4

TABLE 50

Expected Change in Lamb Prices in 1977-78 Compared with 1976-77 Season
- By Age of Farmer

	No. of Valid Observ- ations	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
Substantially Higher	14	1	1	2
Slightly Higher	237	25	21	22
Same	323	32	31	31
Slightly Lower	414	38	43	41
Substantially Lower	<u>40</u>	4	4	4
	<u>1028</u>			
		<u>100</u>	<u>100</u>	<u>100</u>

TABLE 51

Expected Change in Beef Prices in 1977-78
Compared with 1976-77 Season

	%
Substantially Higher	6
Slightly Higher	46
Same	32
Slightly Lower	14
Substantially Lower	<u>2</u>
	<u>100</u>

(857 Valid Observations).

TABLE 52

Expected Change in Beef Prices in 1977-78
Compared with 1976-77 Season - by Farm Classification

	No. of Valid Observ- ations	Substant- ially Higher %	Slightly Higher %	Same %	Slightly Lower %	Substant- ially Lower %
High Country	19	5	37	42	11	5
Hill Country	325	7	42	35	14	2
Hard Hill Country	75	7	40	30	20	3
Intensive Fattening	81	4	48	33	15	0
Fattening-Breeding	399	5	49	30	14	2
Mixed Cropping	<u>119</u>	8	45	35	11	1
	<u>1018</u>	—	—	—	—	—
Overall Average		<u>6</u>	<u>46</u>	<u>33</u>	<u>14</u>	<u>1</u>

TABLE 53

Expectations re 1977-78 Wool Auction Prices
Compared with 1976-77

	%
Substantially Higher	1
Slightly Higher	17
Same	37
Slightly Lower	39
Substantially Lower	<u>6</u>
	<u>100</u>

(1080 Valid Observations).

TABLE 54

Expectations re 1977-78 Wool Auction Prices
Compared with 1976-77 - by Age of Farmer

	No. of Valid Observations	Age of Farmer		
		Under 40 yrs	40-50 yrs	Over 50 yrs
		%	%	%
Substantially Higher	15	2	1	2
Slightly Higher	172	21	15	13
Same	392	35	43	36
Slightly Lower	411	37	35	44
Substantially Lower	57	5	6	5
	<u>1047</u>			
		<u>100</u>	<u>100</u>	<u>100</u>

TABLE 55

Expectations re 1977-78 Wool Auction Prices
Compared with 1976-77 - by Farm Classification

	No. of Valid Observations	Expectations				
		Substant- ially Higher	Slightly Higher	Same	Slightly Lower	Substant- ially Lower
		%	%	%	%	%
High Country	17	0	6	47	47	0
Hill Country	314	1	18	38	38	5
Hard Hill Country	72	0	14	43	33	10
Intensive Fattening	74	3	14	32	48	3
Fattening-Breeding	421	2	15	38	39	6
Mixed Cropping	<u>157</u>	1	22	32	39	6
	<u>1055</u>	—	—	—	—	—
Overall Average		<u>1</u>	<u>17</u>	<u>37</u>	<u>39</u>	<u>6</u>

C. Cropping Farmers.

TABLE 56

Price Expectations for Locally Consumed Crops in 1977-78
Compared with 1976-77

	%
Substantially Higher	6
Slightly Higher	63
Same	29
Slightly Lower	2
Substantially Lower	<u>0</u>
	<u>100</u>

(234 Valid Observations).

TABLE 57

Price Expectations for Crops to be Exported in 1977-78 Season
Compared with 1976-77

	%
Substantially Higher	2
Slightly Higher	45
Same	33
Slightly Lower	15
Substantially Lower	<u>5</u>
	<u>100</u>

(150 Valid Observations).

D. Farm Incomes.

TABLE 58

Expected Net Income in 1977-78 Compared with 1976-77

	No. of Valid Observations	%
Substantially Higher	122	7
Slightly Higher	604	32
Same	429	23
Slightly Lower	584	31
Substantially Lower	<u>125</u>	<u>7</u>
	<u>1864</u>	<u>100</u>

TABLE 59

Expected Net Income in 1977-78 Compared with 1976-77
- by Age of Farmer

	No. of Valid Observations	Age Group		
		Under 40 yrs %	40-50 yrs %	Over 50 yrs %
Substantially Higher	118	8	6	5
Slightly Higher	587	40	28	28
Same	419	21	25	25
Slightly Lower	566	26	33	35
Substantially Lower	<u>119</u>	<u>5</u>	<u>8</u>	<u>7</u>
	<u>1809</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 60

Expected Net Income in 1977-78 Compared with 1976-77
- by Type of Farm

	No. of Valid Observations	Type of Farm		
		Dairy %	Sheep- Beef %	Cropping %
Substantially More	114	5	8	2
Slightly More	551	36	29	36
Same	390	27	20	32
Slightly Less	550	27	35	30
Substantially Less	<u>117</u>	<u>5</u>	<u>8</u>	<u>0</u>
	<u>1722</u>	<u>100</u>	<u>100</u>	<u>100</u>

E. Rate of Inflation.**TABLE 61****Expected Rate of Inflation in 1977-78 Season****Mean = 14.2 per cent.****(1774 Valid Observations).**

3. OPINIONS AND ATTITUDES

A. Dairy Farmers.

TABLE 62

Marketing Effectiveness of New Zealand Dairy Board

	%
Very Effective	21
Fairly Effective	63
'So-So'	13
Not Very Effective	2
Not Effective at all	<u>1</u>
	<u>100</u>

(707 Valid Observations).

TABLE 63

Marketing Effectiveness of New Zealand Dairy Board
- by Size of Herd

	No. of Valid Observations	Small	Medium	Large
		%	%	%
Very Effective	142	22	20	21
Fairly Effective	427	64	59	66
'So-So'	89	11	18	9
Not Very Effective	18	3	3	1
Not Effective at all	<u>5</u>	<u>0</u>	<u>0</u>	<u>3</u>
	<u>681</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 64

Marketing Effectiveness of New Zealand Dairy Board
- by Age of Farmer

	No. of Valid Observations	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
Very Effective	144	18	23	24
Fairly Effective	428	64	59	66
'So-So'	87	16	13	7
Not Very Effective	17	2	4	2
Not Effective at all	<u>5</u>	<u>0</u>	<u>1</u>	<u>1</u>
	<u>681</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 65

Efficiency of Own Co-operative Dairy Company

	%
Very Efficient	27
Fairly Efficient	50
'So-So'	15
Not Very Efficient	5
Not Efficient at all	<u>3</u>
	<u>100</u>

(709 Valid Observations).

TABLE 66

Efficiency of Own Co-operative Dairy Company
- by Size of Herd

	Small %	Medium %	Large %
Very Efficient	32	25	27
Fairly Efficient	46	52	49
'So-So'	11	17	16
Not Very Efficient	8	5	4
Not Efficient at all	<u>3</u>	<u>1</u>	<u>4</u>
	<u>100</u>	<u>100</u>	<u>100</u>

(684 Valid Observations).

TABLE 67

Efficiency of Own Co-operative Dairy Company
- by Age of Farmer

	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
Very Efficient	25	24	35
Fairly Efficient	51	50	47
'So-So'	14	19	12
Not Very Efficient	6	5	4
Not Efficient at all	<u>4</u>	<u>2</u>	<u>2</u>
	<u>100</u>	<u>100</u>	<u>100</u>

(683 Valid Observations).

B. Sheep-Beef Farmers.

TABLE 68

Rating of Marketing Operations of
New Zealand Meat Producers' Board

	%
Very Effective	8
Fairly Effective	59
'So-So'	24
Not Very Effective	8
Not Effective at all	<u>1</u>
	<u>100</u>

(1171 Valid Observations).

TABLE 69

Rating of Marketing Operations of
New Zealand Meat Producers' Board - by Farm Classification

	No. of Valid Observations	Very Effective	Fairly Effective	'So-So'	Not Very Effective	Not Effective At All
		%	%	%	%	%
High Country	20	0	50	40	5	5
Hill Country	336	8	57	27	6	2
Hard Hill Country	78	7	59	23	10	1
Intensive Fattening	96	8	55	22	14	1
Fattening-Breeding	437	9	62	21	7	1
Mixed Cropping	<u>161</u>	9	61	22	7	1
	<u>1128</u>	—	—	—	—	—
		8	60	24	7	1
		—	—	—	—	—

TABLE 70

Rating of Marketing Operations of
New Zealand Meat Producers' Board - by Age of Farmer

	No. of Valid Observ- ations	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
Very Effective	93	6	8	11
Fairly Effective	671	57	59	61
'So-So'	271	28	24	20
Not Very Effective	85	7	9	7
Not Effective at all	<u>15</u>	2	0	1
	<u>1135</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 71

Attitude to Intervention by New Zealand Meat Producers' Board
in United Kingdom Lamb Market

	%
Support	88
Opposition	<u>12</u>
	<u>100</u>

(1128 Valid Observations).

TABLE 72

Attitude to Intervention by New Zealand Meat Producers' Board
in United Kingdom Lamb Market
- by Farm Classification

	No. of Valid Observ- ations	Support %	Opposition %
High Country	20	85	15
Hill Country	328	87	13
Hard Hill Country	73	92	8
Intensive Fattening	83	81	19
Fattening-Breeding	428	89	11
Mixed Cropping	<u>159</u>	88	12
	<u>1091</u>	—	—
		<u>88</u>	<u>12</u>

TABLE 73

Attitude to Intervention by New Zealand Meat Producers' Board
in United Kingdom Lamb Market
- by Age of Farmer

	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
Support	89	88	87
Opposition	<u>11</u>	<u>12</u>	<u>13</u>
	<u>100</u>	<u>100</u>	<u>100</u>

(1091 Valid Observations).

TABLE 74

Assessment of Marketing Operations of
New Zealand Wool Marketing Corporation

	%
Very Effective	14
Fairly Effective	55
'So-So'	22
Not Very Effective	7
Not Effective at all	<u>2</u>
	<u>100</u>

(1083 Valid Observations).

TABLE 75

Assessment of Marketing Operations of
New Zealand Wool Marketing Corporation
- by Farm Classification

	No. of Valid Observ- ations	Very Effective %	Fairly Effective %	'So-So' %	Not Very Effective %	Not Effective At All %
High Country	19	21	48	21	5	5
Hill Country	321	13	57	21	7	2
Hard Hill Country	71	14	52	20	11	3
Intensive Fattening	73	12	59	23	4	2
Fattening-Breeding	423	16	53	22	6	3
Mixed Cropping	<u>154</u>	10	56	23	9	2
	<u>1061</u>	—	—	—	—	—
Overall Average		<u>14</u>	<u>55</u>	<u>22</u>	<u>7</u>	<u>2</u>

C. Motivation.

TABLE 76

Ranking of 'Aims of Farming in New Zealand'
- by Provincial Land District and Overall

Provincial Land Districts	-----Ranking of Aims-----								
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
North Island									
1. Northland	1	2	7	9	3	5	8	4	6
2. Central Auckland	1	9	7	2	3	5	8	4	6
3. Sth Auckland- Bay of Plenty	9	7	2	1	3	5	8	4	6
4. East Coast, North Island	1	7	9	2	5	3	8	4	6
5. Hawkes Bay	9	1	2	7	3	5	8	4	6
6. Taranaki	9	1	2	7	5	3	8	4	6
7. Wellington	1	2	9	7	3	5	4	8	6
South Island									
8. Marlborough	9	1	2	7	3	8	5	4	6
9. Nelson	1	7	9	3	2	5	8	4	6
10. Westland	1	9	2	3	7	8	5	4	6
11. Canterbury	2	1	7	9	3	5	8	4	6
12. Otago	9	1	7	2	3	8	5	4	6
13. Southland	9	2	1	7	3	5	8	4	6
NEW ZEALAND	9	1	2	7	3	5	8	4	6

- KEY:
1. A source of income
 2. A way of life
 3. An outdoor life close to nature
 4. Some opportunity for leisure
 5. A means of accumulating capital
 6. A standing in the community
 7. A job as one's own boss
 8. A means of providing job opportunities for one's family
 9. A job that offers a sense of fulfilment or satisfaction.

TABLE 77

Ranking of 'Aims of Farming in New Zealand'
- by Size of Farm*

	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
'SMALL' FARMS	9	1	7	2	3	5	8	4	6
'MEDIUM' FARMS	1	7	9	2	3	5	8	4	6
'LARGE' FARMS	9	1	2	7	3	5	8	4	6

TABLE 78

Ranking of 'Aims of Farming in New Zealand'
- by Type of Farm

	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
DAIRY	1	7	9	2	3	5	8	4	6
SHEEP & BEEF	9	1	2	7	3	5	8	4	6
CROPPING	9	2	7	1	3	8	4	5	6

TABLE 79

Ranking of 'Aims of Farming in New Zealand'
- by Age of Farmer

	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
UNDER 40 YEARS	9	1	2	7	5	3	8	4	6
40-50 YEARS	9	1	2	7	3	5	8	4	6
OVER 50 YEARS	1	9	2	7	3	5	8	4	6

- KEY:
1. A source of income
 2. A way of life
 3. An outdoor life close to nature
 4. Some opportunity for leisure
 5. A means of accumulating capital
 6. A standing in the community
 7. A job as one's own boss
 8. A means of providing job opportunities for one's family
 9. A job that offers a sense of fulfilment or satisfaction.

SIZE: 'Small' = Under 90 cows(dairy) or under 500 acres (Sheep-Beef)
 'Medium' = 90-130 cows(dairy) or 500-1500 acres (Sheep-Beef)
 'Large' = Over 130 cows(dairy) or over 1500 acres (Sheep-Beef).

D. Livestock Incentive Scheme.

TABLE 80

Number of Respondents who have Applied to Join
Livestock Incentive Scheme

YES	9 per cent
NO	91 per cent

(1843 Valid Observations).

TABLE 81

Reasons Given by Respondents Why They have Not So Far Applied
to Join the Livestock Incentive Scheme

	%
1. Have reached an expansion limit	38
2. Not attractive enough	15
3. Have not yet decided	11
4. Am opposed to the Scheme	8
5. Intend applying in the 1977-78 Season	7
6. Lack the necessary capital	7
7. Am not interested	4
8. Have not enough livestock to justify applying	4
9. Consider it 'not practical'	3
10. Intend applying in the 1978-79 Season	2
11. Miscellaneous	<u>1</u>
	<u>100</u>

(1647 Valid Observations).

E. Obstacles to Output Expansion.

TABLE 82

'The Most Important Single Factor Limiting
an Expansion of Output' - All Farms

	Frequency
1. Need to employ Labour	8.5
2. Uncertainty of the Future	2.2
3. Scarcity of Money	13.8
4. Increased Costs	12.0
5. Death Duties	0.5
6. Taxation	11.6
7. Lack of Experience	0.7
8. Climatic Uncertainties	8.3
9. Freezing Industry Industrial Problems	4.7
10. Lack of Time	0.7
11. Need for Subdivision	0.8
12. 'My Age'	2.3
13. Have reached an Expansion Limit	5.5
14. Lack of Reward	6.1
15. Lack of Incentive	6.6
16. Inflation	2.0
17. Specific Farm Problem	5.6
18. Poor Stock Performance	1.4
19. Capital Too Expensive	1.6
20. Lack of Guaranteed Prices and Markets	1.2
21. Lack of Source of cheap Winter Feed	0.3
22. Too little work - too much leisure	0.1
23. Lack of Leisure	0.3
24. Cartage Costs	0.4
25. Lack of Suitable Land to oversow	1.2
26. My Health	0.2
27. Lack of Understanding of Farming by non-farm sector	0.2
28. Personal Reasons, etc.	<u>1.5</u>
	<u>100.0</u>

(1814 Valid Observations).

TABLE 83

'The Most Important Single Factor Limiting
an Expansion of Output' - by Type of Farm

	Dairy	Sheep- Beef	Cropping
	%	%	%
1. Need to employ Labour	8.3	8.6	11.5
2. Uncertainty of the Future	0.3	3.3	1.9
3. Scarcity of Money	15.2	12.2	17.3
4. Increased Costs	13.3	10.8	17.3
5. Death Duties	0.2	0.6	1.9
6. Taxation	10.7	11.9	15.4
7. Lack of Experience	1.1	0.4	0.0
8. Climatic Uncertainties	9.4	7.4	7.7
9. Freezing Industry Industrial Problems	0.8	7.7	0.0
10. Lack of Time	0.5	0.8	0.0
11. Need for Subdivision	0.6	1.0	0.0
12. My Age	2.4	2.3	0.0
13. Have reached an Expansion Limit	7.6	4.8	3.8
14. Lack of Reward	4.7	6.9	5.8
15. Lack of Incentive	7.0	6.5	1.9
16. Inflation	1.3	2.8	1.9
17. Specific Farm Problem	7.6	4.7	7.7
18. Poor Stock Performance	2.3	0.9	0.0
19. Capital Too Expensive	1.9	1.5	1.9
20. Lack of Guaranteed Prices & Markets	0.5	1.6	1.9
21. Lack Cheap Source of Winter Feed	0.2	0.3	0.0
22. Too little work - too much leisure	0.0	0.2	0.0
23. Lack of leisure	0.2	0.3	0.0
24. Cartage Costs	0.2	0.5	0.0
25. Lack of Suitable Land to oversow	1.9	0.7	0.0
26. My Health	0.0	0.2	0.0
27. Lack of Understanding of Farming	0.0	0.3	0.0
28. Personal Reasons, etc.	2.0	0.9	1.9
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>

TABLE 84

'The Most Important Single Factor Limiting an Expansion of Output on My Farm'
- by Provincial Land District

	Provincial Land District*												
	(%)	1	2	3	4	5	6	7	8	9	10	11	12
1. Shortage of or need to employ Labour	7.3	7.3	9.5	13.9	12.0	7.6	10.2	3.4	4.3	11.8	7.8	4.9	9.4
2. Uncertainty of Future	1.1	2.4	1.7	0.0	2.8	2.8	2.3	0.0	4.3	0.0	3.3	3.5	1.3
3. Scarcity of Capital	19.6	17.1	14.9	22.2	7.4	13.1	12.5	13.8	26.1	41.2	11.5	12.0	6.9
4. Increased Costs	15.6	9.8	13.6	19.4	13.9	9.7	9.7	13.8	13.0	5.9	12.3	9.2	6.9
5. Death Duties	0.0	0.0	0.4	0.0	2.8	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.0
6. Taxation	6.1	4.9	12.5	16.7	9.3	11.7	11.9	3.4	6.5	5.9	14.1	12.7	15.0
7. Lack of experience	0.6	0.0	1.1	2.8	0.9	1.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
8. Climatic uncertainties	10.1	12.2	6.0	0.0	4.6	5.5	5.7	6.9	2.2	5.9	14.5	19.7	3.1
9. Freezing Industry Industrial Problems	1.1	0.0	0.4	0.0	9.3	3.4	1.1	6.9	0.0	0.0	1.9	9.9	26.9
10. 'Lack of Time'	1.1	0.0	0.2	0.0	0.0	0.7	1.7	0.0	2.2	5.9	0.7	0.0	0.6
11. 'Need for Subdivision'	0.0	2.4	0.4	0.0	0.9	1.4	1.1	0.0	0.0	0.0	0.7	1.4	1.3
12. 'My Age'	2.2	2.4	1.9	0.0	4.6	4.8	2.8	0.0	2.2	0.0	3.0	0.0	1.3
13. Have reached an Expansion Limit	6.7	12.2	6.0	2.8	3.7	6.9	4.5	6.9	2.2	0.0	4.8	2.8	7.5
14. Lack of Reward	7.8	4.9	8.4	2.8	4.6	3.4	6.8	10.3	10.9	0.0	4.8	2.8	4.4
15. Lack of Incentive	8.4	12.2	7.1	2.8	6.5	8.3	8.5	3.4	4.3	11.8	6.7	1.4	4.4
16. Inflation	3.4	0.0	1.1	0.0	1.9	2.1	3.4	10.3	0.0	5.9	0.7	4.2	1.3
17. Specific Farm Problem	2.8	2.4	6.0	5.6	6.5	9.7	7.4	10.3	2.2	0.0	4.5	6.3	3.8
18. Stock Performance	1.7	2.4	1.5	0.0	0.9	1.4	2.8	0.0	0.0	0.0	0.7	2.1	0.6
19. Capital Too Expensive	1.7	0.0	2.2	0.0	1.9	2.1	1.1	6.9	4.3	0.0	0.0	1.4	1.9
20. Lack of Guaranteed Prices & Markets	0.6	0.0	1.5	0.0	0.9	1.4	0.6	0.0	2.2	0.0	1.9	1.4	0.6
21. Lack of cheap source of winter feed	0.0	2.4	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.0
22. 'Not enough Work, too much Leisure'	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
23. 'Lack of Leisure'	0.0	0.0	0.0	2.8	0.0	0.0	0.6	0.0	0.0	0.0	0.7	0.7	0.0
24. Cartage Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	5.9	1.9	0.0	0.0
25. Lack of Suitable Land for oversow	0.6	2.4	1.5	5.6	0.9	1.4	0.0	0.0	6.5	0.0	0.0	1.4	1.3
26. 'My Health'	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2.2	0.0	0.0	0.7	0.0
27. Lack of Understanding of Farming	0.6	0.0	0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28. Personal Reasons	1.1	2.4	1.3	2.8	0.9	1.4	2.8	3.4	2.2	0.0	1.1	0.0	1.3

* As Listed in Table 1, Page 9.

F. Use of Advisory Services.

TABLE 85

Use of <u>Any</u> Advisory Service	%
USE AT LEAST ONE	74
NONE AT ALL	26

TABLE 86

Use of Any Advisory Service - by Type of Farm

	Dairy %	Sheep- Beef %	Cropping %
USE AT LEAST ONE	78	71	89
NONE AT ALL	22	29	11

TABLE 87

Use of Any Advisory Service - by Age of Farmer

	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
USE AT LEAST ONE	80	72	69
NONE AT ALL	20	28	31

TABLE 88

Use of Any Advisory Service - by Size of Farm

	'Small' %	'Medium' %	'Large' %
USE AT LEAST ONE	79	70	86
NONE AT ALL	21	30	14

TABLE 89

Use by All Farmer Respondents of the Five Main Types of
Advisory Services available in New Zealand

1. Farm Improvement Club	
YES	8 per cent
NO	92 per cent
2. Producer Board Advisory Officers	
YES	16 per cent
NO	84 per cent
3. Advisory Service provided by Private Firms who supply farm inputs or purchase farm output.	
YES	29 per cent
NO	71 per cent
4. Ministry of Agriculture and Fisheries	
YES	64 per cent
NO	36 per cent
5. Private Consultant, Partnership or paid University Advisory Service	
YES	10 per cent
NO	90 per cent

TABLE 90

Use of Various Advisory Services - by Type of Farm

Farm Improvement Club

	Dairy %	Sheep & Beef %	Cropping %
YES	15	6	8
NO	85	94	92

Producer Board Service

YES	46	3	7
NO	54	97	93

Service as Provided by
Fertiliser Companies etc.

YES	19	45	65
NO	81	55	35

Ministry of Agriculture
and Fisheries

YES	75	67	82
NO	25	33	18

Private Consultant

YES	11	13	21
NO	89	87	79

TABLE 91

Use of Various Advisory Services - by Size of Farm

Farm Improvement Club

	'Small' %	'Medium' %	'Large' %
YES	12	14	19
NO	88	86	81

Producer Board Service

YES	40	42	55
NO	60	58	45

Service as Provided by
Fertiliser Companies etc.

YES	24	20	14
NO	76	80	86

Ministry of Agriculture
and Fisheries

YES	74	67	83
NO	26	33	17

Private Consultant

YES	10	9	14
NO	90	91	86

APPENDIX A

COPY OF QUESTIONNAIRE



LINCOLN COLLEGE

UNIVERSITY COLLEGE OF AGRICULTURE

POSTAL ADDRESS
LINCOLN COLLEGE
CANTERBURY
NEW ZEALAND

TELEPHONE
MSL - 8029

In Reply Please Quote
Ref.:

Agricultural Economics Research Unit

April 1977

Last year I carried out an opinion survey amongst sheep farmers. I sought their views on important agricultural policy issues. The response was excellent and the results were both valuable and interesting to farm leaders and policy-makers generally.

This year I am attempting a more ambitious project. It's a postal survey of a large sample of dairy, sheep and arable farmers throughout New Zealand to sound them out on their production and spending intentions for the forthcoming 1977/78 production season. Your name has been included in the sample.

Farming is by far our most important industry. Each year over 40,000 farmers, acting independently make a series of critical production and expenditure decisions. In total these management decisions have a major impact on our economy.

The month of April is a time when many of the critical decisions relating to next production season are made. This survey attempts to monitor these decisions and then put them all together so as to build up an over-all 'picture' of next season's likely farm production and expenditure.

As soon as the survey replies are received we shall process them and construct a picture of over-all farmer responses. We shall then announce the results and you will then have information that so far has not been available to you - namely, what your fellow farmers in your own Provincial district and other parts of New Zealand are thinking and planning for next season.

This survey is an experiment to help you and those responsible for ensuring that adequate supplies of your next season's production requirements are available when you need them. I would make a very special personal plea for your co-operation.

Answer the 18 questions - it will take you about 15 minutes, place the completed form in the stamped addressed envelope and post it. If each one of you does this promptly we shall be able to make the over-all results known to you in a few weeks time. Of course, your own responses will remain confidential to the staff of the Agricultural Economics Research Unit here at Lincoln College.

Thank you once again. I hope this exercise will prove both interesting and valuable to you.

Yours sincerely,

John Pryde
Research Fellow in Agricultural
Policy

CONFIDENTIAL

CODE NO. _____

LINCOLN COLLEGE FARMER
INTENTIONS AND ATTITUDES SURVEY
APRIL, 1977

NOTE - Most questions are answered by merely placing a tick in the appropriate box. In other cases the response required is a number or a few words.

1. In which Provincial land district is your farm?

Northland	<input type="checkbox"/>	Marlborough	<input type="checkbox"/>
Central Auckland	<input type="checkbox"/>	Nelson	<input type="checkbox"/>
Sth Auckland - Bay of Plenty	<input type="checkbox"/>	Westland	<input type="checkbox"/>
East Coast	<input type="checkbox"/>	Canterbury	<input type="checkbox"/>
Hawkes Bay	<input type="checkbox"/>	Otago	<input type="checkbox"/>
Taranaki	<input type="checkbox"/>	Southland	<input type="checkbox"/>
Wellington	<input type="checkbox"/>		

2. What is the total acreage of your farm? _____ Acres

3. How would you classify your property?

Dairy	<input type="checkbox"/>	Now go to Question 4.
Sheep-Beef	<input type="checkbox"/>	Now go to Question 5.
Mainly Cropping	<input type="checkbox"/>	Now go to Question 6.

4. (A) How many cows in milk in your herd in December, 1976?

_____ cows in milk

(B) Do you expect you will have substantially more, slightly more, the same, slightly fewer or substantially fewer cows in milk at the end of 1977?	Substantially more	<input type="checkbox"/>
	Slightly more	<input type="checkbox"/>
	Same No.	<input type="checkbox"/>
	Slightly less	<input type="checkbox"/>
	Substantially less	<input type="checkbox"/>

(C) At present do you have substantially more, slightly more, the same, slightly fewer, or substantially fewer cows 'in calf' than at the same time last year?	Substantially more	<input type="checkbox"/>
	Slightly more	<input type="checkbox"/>
	Same No.	<input type="checkbox"/>
	Slightly less	<input type="checkbox"/>
	Substantially less	<input type="checkbox"/>

- | | | | |
|-----|---|----------------------|--------------------------|
| (D) | Do you expect milk payout prices will be higher, the same, or lower than they were in the 1976/77 season? | Higher | <input type="checkbox"/> |
| | | Same | <input type="checkbox"/> |
| | | Lower | <input type="checkbox"/> |
| (E) | How effective would you rate the marketing operations of the New Zealand Dairy Board? | Very effective | <input type="checkbox"/> |
| | | Fairly effective | <input type="checkbox"/> |
| | | 'So-So' | <input type="checkbox"/> |
| | | Not very effective | <input type="checkbox"/> |
| | | Not effective at all | <input type="checkbox"/> |
| (F) | How would you rate the efficiency of your own co-operative dairy company? | Very efficient | <input type="checkbox"/> |
| | | Fairly efficient | <input type="checkbox"/> |
| | | 'So-So' | <input type="checkbox"/> |
| | | Not very efficient | <input type="checkbox"/> |
| | | Not efficient at all | <input type="checkbox"/> |

Dairy farmers now go to Question 7.

Sheep and beef farms.

- | | | | |
|-----|---|---------------------------------|--------------------------|
| (A) | <u>Describing your farm</u>
How would you describe your farm? | High country | <input type="checkbox"/> |
| | | Hill country | <input type="checkbox"/> |
| | | Hard hill country | <input type="checkbox"/> |
| | | Intensive fattening farm | <input type="checkbox"/> |
| | | Fattening-breeding farm | <input type="checkbox"/> |
| | | Mixed cropping & fattening farm | <input type="checkbox"/> |
| (B) | <u>Breeding Ewe Numbers - mid 1976</u>
How many <u>breeding ewes</u> did you have at 30 June 1976. | _____ ewes | |
| (C) | <u>Breeding Ewe Numbers, mid 1977</u>
Do you expect that at mid 1977 you will have substantially more, slightly more, the same, slightly fewer or substantially fewer <u>breeding ewes</u> than at mid 1976? | Substantially more | <input type="checkbox"/> |
| | | Slightly more | <input type="checkbox"/> |
| | | Same | <input type="checkbox"/> |
| | | Slightly less | <input type="checkbox"/> |
| | | Substantially less | <input type="checkbox"/> |

- (D) Ewes in lamb
 At present would you estimate that you have substantially more, slightly more, the same, slightly less or substantially less ewes in lamb than a year ago?
- Substantially more
- Slightly more
- Same
- Slightly less
- Substantially less
- (E) Lamb Prices (1977/78 season)
 Do you expect schedule prices for your lambs in the 1977/78 season to be substantially higher, slightly higher, the same, slightly lower or substantially lower than they have been in the 1976/77 season?
- Substantially higher
- Slightly higher
- The same
- Slightly lower
- Substantially lower
- (F) Beef Prices (1977/78 season)
 Do you expect schedule prices for your beef in the 1977/78 season to be substantially higher, slightly higher, the same, slightly lower or substantially lower than they have been in the 1976/77 season?
- Substantially higher
- Slightly higher
- The same
- Slightly lower
- Substantially lower
- (G) Effectiveness of N.Z. Meat Board
 How would you rate the marketing operations of the New Zealand Meat Producers Board.
- Very effective
- Fairly effective
- 'So-So'
- Not very effective
- Not effective at all
- (H) Intervention in United Kingdom Lamb Market
 Do you approve of the decision of the New Zealand Meat Producers Board to establish its own marketing organisation to purchase N.Z. lambs in the United Kingdom to stabilise the market?
- YES
- NO
- (I) Wool Prices (1977/78 season)
 Do you expect auction prices for your 1977/78 wool clip to be substantially higher, slightly higher, about the same as, slightly lower or substantially lower than the prices you received in 1976/77 season.?
- Substantially higher
- Slightly higher
- Same
- Slightly lower
- Substantially lower

(J) Effectiveness of the N.Z. Wool Marketing Corporation

How would you rate the marketing operations of the New Zealand Wool Marketing Corporation?

- Very effective
- Fairly effective
- 'So-So'
- Not very effective
- Not effective at all

(K) Beef Cattle

Do you farm beef cattle?

- YES
- NO

If 'YES' how many female cattle did you have at 30 June 1976?

_____ beef cattle

(L) Female Cattle

By mid 1977 would you expect to have substantially more, slightly more, the same, slightly less or substantially less female cattle?

- Substantially more
- Slightly more
- Same
- Slightly less
- Substantially less

Sheep and Beef Farmers now go to Question 7.

6. Cropping in the 1977/78 season

Do you expect that in the 1977/78 season the acreage of the following crops on your farm will be substantially greater, the same, slightly less or substantially less than the acreage you planted in the 1976/77 season. Please indicate your 1976/77 acreage in the column provided. If you don't grow the particular crop, just tick the 'Not Applicable' column.

	Substant- ially Greater	Slightly Greater	Same	Slightly Less	Substant- ially Less	Acreage in 1976/77	N/A
A. Wheat							
B. Oats							
C. Barley							
D. Maize							
E. Potatoes							
F. Processed Crops							
G. Grass for seed							
H. Clover for seed							
I. Onions							
J. Other Crops (Specify)							
K. Other Crops (Specify)							
L. Other Crops (Specify)							

M. Prices in 1977/78

Do you expect the prices you will receive in the 1977/78 season for your locally consumed and your exported crops will be substantially higher, slightly higher, about the same, slightly lower or substantially lower than in the 1976/77 season?

	Locally Consumed Crops	Exported Crops
Substantially Higher		
Slightly Higher		
Same		
Slightly Lower		
Substantially Lower		
N/A		

Cropping Farmers now proceed to Question 7.

Farm Investment

During the 1977/78 season do you expect that your expenditure on the following items will be substantially higher, slightly higher, the same, slightly lower or substantially lower than in the 1976/77 season. (If you did not incur any expenditure on the particular item just tick the 'Not Applicable' column - N/A.)

	Substantially Higher	Slightly Higher	Same	Slightly Lower	Substantially Lower	N/A
A. Seeding or Re-Seeding of virgin or developed pasture, etc.						
B. New planting of lucerne						
C. New planting of plantation trees						
D. Irrigation/drainage work construction of landing strips						
E. Access roads, fert. storage facilities						
F. Increased water reticulation facilities						
G. Purchase & erection of new & replacement fencing						
H. Alterations & additions to farm buildings						
I. Erection of new farm buildings						
J. Erection of hay barn, silo or other feed storage facility						

8. Fertiliser and Lime

In the 1977/78 season do you expect to purchase and spread, substantially greater, slightly greater, the same, slightly less or substantially less superphosphate and lime than in the 1976/77 season?

	Fertiliser	Lime
Substantially Greater		
Slightly Greater		
Same		
Slightly Less		
Substantially Less		

9. Agricultural Chemicals and Animal Remedies

Do you expect that in the 1977/78 production season you will purchase substantially greater, slightly greater, the same, slightly less or substantially less weedicides and pesticides and animal remedies than in the 1976/77 season?

	Agricultural Chemicals	Animal Remedies
Substantially Greater		
Slightly Greater		
Same		
Slightly Less		
Substantially Less		

What chemicals and remedies do you mainly purchase?

10. Labour on Your Farm

In the 1977/78 season do you expect to be employing more, the same number or fewer permanent and casual staff than in the 1976/77 season?

	More	Same	Less
Permanent Farm Staff			
Casual Farm Staff			

(Note - If you employ no staff, permanent or casual, insert N/A.)

11. New Farm Tractors, Machinery etc.

Please indicate which of the following new tractors and other equipment you expect to purchase as replacement or additional equipment during the 1977/78 season.

- | | | | |
|--|--------------------------|---|--------------------------|
| (a) Wheeled tractor.
What H.P.? _____ | <input type="checkbox"/> | (j) Milking Machine
Plant Size? _____ | <input type="checkbox"/> |
| (b) Crawler Tractor | <input type="checkbox"/> | (k) Irrigation Water
Pump and Plant | <input type="checkbox"/> |
| (c) Header Harvester
What Size? _____ | <input type="checkbox"/> | (l) Shearing Machine
size? _____ | <input type="checkbox"/> |
| (d) Hay Baler | <input type="checkbox"/> | (m) Grain Storage
Equipment | <input type="checkbox"/> |
| (e) Plough | <input type="checkbox"/> | (n) 4 Wheeled Drive
vehicle | <input type="checkbox"/> |
| (f) Cultivator | <input type="checkbox"/> | (o) Truck
Size _____ cwt | <input type="checkbox"/> |
| (g) Mower | <input type="checkbox"/> | (p) Utility Vehicle | <input type="checkbox"/> |
| (h) Roller | <input type="checkbox"/> | (q) Motor Car
What c.c. Rating? _____ | <input type="checkbox"/> |
| (i) Drill | <input type="checkbox"/> | (r) Station Waggon
What c.c. Rating? _____ | <input type="checkbox"/> |

12. The Aims of a Farmer

It is said that farming in New Zealand provides you with:

	Ranking
A source of income	
A way of life	
An outdoor life close to nature	
Some opportunity for leisure	
A means of accumulating capital	
A standing in the community	
A job as one's own boss	
A means of providing job opportunities for one's family	
A job that offers a sense of fulfilment or satisfaction	

WHICH of these to you is the most important? (Place 1. in the square alongside it.)

NOW, which do you regard as the least important? (Place 9. in the square alongside it.)

Please continue until you have ranked them from 1 - 9. in the order of importance to you as a farmer.

13. Livestock Incentive Scheme

In the 1976 Budget the Livestock Incentive Scheme was introduced. Have you applied to join the Scheme?

YES

NO

If you have not so far applied to join the Scheme, what is your reason for not doing so?

Not Attractive Enough

Intend applying in 1977/78 season

Intend applying in 1978/79 season

Have reached Expansion limit

Do not possess capital needed

Have not made up my mind

Am opposed to the Scheme

Any other reason?

Please state.

14. The Rate of Inflation

If you were asked to predict the annual rate of internal inflation in the 1977/78 production year (as measured by the Consumers Price Index), what would you consider the most likely rate?

(Note - In 1976/77 it was approx. 15 per cent.)

_____ per cent in 1977/78.

15. Your Net Income in 1977/78

Would you expect your net income (before tax) in 1977/78 to be substantially higher, slightly higher, about the same, slightly less or substantially less than in 1976/77?

Substantially higher

Slightly Higher

Same

Slightly Lower

Substantially Lower

16. Future Production Increases

If you were asked to give what, in your opinion, is the most important single factor limiting an expansion of output on your farm, what would it be?

Please specify _____

17. Advisory Services

Which of the Advisory Services do you use?
(and the reasons why you do or do not use them).

1. Farm Improvement Club

YES

NO

If 'YES' why?

If 'NO', why not?

2. Producer Board Advisory Officers.

YES

NO

If 'YES' why?

If 'NO', why not?

3. Advisory Service provided by Private firms who supply your inputs or purchase your output?

YES

NO

If 'YES' why?

If 'NO', why not?

4. Ministry of Agriculture.

YES

NO

If 'YES' why?

If 'NO', why not?

5. Private Consultant, Partnership or paid University Advisory Service.

YES

NO

If 'YES' why?

If 'NO', why not?

18. Finally, how old are you?

_____ years

You have now completed the questionnaire.

Place it in the stamped addressed envelope and post it. We will then be able to process your answers along with the others and advise you what your fellow farmers are thinking.

Thank you for your co-operation,

John Pryde.

APPENDIX B

SAMPLE STATISTICS

TABLE B1

Average Age of Farmer - by Provincial Land District and Overall

<u>North Island</u>		<u>Years</u>
1.	Northland	44.419
2.	Central Auckland	49.814
3.	South Auckland - Bay of Plenty	44.481
4.	East Coast, North Island	47.743
5.	Hawkes Bay	44.844
6.	Taranaki	44.565
7.	Wellington	45.044
<u>South Island</u>		
8.	Marlborough	44.828
9.	Nelson	46.021
10.	Westland	43.333
11.	Canterbury	46.529
12.	Otago	44.236
13.	Southland	43.399
NEW ZEALAND		<u>44.978</u>

TABLE B2

Average Age of Farmer - by Type of Farm

Dairy	43.93 years
Sheep-Beef	45.75 "
Mainly Cropping	43.65 "

TABLE B3

Age Classification of All Farmers - by Provincial Land District

	No. of Valid Observ- ations	Under	40-50	Over
		40 %	yrs %	50 yrs %
North Island				
1. Northland	56	43	30	27
2. Central Auckland	12	42	33	25
3. Sth Auckland-Bay of Plenty	192	37	30	33
4. East Coast, North Island	10	10	60	30
5. Hawkes Bay	48	29	40	31
6. Taranaki	66	43	24	33
7. Wellington	57	42	30	28
South Island				
8. Marlborough	11	27	55	18
9. Nelson	16	31	19	50
10. Westland	5	80	20	0
11. Canterbury	103	30	28	42
12. Otago	64	38	31	31
13. Southland	<u>70</u>	46	27	27
	<u>710</u>	—	—	—
Overall Percentage		38	30	32

TABLE B4

Age Classification of Farmers - by Type of Farm

	No. of Valid Observ- ations	Dairy	Sheep- Beef	Mainly Cropping
		%	%	%
Under 40	247	39	36	50
40-50 years	196	34	27	19
Over 50 years	<u>217</u>	27	37	31
	<u>660</u>	—	—	—
		<u>100</u>	<u>100</u>	<u>100</u>

TABLE B5

Classification of Responding Farmers
- by Type of Enterprise

	%
Mainly Dairy	37
Mainly Sheep-Beef	60
Mainly Cropping	<u>3</u>
	<u>100</u>

TABLE B6

Classification of Responding Farmers
- by Size of Farm

	%
'Small'	24
'Medium'	43
'Large'	<u>33</u>
	<u>100</u>

(610 Valid Observations).

TABLE B7

Average Dairy Herd at December, 1976
(all areas)

Mean	125.8
Range:- Minimum	10
Maximum	900

TABLE B8

Average Dairy Herd at December 1976
- by Provincial District

	Mean		Mean
1. Northland	124	8. Marlborough	79
2. Central Auckland	119	9. Nelson	93
3. Sth Auckland-Bay of Plenty	140	10. Westland	100
4. East Coast, North Island	105	11. Canterbury	70
5. Hawkes Bay	101	12. Otago	57
6. Taranaki	130	13. Southland	62
7. Wellington	117		

TABLE B9

Average Dairy Herd at December 1976
- by Age of Farmer

Under 40 years	-	125.5	cows
40-50 years	-	128.9	"
Over 50 years	-	121.7	"

TABLE B10

Number of Meat and Wool Respondents Farming Beef Cattle
- by Provincial Land District and Overall

	No. of Valid Observ- ations	YES %	NO %
North Island			
1. Northland	96	100	0
2. Central Auckland	21	100	0
3. Sth Auckland-Bay of Plenty	167	95	5
4. East Coast, North Island	34	97	3
5. Hawkes Bay	92	95	5
6. Taranaki	50	98	2
7. Wellington	130	91	9
South Island			
8. Marlborough	26	81	19
9. Nelson	36	75	25
10. Westland	8	88	12
11. Canterbury	201	70	30
12. Otago	129	67	33
13. Southland	<u>132</u>	61	39
	<u>1122</u>	—	—
New Zealand Average		82	18

TABLE B11

Percentage of Meat and Wool Respondents
Farming Beef Cattle - by Farm Classification

	YES %	NO %
High Country	90	10
Hill Country	91	9
Hard Hill Country	92	8
Intensive Fattening	77	23
Fattening - Breeding	82	18
Mixed Cropping	<u>63</u>	<u>37</u>
Overall Average	<u>83</u>	<u>17</u>

(1091 Valid Observations).

TABLE B12

Number of Female Beef Cattle as at Mid 1976

Mean = 153

(Minimum = 1 : Maximum 2,282).

(732 Valid Observations).

TABLE B13

Classification of Sheep and Beef Farms Responding

	%
High Country	2
Hill Country	30
Hard Hill Country	7
Intensive Fattening Farm	8
Fattening - Breeding Farm	39
Mixed Cropping and Fattening	<u>14</u>
	<u>100</u>

(1165 Valid Observations).

TABLE B14

Classification of Sheep and Beef Farms Responding
- by Age of Farmer

	Under 40 yrs %	40-50 yrs %	Over 50 yrs %
High Country	2	2	2
Hill Country	30	29	30
Hard Hill Country	9	5	5
Intensive Fattening	7	5	12
Fattening-Breeding	36	44	38
Mixed Cropping	<u>16</u>	<u>15</u>	<u>13</u>
	<u>100</u>	<u>100</u>	<u>100</u>

(1132 Valid Observations).

TABLE B15

Average Number of Breeding Ewes Per Farm Mid 1976
- by Provincial District and Overall

	No.
North Island	
1. Northland	843
2. Central Auckland	832
3. South Auckland-Bay of Plenty	1,255
4. East Coast, North Island	2,825
5. Hawkes Bay	2,345
6. Taranaki	1,343
7. Wellington	1,650
South Island	
8. Marlborough	1,582
9. Nelson	985
10. Westland	375
11. Canterbury	1,449
12. Otago	2,075
13. Southland	<u>1,637</u>
NEW ZEALAND AVERAGE	<u>1,631</u>

TABLE B16

Average Number of Breeding Ewes Per Farm Mid 1976
- by Farm Classification

	No.
High Country	2,798
Hill Country	1,866
Hard Hill Country	1,642
Intensive Fattening	1,175
Fattening-Breeding	1,619
Mixed Cropping and Fattening	1,322

RECENT PUBLICATIONS

RESEARCH REPORTS

48. *Proceedings of an N.Z. Seminar on Project Evaluation in Agriculture and Related Fields*, R. C. Jensen (ed.), 1968.
49. *Inter-Industry Structure of the New Zealand Economy, 1961-5*, B. J. Ross and B. P. Philpott, 1968.
50. *Fresh Vegetable Retailing in New Zealand*, G. W. Kitson, 1968.
51. *Livestock Targets in North Canterbury Hill Country: The Impact of Changing Prices*, J. L. Morris, H. J. Plunkett and R. W. M. Johnson, 1968.
52. *Sectoral Capital Formation in New Zealand, 1958-65*, T. W. Francis, 1968.
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