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ECONOMICS DEPARTMENT

DAIRY FARM FINANCIAL RESULTS

FARM ACCOUNT AVERAGES — 100 FARMS — 1952-53

By

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DAIRY FARM FINANCIAL RETURNS - 1952-53FARM ACCOUNT AVERAGES FROM 100 FARMSFOREWORD

This report contains some averages prepared from farm financial accounts for a number of dairy farms in West-Central and South-West Scotland. It deals with the year 1952-53, i.e. the financial results largely represent the profitability under the scale of milk prices ruling from April 1952 to March 1953. It does not do more than present a general average and group averages, because of the restricted size of the sample.

The farms from which the accounts were obtained closed their financial year in the period from November, 1952 to May 1953, but mainly at March, 1953. In order to speed up publication of the report only the first hundred accounts which were completed are dealt with here; to await completion of all accounts in the sample would have meant delaying publication. The report deals with 100 farms, all of which received T.T. and Attested bonuses. They are commercial farms and do not in any way represent a specially selected sample.

The level of profits obtained by these farms was markedly higher than in the immediately previous years. The weather generally had been favourable, minimum wage rates for regular workers had remained at the same level throughout the period and prices of fertilisers had dropped somewhat from the high level of 1951-52. In addition, the prices of most concentrated feeding stuffs had been only slightly higher, and in one or two cases had been lower, than for the corresponding months of the previous year. On the other hand, milk prices had been raised above those ruling in 1951-52. The 1952-53 prices of milk which qualified for both T.T. and Attested bonuses are given below, together with the increases over the prices paid in the corresponding months of 1951-52.

Milk Prices 1952-53 (Including T.T. & Attested bonuses).

	<u>Per Gal.</u>	<u>Increase over previous year</u>
1952 April	2/10 $\frac{1}{2}$	1 $\frac{1}{2}$ d.
May	2/2 $\frac{3}{4}$ d.	1 $\frac{1}{4}$ d.
June	2/2 $\frac{1}{4}$ d.	1 $\frac{1}{4}$ d.
July	2/2 $\frac{1}{2}$ d.	1 $\frac{1}{2}$ d.
August	2/9d.	2d.
September	3/4 $\frac{3}{4}$ d.	3d.
October	4/0d.	3d.
November	4/3 $\frac{3}{4}$ d.	2 $\frac{3}{8}$ d.
December	4/4 $\frac{3}{4}$ d.	2 $\frac{1}{4}$ d.
1953 January	4/4 $\frac{3}{4}$ d.	2 $\frac{1}{4}$ d.
February	4/1 $\frac{1}{2}$ d.	2 $\frac{1}{4}$ d.
March	3/7d.	1 $\frac{1}{2}$ d.

ACCOUNTING METHOD

Definitions of the various terms used in the report and of the accounting method followed are necessary here:-

All accounts were prepared on a tenancy basis. Trading Expenditure and Trading Revenue relate to all the normal tenancy out-goings and income on the farms, but exclude any purchases or sales of capital equipment, or any expenditure on capital improvements such as new byres, cottages, etc. All expenses and revenue arising out of Ownership are excluded, as are all payments of Income Tax.

Total Expenditure and Total Revenue include all normal tenancy out-goings and income and also all expenditure on new equipment or structures, or income from sales of implements, and motor cars.

Depreciation was given on all equipment on hand at the date of opening valuation, and also on all new equipment and structures bought or erected during the year. The rates used for machinery are those allowed for income-tax purposes (5% plus one-quarter, 10% plus one-quarter, etc.), while for new

structures an annual allowance of one-tenth of net outlay was applied. It is to be noted, however, that "initial" allowances on new equipment were not charged among depreciation.

Stock and Crop Valuations at the opening and closing dates of the financial year were generally on a conservative basis, either of market value or estimated cost of production.

Net Profit represents the balance between Trading Revenue and Trading Expenditure, less the charge for depreciation, plus or minus any increase or decrease in the Stock and Crop Valuations during the year.

Regarding the figures of Net Profit several points require to be noted. At this stage, no charge has been made for any manual work done by the farmer or his wife, nor has any charge been made for interest on the capital invested in tenancy of the farm. Expenditure charged includes all actual payments for, or estimates of, the cash value and perquisites of all hired and family or partnership labour excepting only farmer and wife. Revenue includes all grants and subsidies, also a share of rent against the dwelling-house, an estimate of the value of produce taken for the house or given as perquisites, and certain shares of car-running, wages, etc., transferred to the domestic account.

Surplus - This term has been used more commonly throughout the report as a measure of profitability than has Net Profit or Net Loss. To obtain this figure of Surplus there was added to Expenditure an estimate of the value of the manual work done on each farm by the farmer; the basis of the calculation being on a scale rather higher than the minimum rates for specialist workers as scheduled in the Wages Board Orders. In addition an estimated charge was made for the value of the work done by the farmer's wife. This assessment of the extent to which the work of farmer and wife augmented the labour of hired or family workers was possible only on an approximate basis, but was considered necessary in view of the importance of the farmer's work, especially on the smaller farms in this area.

Neither the figures of Net Profit nor of Surplus make any allowance for interest on capital invested in tenancy.

Adjusted Acres - Where reference is made to Adjusted Acres an allowance has been made for certain farms having some area of rough grazing, by calculating the farm acreage with 4 acres of rough grazing as equivalent to 1 acre of ordinary grazing.

Certain figures are given "per cow" or "per cow carried". The calculation is based on an average of the numbers of cows at the opening and closing dates.

GENERAL AVERAGE

The following figures are general averages of the whole group of 100 farms:-

AVERAGE NET PROFIT AND SURPLUS - 100 FARMS

Average size of farm (including Rough Grazing)	168	acres.
Average size of farm (adjusted acres)	148	"
Average cows per farm	39	cows
	<u>Per Farm</u>	<u>Per Adj. acre.</u>	<u>Per Cow Carried</u>
Trading Revenue Exceeded			
Trading Expenses by	£1549	£10. 9/-	£39.14. 0
Deduct Depreciation on Equipment	343	2. 6/-	8.16. 0
	1206	8. 3/-	30.18. 0
Add Increase in Stock & Crop Val'n.	260	1.15/-	6.13. 0
NET PROFIT	1466	£9.18/-	£37.11. 0
Deduct average of charges for farmer's manual work	298	2. 0/-	7.13. 0
Deduct average of charges for wife's manual work	59	8/-	1.10. 0
SURPLUS	<u>£1109</u>	<u>£7.10/-</u>	<u>£28. 8. 0</u>

Thus, on the average, Trading Revenue exceeded Trading Expenses by £1549 per farm. After a deduction was made for depreciation on equipment and an addition made for the difference in value between the opening and closing valuations of stock and crop the net profit amounted to £1466, or about £37 per cow carried. If an estimate of the value of the manual labour of the farmer and his wife was deducted a surplus remained amounting to £1109 per farm, or £28 per cow. This sum remained to cover both the reward of the farmer in his organising and managerial capacity and the interest on his invested capital.

When compared with a similar, but not identical, group of accounts for the previous year, i.e. 1951-52, the excess of Trading Revenue over Trading Expenses was greater in 1952-53 by £415 per farm. After adjustments had been made for depreciation on equipment and increases in stock and crop valuations the average net profit in 1952-53 was £1466 per farm as compared with £992 in 1951-52, or £37 per cow as compared with £25. The surplus was £1109 per farm as against £642, or £28 per cow as against £16.

The figures given above are general averages and as a result do not indicate the quite wide variations which existed from farm to farm. Although on average there was a net profit of £1466 there were 3 farms, of the total of 100 farms, where net losses were made. Last year 12 farms, of a total of 124, showed losses.

The following are further general average figures relating to the 100 farms:-

Average adjusted farm acres per cow	3.8
Average gallonage sold per cow	666
Average gallonage sold per adjusted acre	176

GROUP AVERAGES

There was considerable variation among the 100 farms in farm size judged both by farm acreage and by the size of the cow herd. A method of grouping has been adopted according to the size of cow stocks carried, as judged by the average of the numbers on hand at the opening and closing valuations. The farms were arranged in five groups as follows:-

10 - 25 cows	51 - 65 cows
26 - 35 cows	Over 65 cows.
36 - 50 cows.	

The table below gives some average per farm and per cow figures for each of these groups:-

	<u>AVERAGES PER FARM AND PER COW BY SIZE GROUPS</u>				
	<u>10-25</u> Cows	<u>26-35</u> Cows	<u>36-50</u> Cows	<u>51-65</u> Cows	<u>Over</u> <u>65 Cows</u>
Number of Farms	29	25	22	15	9
Average Size of Farm					
- Actual	83	112	211	256	343
Average Size of Farm					
- Adj. Acres	74	103	173	226	313
Size of Cow Herd	20	30	42	57	83
Gallons sold per Cow	668	652	698	649	675
Net Profit per Farm	£828	£1250	£1384	£2045	£3364
Net Profit per Cow	£40	£42	£33	£36	£41
Surplus per Farm	£446	£868	£1045	£1741	£3017
Surplus per Cow	£22	£29	£25	£30	£36

In all groups a surplus per farm and per cow remained after charges had been made for the manual labour of the farmer and his wife. Of the three farms, mentioned earlier, which made losses, two appear among the smallest herds, i.e. 10-25 Cows, and one in the 36-50 Cow group.

In the next table some figures 'Per Acre,' and 'Per £100 Labour' are given for the same groups of farms. The latter figure includes an estimate

of the value of the manual labour of the farmer and his wife.

AVERAGES PER ACRE AND PER £100 LABOUR BY SIZE GROUPS

	10-25 Cows	26-35 Cows	36-50 Cows	51-65 Cows	Over 65 Cows
Number of Farms	29	25	22	15	9
Average Size of Farm - Actual	83	112	211	256	343
Average Size of Farm - Adjusted Acres	74	103	173	226	313
Adjusted Acres Per Cow	3.6	3.5	4.1	3.9	3.8
Gallons Sold per Adjusted Acre.	184	189	170	165	181
Net Profit Per Adjusted Acre	£11	£12	£8	£9	£11
Surplus per Adjusted Acre.	£6	£8	£6	£8	£10
Surplus per £100 Labour	£57	£77	£67	£74	£93

The following average figures of certain revenue and expenditure items have been taken from the accounts of the same farms:-

SOME REVENUE AND EXPENDITURE ITEMS PER ACRE

	10-25 Cows	26-35 Cows	36-50 Cows	51-65 Cows	Over 65 Cows
	£: s.	£: s.	£: s.	£: s.	£: s.
Trading Revenue	41.17	47.10	39.19	42.0	41.13
of which Milk Sales	29.5	31.8	27.1	27.6	24.2
Cheese Sales	-	-	-	-	3.14
Trading Expenditure	29.11	35.0	31.2	32.3	31.6
of which Concentrates	9.8	11.0	9.17	8.1	7.18
Fertilisers	3.1	2.13	2.14	3.4	2.12
Labour	5.9	7.5	7.2	9.0	9.6

The above item "Labour" includes cash wages paid to regular and casual workers as well as estimates of the value of perquisites given to workers, such as rent-free cottages, farm produce and board and lodgings. It also includes an estimate of the value of the manual labour supplied by unpaid members of the farmer's family. It does not include any charge for the manual labour of the farmer and his wife.

Detailed tables of the revenue, expenditure, cropping acreages, average valuations and depreciation calculations for each of the five groups are given in the Appendix.

Acknowledgments -

Acknowledgment is gratefully made of the continuing assistance of the farmers who place their farm accounts at the disposal of the College, of the help given by professional accountants in this connection and of the work done, both in the field and in the office, by other members of the staff.

5.

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TABLE 1

100 DAIRY FARMS 1952-53

PER FARM - SUMMARY OF THE ACCOUNTING RESULTS - BY GROUPS -

	10-25 Cows	26-35 Cows	36-50 Cows	51-65 Cows	Over 65 Cows
Number of Farms	29	25	22	15	9
Average Size (Adjusted Acres)	74	103	173	226	313
Average Number of Cows	20	29	42	58	83
	£	£	£	£	£
Trading Revenue and Subsidies	3114	4889	6917	9501	13035
Trading Expenses	2200	3605	5383	7267	9796
Balance	914	1284	1534	2234	3239
Less Depreciation	184	246	434	537	585
Balance	730	1038	1100	1697	2654
Change in Stock & Crop Valuation	98	212	284	348	710
NET PROFIT	828	1250	1384	2045	3364
Less Farmer's Manual	313	316	281	269	294
Less Wife's Manual	69	66	58	35	53
SURPLUS	446	868	1045	1741	3017
Opening Valuation of Equipment Stock & Crop	3222	4641	6180	8397	10552
Closing Valuation of Equipment Stock & Crop	3418	4984	6742	8923	11518
Change in Valuation	196	343	562	526	966

TABLE 2

100 DAIRY FARMS 1952-53

PER ADJUSTED ACRE - SUMMARY OF THE ACCOUNTING RESULTS - BY GROUPS -

	10-25 Cows	26-35 Cows	36-50 Cows	51-65 Cows	Over 65 Cows
Number of Farms	29	25	22	15	9
Average Size (Adjusted Acres)	74	103	173	226	313
Average Number of Cows	.27	.29	.25	.25	.26
	£	£	£	£	£
Trading Revenue and Subsidies	42	47	40	42	42
Trading Expenses	30	35	31	32	31
Balance	12	12	9	10	11
Less Depreciation	2	2	2	2	2
Balance	10	10	7	8	9
Change in Stock & Crop Valuation	1	2	1	1	2
NET PROFIT	11	12	8	9	11
Less Farmer's Manual	4	3	2	1	1
Less Wife's Manual	1	1	-	-	-
SURPLUS	6	8	6	8	10
Opening Valuation of Equipment Stock and Crop	43	45	36	37	34
Closing Valuation of Equipment Stock and Crop	46	48	39	39	37
Change in Valuation	3	3	3	2	3

TABLE 3

100 DAIRY FARMS: 1952-53

PER FARM - AVERAGE VALUATION - BY GROUPS -

	10-25 Cows £	26-35 Cows £	36-50 Cows £	51-65 Cows £	Over 65 Cows £
TOTAL EQUIPMENT (Including Car)	1021	1393	2157	2745	3128
Horses	43	62	84	117	158
Dairy Cows	943	1319	1559	2330	2872
All Other Cattle	577	880	1106	1551	1979
All Sheep	12	97	171	205	407
All Pigs	19	58	80	20	398
Poultry	78	93	99	57	33
TOTAL STOCK	<u>1672</u>	<u>2509</u>	<u>3099</u>	<u>4280</u>	<u>5847</u>
	<u>2693</u>	<u>3902</u>	<u>5256</u>	<u>7025</u>	<u>8975</u>
Oat Grain	87	103	151	144	301
All Other Grain	2	8	4	11	20
Straw	14	18	27	27	53
Hay	60	81	119	103	104
Roots and Silage	27	46	79	33	219
All Other Crops	<u>28</u>	<u>51</u>	<u>53</u>	<u>90</u>	<u>11</u>
TOTAL CROPS AND PRODUCE	<u>218</u>	<u>307</u>	<u>433</u>	<u>408</u>	<u>708</u>
Purchased Foods	28	42	51	73	110
Sundry Items	7	13	17	12	12
Cultivations, Seeds, Fertilisers etc.	205	334	463	873	903
Dung and Unexhausted Improvements	<u>169</u>	<u>214</u>	<u>241</u>	<u>269</u>	<u>325</u>
Sub-Total	<u>409</u>	<u>603</u>	<u>772</u>	<u>1227</u>	<u>1350</u>
GRAND TOTAL	<u>£3320</u>	<u>£4812</u>	<u>£6461</u>	<u>£8660</u>	<u>£11033</u>

TABLE 4

100 DAIRY FARMS: 1952-53

PER FARM - AVERAGE REVENUE - BY GROUPS -

	10-25	26-35	36-50	51-65	Over 65
	<u>Cows</u>	<u>Cows</u>	<u>Cows</u>	<u>Cows</u>	<u>Cows</u>
		£	£	£	£
<u>REVENUE</u>					
Horses	8	15	12	26	25
Cast Cows	106	129	267	364	314
Cows and Heifers	131	281	324	461	645
Bulls	15	33	26	68	47
Calves	20	36	45	51	102
Other Cattle	7	62	58	110	167
Ewes	1	23	60	26	41
Rams	2	3	3	4	39
Lambs and Hoggs	60	224	348	915	614
Pigs	80	194	204	55	1098
Poultry	11	15	24	7	6
TOTAL LIVE STOCK	<u>441</u>	<u>1016</u>	<u>1371</u>	<u>2087</u>	<u>3098</u>
Milk (and Cheese)	2179	3235	4686	6176	8682
Eggs	118	212	206	119	62
Wool	1	21	40	54	67
TOTAL LIVE STOCK PRODUCE	<u>2298</u>	<u>3468</u>	<u>4932</u>	<u>6349</u>	<u>8811</u>
Wheat	-	3	7	2	40
Barley	-	-	-	33	15
Oats	41	18	29	220	216
Potatoes	82	68	101	156	181
Potato Land Let	-	-	-	10	-
Roots, Hay, Straw	12	6	17	15	43
Grazing Let	28	19	36	62	35
Other Crops	-	13	16	-	-
TOTAL CROP PRODUCE	<u>163</u>	<u>127</u>	<u>206</u>	<u>498</u>	<u>530</u>
Calf Subsidy	2	3	9	11	11
Hill Sheep Subsidy	-	-	-	-	23
Plough Subsidy	30	49	58	177	131
Fertiliser Subsidies	60	78	108	84	168
Drainage Grant	-	4	2	13	16
Marginal Grant	8	3	4	2	-
Other Subsidies	13	24	43	65	-
TOTAL SUBSIDIES	<u>113</u>	<u>161</u>	<u>224</u>	<u>352</u>	<u>349</u>
Miscellaneous	11	13	38	22	15
Farm Produce as Perquisites	1	8	29	67	103
Produce Used	51	56	56	57	56
House Value	13	14	21	23	24
To Private Account	23	26	40	46	49
TOTAL "OTHER REVENUE"	<u>99</u>	<u>117</u>	<u>184</u>	<u>215</u>	<u>247</u>
TOTAL TRADING REVENUE	3114	4889	6917	9501	13035
EQUIPMENT SOLD	44	113	131	207	287
TOTAL REVENUE	<u>£3158</u>	<u>£5002</u>	<u>£ 7048</u>	<u>£9708</u>	<u>£13322</u>
CLOSING VALUATION	<u>£3418</u>	<u>£4984</u>	<u>£6742</u>	<u>£8923</u>	<u>£11518</u>

TABLE 5

100 DAIRY FARMS: 1952-53

PER ADJUSTED ACRE - AVERAGE REVENUE - BY GROUPS

	10-25	26-35	36-50	51-65	Over 65
	<u>Cows</u>	<u>Cows</u>	<u>Cows</u>	<u>Cows</u>	<u>Cows</u>
	£. s.	£. s.	£. s.	£. s.	£. s.
<u>REVENUE</u>					
Horses	2	3	1	2	2
Cast Cows	1. 9	1. 5	1.11	1.12	1. 0
Cows and Heifers	1.15	2.15	1.17	2. 1	2. 1
Bulls	4	6	3	6	3
Calves	6	7	5	5	7
Other Cattle	2	12	7	10	11
Ewes	-	4	7	2	3
Rams	1	-	-	-	2
Lambs and Hogs	16	2. 4	2.0	4. 1	1. 19
Pigs	1. 1	1.18	1. 4	5	3. 10
Poultry	3	3	3	1	-
TOTAL LIVE STOCK	<u>5.19</u>	<u>9.17</u>	<u>7.18</u>	<u>9. 5</u>	<u>9. 18</u>
Milk (and Cheese)	29. 6	31. 9	27. 1	27. 6	27. 15
Eggs	1.12	2. 1	1. 4	10	4
Wool	-	4	4	5	4
TOTAL LIVE STOCK PRODUCE	<u>30.18</u>	<u>33.14</u>	<u>28. 9</u>	<u>28. 1</u>	<u>28. 3</u>
Wheat	-	-	1	2	2
Barley	-	-	-	3	1
Oats	11	4	3	19	14
Potatoes	1. 2	13	12	14	12
Potato Land Let	-	-	-	-	-
Roots, Hay, Straw	3	1	2	1	3
Grazing Let	8	4	4	5	2
Other Crops	-	3	2	-	-
TOTAL CROP PRODUCE	<u>2. 4</u>	<u>1. 5</u>	<u>1. 4</u>	<u>2. 4</u>	<u>1. 14</u>
Calf Subsidy	1	1	1	1	1
Hill Sheep Subsidy	-	-	-	-	4
Plough Subsidy	8	10	7	7	8
Fertiliser Subsidies	16	15	12	16	11
Drainage Grant	-	1	-	1	1
Marginal Grant	2	-	1	-	-
Other Subsidies	3	4	5	6	-
TOTAL SUBSIDIES	<u>1.10</u>	<u>1.11</u>	<u>1. 6</u>	<u>1.11</u>	<u>1. 2</u>
Miscellaneous	3	2	4	2	1
Farm Produce as Perquisites	-	2	3	6	7
Produce Used	14	11	6	5	4
House Value	3	3	2	2	1
To Private Account	6	5	5	4	3
TOTAL "OTHER REVENUE"	<u>1. 6</u>	<u>1. 3</u>	<u>1. 0</u>	<u>-.19</u>	<u>-. 16</u>
TOTAL TRADING REVENUE	41.17	47.10	39.17	42. 0	41. 13
EQUIPMENT SOLD	12	1. 2	-.15	-.18	-. 18
TOTAL REVENUE	<u>£42. 9</u>	<u>£48.12</u>	<u>£40.12</u>	<u>£42.18</u>	<u>£42. 11</u>
CLOSING VALUATION	<u>£45.18</u>	<u>£48. 8</u>	<u>£38.19</u>	<u>£39. 9</u>	<u>£36. 17</u>

TABLE 6

100 DAIRY FARMS: 1952-53

PER FARM - AVERAGE EXPENDITURE - BY GROUPS

EXPENDITURE	10-25	26-35	36-50	51-65	Over 65
	Cows	Cows	Cows	Cows	Cows
	£	£	£	£	£
<u>EXPENDITURE</u>					
Horses	5	6	4	29	21
Cows	50	137	62	76	82
Bulls	6	20	17	25	58
Young Dairy Cattle	10	12	7	10	-
Sheep	43	126	232	537	341
Pigs	27	68	78	23	344
Poultry	20	27	28	34	23
TOTAL LIVESTOCK	<u>161</u>	<u>396</u>	<u>428</u>	<u>734</u>	<u>869</u>
Concentrates	699	1133	1703	1826	2466
Bulk Grain Crops	3	6	-	3	-
Hay, Roots, etc.	38	47	28	24	155
Grazing Taken	19	57	37	60	56
Sundry Livestock Expenses	39	59	81	105	169
TOTAL LIVESTOCK EXPENSES	<u>798</u>	<u>1302</u>	<u>1849</u>	<u>2018</u>	<u>2846</u>
Seeds	67	87	152	212	248
Fertilisers	225	272	465	723	817
Sundry Crop Expenses	11	19	23	37	72
TOTAL CROP EXPENSES	<u>303</u>	<u>378</u>	<u>640</u>	<u>972</u>	<u>1137</u>
TOTAL LABOUR	<u>404</u>	<u>749</u>	<u>1230</u>	<u>2040</u>	<u>2904</u>
Implement Repairs & Tools	99	143	224	300	432
Contract Work	32	42	67	75	69
Fuel, Light, etc.	104	129	232	283	378
Repairs to Bldgs. Fences, Drains, etc.	41	83	119	151	225
Farm Rent	87	135	225	287	399
Other Rent	6	8	17	-	30
Rates as Occupier	8	14	22	29	29
General Insurances	12	17	27	34	49
Car Running Expenses	81	103	143	146	147
Interest	5	8	14	44	44
Carriage	13	26	44	30	63
Miscellaneous	46	72	102	124	175
TOTAL "OTHER EXPENSES"	<u>534</u>	<u>780</u>	<u>1236</u>	<u>1503</u>	<u>2040</u>
TOTAL TRADING EXPENSES	<u>2200</u>	<u>3605</u>	<u>5383</u>	<u>7267</u>	<u>9796</u>
New Structures	69	69	377	240	111
New Implements	109	268	241	334	662
New Car	148	153	225	348	355
TOTAL NEW EQUIPMENT	<u>326</u>	<u>490</u>	<u>843</u>	<u>922</u>	<u>1128</u>
TOTAL EXPENSES	<u>£2526</u>	<u>£4095</u>	<u>£6226</u>	<u>£8189</u>	<u>£10924</u>
OPENING VALUATION	<u>£3222</u>	<u>£4641</u>	<u>£6180</u>	<u>£8397</u>	<u>£10552</u>

Note: The sum given as "Total Labour" includes all cash wages, insurances, perquisites, board and lodgings, etc., for all hired and family labour, excluding farmer and wife.

TABLE 7
100 DAIRY FARMS: 1952-53.

PER ADJUSTED ACRE - AVERAGE EXPENDITURE - BY GROUPS

	10-25	26-35	36-50	51-65	Over 65
	Cows	Cows	Cows	Cows	Cows
	£. s.	£. s.	£. s.	£. s.	£. s.
<u>EXPENDITURE</u>					
Horses	1	1	-	3	1
Cows	13	1. 7	7	7	5
Bulls	2	4	2	2	4
Young Dairy Cattle	3	2	1	1	-
Sheep	12	1. 5	1. 7	2. 7	1. 2
Pigs	7	13	9	2	1. 2
Poultry	5	5	3	3	2
TOTAL LIVESTOCK	<u>2. 3</u>	<u>3.17</u>	<u>2. 9</u>	<u>3. 5</u>	<u>2.16</u>
Concentrates	9. 8	11. 0	9.17	8. 2	7.18
Bulk Grain Crops	1	1	-	-	-
Hay, Roots, etc.	10	9	3	2	10
Grazing Taken	5	11	4	5	3
Sundry Livestock Expenses	10	12	10	9	11
TOTAL LIVESTOCK EXPENSES	<u>10.14</u>	<u>12.13</u>	<u>10.14</u>	<u>8.18</u>	<u>9. 2</u>
Seeds	18	17	18	19	16
Manures	3. 1	2.13	2.14	3. 4	2.12
Sundry Crop Expenses	3	3	2	3	5
TOTAL CROP EXPENSES	<u>4. 2</u>	<u>3.13</u>	<u>3.14</u>	<u>4. 6</u>	<u>3.13</u>
TOTAL LABOUR	<u>5. 9</u>	<u>7. 5</u>	<u>7. 2</u>	<u>9. 0</u>	<u>9. 6</u>
Implement Repairs and Tools	1. 7	1. 8	1. 6	1. 6	1. 8
Contract Work	9	8	8	7	4
Fuel, Light, etc.	1. 8	1. 5	1. 7	1. 5	1. 4
Repairs to Buildings, Fences, Drains, etc.	11	16	14	13	14
Farm Rent	1. 3	1. 6	1. 6	1. 5	1. 6
Other Rent	2	2	2	-	2
Rates as Occupier	2	3	2	3	2
General Insurances	3	3	3	3	3
Car Running	1. 2	1. 0	1. 6	1. 3	9
Interest	1	2	2	4	3
Carriage	3	5	5	3	4
Miscellaneous	12	14	12	11	11
TOTAL "OTHER EXPENSES"	<u>7. 3</u>	<u>7.12</u>	<u>7. 3</u>	<u>6.13</u>	<u>6.10</u>
TOTAL TRADING EXPENSES	<u>29.11</u>	<u>35. 0</u>	<u>31. 2</u>	<u>32. 2</u>	<u>31. 7</u>
New Structures	19	13	2. 3	1. 1	7
New Implements	1. 9	2.12	1. 8	1.10	2. 2
New Car	2. 0	1.10	1. 6	1.11	1. 3
TOTAL NEW EQUIPMENT	<u>4. 8</u>	<u>4.15</u>	<u>4.17</u>	<u>4. 2</u>	<u>3.12</u>
TOTAL EXPENSES	<u>£33.19</u>	<u>£39.15</u>	<u>£35.19</u>	<u>£36. 4</u>	<u>£34.19</u>
OPENING VALUATION	<u>£43. 6</u>	<u>£45. 1</u>	<u>£35.14</u>	<u>£37. 3</u>	<u>£33.15</u>

Note: The sum given as "Total Labour" includes all cash wages, insurances, perquisites, board and lodgings, etc., for all hired and family labour, excluding farmer and wife.

TABLE 8

100 DAIRY FARMS: CROPPING 1952

CROPPING ACREAGES BY GROUPS - IN ACRES PER FARM

	<u>Cow Herd Groups</u>		
	<u>10-25</u> <u>COWS</u>	<u>26-35</u> <u>COWS</u>	<u>36-50</u> <u>COWS</u>
Wheat	-	.7	.7
Barley	-	-	-
Oats	13.5	16.4	26.4
Mashlum etc.	.3	1.6	1.8
Beans	-	.1	.4
Potatoes	1.0	1.3	1.7
Arable Silage	.1	1.2	-
Turnips and Swedes	3.3	4.9	6.8
Kale, etc.	.6	.5	2.3
Rotation Hay	10.3	16.0	21.4
Rotation Grazing	30.1	43.9	67.3
Timothy Hay	2.6	3.4	4.6
Meadow Hay	.8	.3	3.2
Permanent Grazing	9.0	9.6	24.0
Rough Grazing	<u>11.1</u>	<u>12.1</u>	<u>50.2</u>
Farm Acres	<u>82.7</u>	<u>112.0</u>	<u>210.8</u>
Number of Cows	20	29	42
Number of All Dairy Stock	<u>43</u>	<u>64</u>	<u>92</u>

	<u>Cow Herd Groups</u>	
	<u>51-65</u> <u>COWS</u>	<u>Over 65</u> <u>COWS</u>
Wheat	.8	1.9
Barley	2.0	1.7
Oats	38.5	53.3
Mashlum etc.	3.5	.8
Beans	1.3	.7
Potatoes	2.9	2.6
Arable Silage	1.9	-
Turnips and Swedes	10.4	16.9
Kale, etc.	2.8	3.2
Rotation Hay	24.1	31.5
Rotation Grazing	99.5	143.4
Timothy Hay	4.9	3.4
Meadow Hay	2.3	3.7
Permanent Grazing	21.3	39.4
Rough Grazing	<u>40.1</u>	<u>40.8</u>
Farm Acres	<u>256.3</u>	<u>343.3</u>
Number of Cows	58	83
Number of All Dairy Stock	<u>125</u>	<u>183</u>