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JUN 5 1959 2

AN INTRODUCTION

TO

FARM MANAGEMENT ANALYSIS

BY

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The following results of a sample survey of Welsh farms in 1957/58 are based on tables produced by Mr. M. B. Jawetz, M.Sc., Head of Farm Management Survey work in this Department.

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Introduction . . .

The 1957/58 Farm Management Survey results are those of farms whose accounting year ended between August 1, 1957 and July 31, 1958. As most (though by no means all) farms ended their year in the spring, it can be said that, broadly speaking, these results refer to the year from the spring of 1957 to the spring of 1958.

The 1957/58 farm profits show a marked improvement over those of 1956/57. Out of the 20 size-type groups 19 show increases ranging from 16 to 78 per cent.

TABLE 1
Average Farm Profit (per Farm)

	1956/57	1957/58
Better Land: adj. acres Dairy 20— 49 50— 99 100—199 Over 200	£ 633 726 1,025 1,361	£ 849 950 1,350 2,057
Mixed 20— 99 100—199 Over 200	688 1,185 1,602	801 1,899 2,145
Livestock Rearing 20— 99 100—199 Over 200	457 831 1,638	689 1,469 2,581
Poor Land:		
Dairy 20— 49 50— 99 100—199	359 370 837	325 571 1,185
Mixed 0— 99 100—199 Over 200	411 443 1,131	627 788 1,384
Livestock Rearing 20— 99 100—199 Over 200	292 485	422 832
Under 80% Rou Over 80% Graz	gh zing 1,180 906	1,777 1,429
		1

It must be added that these figures are based on a relatively small sample of farms and that any generalisations drawn from them regarding Welsh farms in general should be treated with great caution. Small differences between years or between groups cannot be regarded as significant; when, however, there are differences of more than, say, 20 per cent it is possible to make generalisations with reasonable confidence.

The increase in the profits of the Livestock Rearing farms is not unexpected in view of the high prices prevailing for cattle and sheep. The increase in profits on Dairy farms is more surprising in view of the fall in milk prices during the period. It would seem to be due to an increase in the quantity of milk sold together with the fall in the price of purchased feedingstuffs. On the 50—99 acre Dairy (Better Land) group, for example, Production increased from an average of £3,891 per farm to £4,040 while Costs fell from £3,165 to £3,090 mainly because of a fall in the cost of Purchased Food from £1,507 to £1,418.

Although it is difficult to make exact comparisons, because of a change in farm classification in 1956/57, the figures available suggest that 1957/58 was the most profitable year in Welsh farming for the last seven years. Between 1951/52 and 1955/56, when the farm classification remained unaltered, the most profitable year in all groups was 1953/54. The following results of the 50—99 acre Dairy group are typical of the rise and fall in farm profits over this period.

TABLE 2 Average Farm Profit (per Farm) Dairy 50—99 acres

	£
1952/53	599
1953/54	728
1954/55	473
1955/56	466

When the results of 1953/54 are compared with those of the most similar groups in 1957/58 it appears that 1957/58 was an even better year. The following table shows a comparison of certain Dairy and Livestock groups in the two years. It appears that profits were markedly higher on the Livestock Rearing farms and probably slightly higher on the Dairy farms as well.

TABLE 3
Average Farm Profit (per Farm)

	1953/54		1957/58
Dairy* 20— 49 acres	£ 653	Dairy (Better Land) 20— 49 acres ,, (Poor Land) 20— 49 ,,	£ 849 326
Dairy* 50— 99 acres	728	Dairy (Better Land) 50— 99 acres ,, (Poor Land) 50— 99 acres	950 571
Dairy* 100—199 acres	1,165	Dairy (Better Land) 100—199 acres ,, (Poor Land) 100—199 acres	1,350 1,185
Livestock Rearing Better Land) 20— 99 acres " 100—199 acres " Over 200 acres			689 1,469 2,581

^{*}not sub-divided but mainly Better Land farms

The differences between the various groups of farms in 1957/58 are similar to those in 1956/57. It is very noticeable in Table 1 that there is a very great difference in profitability between the Better Land and the Poor Land farms. The profits on the smaller Poor Land farms are decidedly low but rise considerably as farm size increases. The 1957/58 figures seem to support the generalisation put forward by the author in "Profitable Cattle Fattening" that, at present prices, Livestock Rearing farms of over 200 acres (of good land) are more profitable than Dairy farms of the same size, whereas for farms of under 100 acres the reverse holds true.

An explanation of the farm classification and of the exact meaning of "Production", "Costs", etc., is given in "An Introduction to Farm Management Analysis". It may be worth repeating that "Farm Profit" is the amount available for the farmer and wife for their labour and management, and as a return on their tenant's capital. It assumes that any other family labour has been paid at the statutory wage rates.

The item "Sundries" in Production needs some explanation. This includes miscellaneous cash receipts such as those for the hire of equipment together with imputed figures meant to represent the value of certain perquisites enjoyed by the farmer. These perquisites consist of farm produce (milk, eggs, etc.) consumed in the farmhouse, together with farm stores such as paraffin used for private purposes; a figure representing the value of the house; and one representing the value of the private use of the car. The farm produce and farm stores are valued at wholesale prices and are the largest item: the other two items are in most cases valued so cheaply that for practical purposes they can be ignored. In the Dairy (Better Land) 50—99 acre group, for example, the average figure of £115 per farm is made up as follows:

Farm Produce and Farm Stores consu	med ir	n house	·	£ 74
Imputed Value of use of house				9
				13
Other Receipts	• •	• •		19
Tota	ıl Sund	ries		115

The miscellaneous cash receipts (the main item in "Other Receipts" above) are relatively unimportant on the smaller farms but can average as much as £200 on the largest farms. The value of perquisites does not vary greatly with the size of farm.

Thus when comparing the average Production figures with those on individual farms it can be assumed that the total value of Production as obtained from normal farm accounts (Receipts minus Expenditure plus Valuation change) is comparable, on small farms, with Total Production, as shown in the tables, minus Sundries. Moreover, when interpreting the levels of Farm Profit it must be remembered that the farmer, in effect, gets the use of his house at a nominal rent and that the private use of the car is also valued very cheaply. On the other hand the Farm Profit has to provide a return on his tenant's capital. In very round figures it seems reasonable to say that a Farm Profit of £500 means a living wage, one of £1,000 means a good income, and one of £2,000 means a very good income.

DAIRY FARMS (BETTER LAND) 1957/58

20-49 acres

		Per I	arm	Per 100) acres
		Average	Above Average	Average	Above Average
Number of Farms		30	10		-
Average Size (acres): Actual Adjusted		40.6 40.2	40.6 40.5		
Elevation (feet)		300—370	360—470		
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies		£ 309 58 246 463 58 1,928 113 22	£ 387 100 319 810 18 2,386 100	£ 767 144 612 1,152 145 4,794 281 55	£ 955 248 788 1,999 46 5,891 247 37
Total Production	••	3,197	4,135	7,950	10,211
Costs: Rent Purchased Food Fertilisers Seeds Implements and Power Contract Work Sundries Labour	::	£ 136 1,182 114 25 387 37 220 247	£ 141 1,752 98 15 355 32 252 213	£ 337 2,939 284 61 964 91 547 615	£ 348 4,327 241 36 877 79 623 527
Total Costs		2,348	2,858	5,838	7,058
Farm Profit		849	1,277	2,112	3,153
Stocking: (Cow Units) Cows Other Cattle Sheep Total		No. 15.9 6.2 0.8	No. 16.0 6.7 1.3	No. 39.5 15.6 2.0	No. 39.5 16.5 3.3
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry		6.5 1.8 225.2	10.8 2.4 351.3	16.2 4.6 560.0	26.8 5.9 867.5
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Grazin	 g	Acres 2.7 2.8 15.6 19.1	Acres 2.0 1.5 14.9 22.1	Acres 6.8 6.9 38.8 47.5	Acres 4.8 3.7 36.9 54.6
Milk Yield per Cow (gallons) Milk Sales per Cow (£)	·	842 121	978 149		_

DAIRY FARMS (BETTER LAND) 1957/58

50-99 acres

		Per	Farm	Per 10	00 acres
		Average	Above Average	Average	Above Average
Number of Farms		24	8	_	
Average Size (acres): Actual Adjusted		77.8 76.1	74.4 73.4		
Elevation (feet)		370—460	330—480	_	_
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies		£ 465 184 394 323 57 2,464 114 39	£ 570 284 382 485 65 2,629 115 42	£ 611 242 518 425 75 3,239 151 51	£ 776 387 520 660 89 3,579 157 57
Total Production		4,040	4,572	5,312	6,225
Costs: Rent Purchased Food Fertilisers Seeds Implements and Power Contract Work Sundries Labour		£ 185 1,418 138 56 512 53 268 460	£ 189 1,567 99 59 487 64 194 325	£ 243 1,864 182 74 674 70 352 604	£ 257 2,133 134 80 664 88 265 442
Total Costs		3,090	2,984	4,063	4,063
Farm Profit	• • •	950	1,588	1,249	2,162
Stocking: (Cow Units) Cows		No. 21.7 10.4 3.0	No. 21.4 10.5 3.1	No. 28.5 13.7 3.9	No. 29.2 14.2 4.7
(Actual Numbers) Breeding Ewes		23.1 3.7 194.0	23.7 3.6 276.6	30.4 4.9 255.1	32.3 4.9 376.6
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Grazi	 ng	4 Acres 7.9 4.7 24.9 38.6	Acres 6.5 3.3 23.2 40.4	Acres 10.3 6.2 32.9 50.6	Acres 8.9 4.4 31.6 55.1
Milk Yield per Cow (gallon Milk Sales per Cow (£)	s)	789 114	884 123	_	

DAIRY FARMS (BETTER LAND) 1957/58 100—199 acres

	Per F	arm	Per 100 acres		
	Average	Above Average	Average	Above Average	
Number of Farms	25	8	_	_	
Average Size (acres): Actual	144.1 140.0	149.0 145.3			
Elevation (feet)	270—430	260—450			
Production: Cattle	178	£ 938 710 918 211 114 4,702 202 61	£ 611 305 361 172 105 2,782 127 59	£ 646 489 631 145 78 3,236 139 42	
Total Production	6,332	7,856	4,522	5,406	
Costs: Rent Purchased Food Fertilisers Seeds Implements and Power Contract Work Sundries Labour	1,940 259 97 793 87	£ 420 2,305 291 106 830 61 451 1,142	£ 250 1,385 185 69 566 62 327 714	£ 289 1,586 200 73 572 42 310 786	
Total Costs	. 4,982	5,606	3,558	3,858	
Farm Profit	. 1,350	2,250	964	1,548	
Other Cattle	No. 35.9 22.5 8.5	No. 40.5 25.1 15.7	No. 25.7 16.0 6.1	No. 27.9 17.3 10.8	
Total · · ·	. 66.9	81.3	47.8	36.0	
Breeding Pigs	61.1	110.9 5.1 133.6	43.7 2.6 108.6	76.3 3.5 92.0	
Cropping: Corn	Acres 15.0 5.5 45.8 73.7	Acres 17.5 5.8 46.0 76.0	Acres 10.7 4.0 32.7 52.6	Acres 12.0 4.0 31.7 52.3	
Wilk Tick per con (ganton)	777 108	819 116		-	

DAIRY FARMS (BETTER LAND) 1957/58

200 acres and over

		Per	Farm	Per 10	00 acres
		Average	Above Average	Average	Above Average
Number of Farms	•	12	4	_	
Average Size (acres): Actual Adjusted		0-0-	273.5 259.0	_	
Elevation (feet)		250400	170—270	_	
Production: Cattle		£ 1,722 737 375 221 434 5,804 376 236	£ 1,726 628 —6* 308 563 4,975 158 262	£ 622 267 135 80 157 2,098 136 86	£ 667 243 —3* 119 217 1,921 61 101
Total Production	٠.	9,905	8,614	3,581	3,326
Costs: Rent Purchased Food Fertilisers Seeds Implements and Power Contract Work Sundries Labour		£ 551 2,168 684 261 1,419 69 821 1,875	£ 433 1,453 647 163 1,171 60 448 1,284	£ 199 783 247 95 513 25 297 678	£ 167 561 250 63 452 23 173 496
Total Costs		7,848	5,659	2,837	2,185
Farm Profit	• • •	2,057	2,955	744	1,141
Stocking: (Cow Units) Cows Other Cattle Sheep Total		No. 50.4 40.1 10.4	No. 43.6 35.9 13.6	No. 18.2 14.5 3.8	No. 16.8 13.9 5.2
(Actual Numbers) Breeding Ewes Breeding Pigs		78.5 2.4 161.3	94.4 239.5	28.4 0.9 58.3	35.9 36.4 92.5
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Grazing		Acres 39.4 18.8 74.9 143.6	Acres 33.3 17.2 77.8 130.7	Acres 14.2 6.8 27.1 51.9	Acres 12.8 6.7 30.0 50.5
Milk Yield per Cow (gallons) Milk Sales per Cow (£)		809 115	847 114		

^{*}This curious minus figure arises because the pigs were generally killed for the farmer's own use. Their value has therefore been included under "Sundries" instead of under "Pigs".

DAIRY FARMS (POOR LAND) 1957/58

20-49 acres

		Per Farm		Per 100 acres		
	-	Average	Above Average	Average	Above Average	
Number of Farms		18	6	. —		
Average Size (acres): Actual Adjusted		43.7 36.1	47.2 40.7	_	<u> </u>	
Elevation (feet)		500640	560—660			
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies		£ 147 80 75 100 35 874 70 34	£ 141 147 18 82 68 1,160 66 40	£ 408 221 209 276 98 2,423 194 93	£ 346 362 44 201 168 2,849 161 98	
Total Production		1,415	1,722	3,922	4,229	
Costs: Rent		£ 69 414 68 32 217 18 110	£ 72 363 110 37 284 10 106 122	£ 193 1,147 190 88 601 49 306 446	£ 177 891 269 91 698 23 262 301	
Total Costs		1,089	1,104	3,020	2,712	
Farm Profit	• • • • • • • • • • • • • • • • • • • •	326	618	902	1,517	
Stocking: (Cow Units) Cows		No. 9.7 2.8 1.7	No. 11.5 2.0 1.7	No. 26.9 7.7 4.6	No. 28.2 4.9 4.2 37.3	
Total	• •	14.2	13.2	39.2		
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry	• •	0.9	18.0 0.3 43.3	48.5 2.5 169.2	44.2 0.8 106.4	
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Grazing	· ·	12.6	Acres 3.8 3.2 14.3 19.4	Acres 8.0 5.5 35.0 51.5	Acres 9.4 7.8 35.3 47.5	
Milk Yield per Cow (gallons) Milk Sales per Cow (£)	<u>:</u>	664	737 101			

DAIRY FARMS (POOR LAND) 1957/58 50—99 acres

		Per I	arm	Per 100 acres		
		Average	Above Average	Average	Above Average	
Number of Farms		20	7	_		
Average Size (acres): Actual Adjusted		84.5 73.6	98.7 82.2	=		
Elevation (feet)		500—720	430—690			
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies		£ 262 216 14 137 31 1,382 87 53	£ 248 438 28 206 75 1,789 93 49	£ 356 294 18 187 42 1,879 118 73	£ 301 532 35 250 92 2,176 113 60	
Total Production		2,182	2,926	2,967	3,559	
Costs: Rent		£ 82 527 126 40 353 44 159 280	£ 90 791 140 46 407 60 214 209	£ 111 717 172 55 480 60 216 380	£ 110 962 170 57 494 73 260 255	
Total Costs		1,611	1,957	2,191	2,381	
Farm Profit	· · ·	571	969	776	1,178	
Stocking: (Cow Units) Cows Other Cattle Sheep Total		No. 14.7 5.6 3.5	No. 16.0 5.2 7.2	No. 20.0 7.6 4.8	No. 19.5 6.3 8.9	
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry		35.9 0.2 73.9	67.5 0.1 86.0	48.7 0.2 100.4	82.0 0.2 104.6	
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Grazing		Acres 6.6 5.0 19.4 42.6	Acres 6.7 4.3 22.0 49.2	Acres 9.0 6.6 26.4 58.0	Acres 8.1 5.2 26.7 60.0	
Milk Yield per Cow (gallons) Milk Sales per Cow (£)	• •	677 94	779 112			

DAIRY FARMS (POOR LAND) 1957/58 100—199 acres

		Per Farm		Per 100 acres		
		Average	Above Average	Average	Above Average	
Number of Farms		12	4			
1101444		149.2 126.5	147.6 133.6			
Elevation (feet)		410—640	350—530			
Sheep and Wool Pigs		£ 482 528 39 310 146 2,150 152 83	£ 696 588 103 629 61 2,633 204 92	£ 381 417 30 245 116 1,699 120 66	£ 521 440 77 471 46 1,971 152 69	
Total Production		3,890	5,006	3,074	3,747	
Costs: Rent Purchased Food Fertilisers Seeds Implements and Power Contract Work Sundries Labour		£ 154 1,004 130 65 565 30 249 508	£ 165 1,565 133 48 621 22 265 567	£ 122 793 103 51 446 24 197 402	£ 123 1,171 100 36 465 16 199 424	
Total Costs		2,705	3,386	2,138	2,534	
Farm Profit		1,185	1,620	936	1,213	
Stocking: (Cow Units) Cows Other Cattle Sheep		No. 21.6 12.6 9.6	No. 24.0 15.6 12.7	No. 17.1 9.9 7.6	No. 18.0 11.7 9.4	
Total		43.8	52.3	34.6	39.1	
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry	•••	0.4	103.9 1.1 207.2	62.3 0.3 101.0	77.7 0.8 155.1	
Cropping: Corn	• •	8.1	Acres 9.0 5.4 34.0 85.2	Acres 8.0 6.4 29.1 56.5	Acres 6.7 4.1 25.4 63.8	
Milk Yield per Cow (gallons) Milk Sales per Cow (£)	•	. 716 . 100	803 110			

DAIRY FARMS (POOR LAND) 1957/58

200 acres and over

			Per Farm		Per 100 acres		
			Farm A	Farm B	Farm A	Farm I	
Average Size (acres):					<u> </u>		
Actual			311.0	200	_	_	
Adjusted	••	• •	234.0	200	_	_	
Elevation (feet)		• •	650—900	600—900	_		
Production:			£	£	£	£	
Cattle		• • •	1,412	793	603	397	
Sheep and Wool Pigs	• •	••	939	1,147	401	574	
Poultry and Eggs	• •	• •	150	-30*	64	-15*	
Crops	• •	• •	1,676 93*	319	716	159	
Milk	• • •	• •	4,700	—103* 3,075	-40* 2,009	—52* 1.539	
Sundries			228	137	98	1,538	
Subsidies	• • •		507	388	217	68 194	
•••	• •					194	
Total Production	••	•••	9,519	5,726	4,068	2,863	
Costs:			£	£	£	£	
Rent Purchased Food	• •		658	337	281	169	
Fertilisers	• •	• •	2,359	1,898	1,008	949	
a 1	• •	• •	715	151	306	75	
Seeds Implements and Po		• •	101	64	43	32	
Contract Work		• • •	1,055 345	551 14	451	276	
Sundries	• •	• • •	583	334	148 249	7 167	
Labour	• • •		1,466	1,159	626	579	
Total Costs			7,282	4,508	3,112	2,254	
Farm Profit			2,237	1,218	956	609	
Stocking:							
(Cow Units)		-	No.	No.	No.	No.	
Cows			43.0	36.5	18.4	18.3	
Other Cattle	• • •		38.3	27.5	16.4	13.7	
Sheep	••		21.2	17.7	9.0	8.9	
Total			102.5	81.7	43.8	40.9	
(Actual Numbers)		-					
Breeding Ewes			149.0	159.5	63.7	79.8	
Breeding Pigs	• • •				05.7	17.0	
Poultry			453.5	100.0	193.8	50.0	
Cropping:			Acres	Acres	Acres	Acres	
Corn			5.5	7.5	2.4	3.8	
Roots and Fodder (Crops		11.0	3.0	4.7	1.5	
Hay and Silage		- 1	118.5	45.0	50.6	22.5	
Pasture and Rough	Grazing		99.0	144.5	42.3	72.2	
Milk Yield per Cow (gallons)		767	616			
Milk Sales per Cow (£	:)		109	84		-	

Note.—This "group", which in the previous year consisted of 3 farms, has now been reduced to 2. With this number the results obviously cannot be taken as representative but the results of the two farms are given as a matter of interest.

^{*}These minus figures arise in the one case because the pigs were mainly killed for the farmer's own use and so are included under "Sundries", and in the other case because the value of hay on hand at the end of the year was less than at the beginning. (See definition of "Production" in text.)

MIXED FARMS (BETTER LAND) 1957/58 20—99 acres .

	Per F	arm	Per 100	acres
	Average	Above Average	Average	Above Average
Number of Farms .	 14	5		
	 69.0 61.4	82.2 72.6	_	
Elevation (feet)	 360—470	270—350		
Sheep and Wool Pigs Poultry and Eggs	 £ 438 237 243 636 126 1,349 150 87	£ 443 267 142 1,019 200 1,926 154 145	£ 714 386 396 1,035 205 2,196 244 142	£ 610 367 195 1,402 276 2,651 212 201
Total Production	 3,266	4,296	5,318	5,914
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Power Contract Work Sundries Labour	 54 222 260	£ 224 1,276 146 84 558 72 268 357	£ 263 1,855 191 96 722 88 361 438	£ 308 1,756 201 116 768 100 369 491
Total Costs	 2,465	2,985	4,014	4,109
Farm Profit	 . 801	1,311	1,304	1,805
Stocking: (Cow Units) Cows Other Cattle Sheep	 8.1	No. 17.5 7.4 4.6	No. 24.2 13.3 6.2	No. 24.1 10.2 6.3
Total	 . 26.8	29.5	43.7	40.6
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry	 . 1.5	33.7 0.9 488.7	50.3 2.5 509.2	46.4 1.2 672.7
Cropping: Corn Roots and Fodder Cr Hay and Silage Pasture and Rough G	 Acres 7.4 3.4 18.1 32.5	Acres 6.9 5.2 25.3 35.2	Acres 12.1 5.6 29.5 52.8	Acres 9.5 7.2 34.9 48.4

MIXED FARMS (BETTER LAND) 1957/58 100—199 acres

		Per	Farm	Per 10	00 acres
		Average	Above Average	Average	Above Average
Number of Farms		13	4		
Average Size (acres):					
Actual		178.2	157.8	_	
Adjusted	• •	151.7	153.3		
Elevation (feet)		390—500	390—430		1
Production:		£	£	£	£
Cattle		1,025	1,378	675	899
Sheep and Wool		1,016	1.023	670	667
Pigs		196	365	130	238
Poultry and Eggs		304	421	200	275
Crops		830	460	547	300
Milk		1,875	1,875	1,236	1,224
Sundries		169	165	111	108
Subsidies	• •	169	260	112	170
Total Production		5,584	5,947	3,681	3,881
Costs:		£	£	£	£
Rent		243	254	160	166
Purchased Foods		1,054	991	695	647
Fertilisers		294	216	193	141
Seeds		214	153	141	100
Implements and Power	• • •	617	734	407	479
Contract Work	••	85	62	56	40
Sundries		300	281	198	183
Labour	• •	878	811	579	529
Total Costs		3,685	3,502	2,429	2,285
Farm Profit	• •	1,899	2,445	1,252	1,596
Stocking:					
(Cow Units)		No.	No.	No.	No.
Cows		22.6	24.4	14.9	15.9
Other Cattle		19.9	25.4	13.1	16.6
Sheep	••	17.3	15.0	11.4	9.8
Total		59.8	64.8	39.4	42.3
(Actual Numbers)					
Breeding Ewes		117.9	102.1	77.7	66.6
Breeding Pigs		1.4	2.2	0.9	1.5
Poultry	• •	153.8	191.6	101.4	125.0
Cropping:		Acres	Acres	Acres	Acres
Corn		21.7	28.5	14.3	18.6
Roots and Fodder Crops	!	10.4	5.1	6.8	3.3
Hay and Silage Pasture and Rough Grazing		33.2	36.1	21.9	23.5
		86.4	83.6	57.0	54.6

MIXED FARMS (BETTER LAND) 1957/58 200 acres and over

			Per Farm		Per 100	acres
			Average	Above Average	Average	Above Average
Number of Farms	• •		11	4		
Average Size (acres): Actual Adjusted			323.0 297.3	307.8 292.0	_	
Elevation (feet)			370—640	380—460		
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies			£ 2,033 1,584 1,277 713 1,274 3,318 361 455	£ 2,030 1,963 668 542 2,521 3,375 446 261	£ 684 533 430 240 428 1,116 121 153	695 672 229 186 863 1,156 153 89
Total Production			11,015	11,806	3,705	4,043
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Pow Contract Work Sundries Labour	 ver 		£ 671 2,576 585 444 1,358 91 789 2,356	£ 469 1,887 816 651 1,299 61 756 2,118	£ 226 867 197 149 457 31 265	£ 160 646 280 223 445 21 259 725
Total Costs			8,870	8,057	2,984	2,759
Farm Profit	••		2,145	3,749	721	1,284
Stocking: (Cow Units) Cows			No. 44.5 39.1 28.2	No. 36.9 41.3 32.5	No. 15.0 13.1 9.5	No. 12.6 14.2 11.1
Total			111.8	110.7	37.6	37.9
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry			6.9	209.8 5.4 209.4	66.6 2.3 104.9	71.8 1.8 71.7
Cropping: Corn Roots and Fodder Hay and Silage Pasture and Rough		ng .	19.9	Acres 46.5 27.6 62.0 155.9	Acres 15.5 6.7 25.1 52.7	Acres 15.9 9.4 21.3 53.4

MIXED FARMS (POOR LAND) 1957/58 20—99 acres

			Per 1	Farm	Per 10	00 acres
			Average	Above Average	Average	Above Average
Number of Farms			21	7		· •
Average Size (acres):						
Actual Adjusted	• •	• •	128.3	105.3		_
	••		78.4	81.2		
Elevation (feet)	• •	• •	570—820	520—830		
Production:			£	£	£	£
Cattle	••,	• •	364	459	465	566
Sheep and Wool Pigs	• •	• •	474	606	605	747
Poultry and Eggs	• •	• • •	56	56	72	69
Crops	• •	• •	237	161	302	198
N.4:11-	• •	• • •	55 656	64	70	78
Sundries	• •	• • •	93	872	837	1,074
Subsidies	• •	• • •	113	98	118	121
	• •	• •		137	145	169
Total Production	• •	•••	2,048	2,453	2,614	3,022
Costs:			£	£	£	· £
Rent			76	88	97	108
Purchased Foods			432	345	552	425
Fertilisers	• •		74	89	94	110
Seeds			33	45	42	56
Implements and Pow	/er	• • •	316	315	404	388
Contract Work	• •	• • •	28	34	35	42
Sundries	• • •	• • •	125	136	159	167
Labour	••	••	337	359	430	442
Total Costs	••	••	1,421	1,411	1,813	1,738
Farm Profit		• .	627	1,042	801	1,284
Stocking:			-	•		
(Cow Units)			No.	No.	No.	No.
Cows	• •	••	10.3	13.0	13.2	16.0
Other Cattle	• •	••	8.0	8.1	10.2	10.0
Sheep	• •	• • •	12.0	12.6	15.3	15.2
Total	••	••	30.3	33.7	38.7	41.2
(Actual Numbers)						
Breeding Ewes			105.8	101.2	135.0	124.7
Breeding Pigs	• •	••	0.3	0.4	0.4	0.5
Poultry	••	,.	122.6	102.5	156.5	126.3
Cropping:			Acres	Acres	Acres	Acres
Corn	• •		7.2	9.1	9.1	11.3
Roots and Fodder C	rops		2.2	3.2	2.8	3.9
Hay and Silage	_ ••		19.9	20.0	25.4	24.6
Pasture and Rough (¬:	z	49.1	48.9	62.7	60.2

MIXED FARMS (POOR LAND) 1957/58 100—199 acres

			Per F	arm	Per 100	acres
		-	Average	Above Average	Average	Above Average
Number of Farms			30	10		
Average Size (acres): Actual Adjusted			290.7 150.9	258.1 153.0	_	=
Elevation (feet)			620—1050	500—1020		
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies			£ 583 1,096 44 179 30 845 116 120	£ 718 1,415 30 60 24 1,164 113 133	£ 386 726 29 119 20 560 77 79	£ 469 925 20 39 16 761 74 87
Total Production		[3,013	3,657	1,996	2,391
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Pov Contract Work Sundries Labour	 ver 		£ 139 633 113 53 433 22 205 627	£ 176 468 153 70 571 34 233 565	£ 92 419 75 35 287 15 136 415	£ 115 306 100 46 373 23 152 369
Total Costs			2,225	2,270	1,474	1,484
Farm Profit			788	1,387	522	907
Stocking: (Cow Units) Cows Other Cattle Sheep	••		No. 12.3 12.6 26.3	No. 13.9 14.2 26.5	No. 8.2 8.3 17.4	No. 9.1 9.3 17.9
Total			51.2	54.6	33.9	36.3
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry		./. 	0.3	240.4 0.3 47.7	159.4 0.2 57.6	157.2 0.2 31.2
Cropping: Corn Roots and Fodder Hay and Silage Pasture and Rough		ng	Acres 7.9 4.9 25.2 112.9	Acres 9.6 7.6 26.4 109.4	Acres 5.2 3.2 16.7 74.9	Acres 6.3 4.9 17.3 71.5

MIXED FARMS (POOR LAND) 1957/58

200 acres and over

			Per F	arm	Per 100	acres
			Average	Above Average	Average	Above Average
Number of Farms			11 .	4		
Average Size (acres): Actual Adjusted			542.1 277.4	482.4 292.9		_
Elevation (feet)			550—1290	490—810	_	
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies			£ 725 1,680 96 149 115 935 203 177	£ 1,246 1,943 278 230 233 1,469 311 291	£ 261 606 35 54 41 337 73 64	£ 425 663 95 79 79 502 106 100
Total Production			4,080	6,001	1,471	2,049
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Pow Contract Work Sundries Labour	er		£ 182 762 179 54 533 78 254 654	£ 230 1,030 323 107 820 68 343 883	£ 66 275 64 20 192 28 92 235	£ 79 352 110 36 280 23 117 302
Total Costs			2,696	3,804	972	1,299
Farm Profit			1,384	2,197	499	750
Stocking: (Cow Units) Cows Other Cattle Sheep	,		No. 15.9 16.5 46.2	No. 23.4 27.6 40.5	No. 5.7 6.0 16.6	No. 8.0 9.4 13.9
Total		•	78.6	91.5	28.3	31.3
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry			401.0 0.7 98.0	397.5 2.0 133.6	143.8 0.3 35.3	135.7 0.7 45.6
Cropping: Corn Roots and Fodder C Hay and Silage Pasture and Rough	• • •	 g	Acres 9.8 7.0 33.6 227.0	Acres 16.6 14.2 48.8 213.3	Acres 3.5 2.5 12.1 81.9	Acres 5.7 4.8 16.6 72.9

LIVESTOCK REARING FARMS (BETTER LAND) 1957/58 20—99 acres

		Per F	arm	Per 100	acres
•		Average	Above Average	Average	Above Average
Number of Farms		15	5	_	
Average Size (acres): Actual Adjusted		82.1 68.1	69.9 65.7		
Elevation (feet)	•••	500710	550—750		
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies		£ 641 629 129 233 88 8 114 202	£ 650 672 196 394 203 23 201 207	£ 943 925 189 342 129 12 167 296	£ 990 1,023 298 600 309 36 306 316
Total Production		2,044	2,546	3,003	3,878
Costs: Rent	•••	148	£ 114 437 58 78 328 24 139 296	£ 177 498 116 81 452 60 218 389	£ 173 665 89 119 500 37 211 451
Total Costs		1,355	1,474	1,991	2,245
Farm Profit		689	1,072	1,012	1,633
Stocking: (Cow Units) Cows		8.8	No. 9.1 6.6 11.2	No. 10.3 12.9 15.6	No. 13.9 10.0 17.0
Total	٠.	26.4	26.9	38.8	40.9
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry	• •	0.5	78.2 0.7 208.9	109.4 0.7 208.9	119.1 1.1 318.2
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Graz		Acres 6.7 3.9 16.9 40.6	Acres 7.0 5.3 14.8 38.6	Acres 9.9 5.7 24.8 59.6	Acres 10.6 8.1 22.5 58.8

LIVESTOCK REARING FARMS (BETTER LAND) 1957/58 100—199 acres

		Per	Farm	Per 10	00 acres
		Average	Above Average	Average	Above Average
Number of Farms		23	8	-	
Average Size (acres):					
Actual		171.9	170.6		
Adjusted	••	148.3	145.6	*****	
Elevation (feet)	••	640—920	780—1040	_	_
Production:		£	£	£	£
Cattle	• • • • •	1,344	1,551	906	1,065
	• • • • •	1,444	1,807	974	1,240
Pigs		132	181	89	124
Poultry and Eggs	• • • •	206	292	139	201
Crops	• • • • •	112	181	75	125
Cundries	• • • •	10	5	_7	3
Subsidies	• • • •	141	171	95	117
	• • • • • •	324	377	. 219	259
Total Production	•••••	3,713	4,565	2,504	3,134
Costs:		£	£	£	£
Rent Purchased Foods	•• ••	246	260	166	179
T ('1'	•• ••	337	385	227	264
Seeds	••	189	180	127	124
Implements and Power	••	96 490	105	65	72
Contract Work	••	69	506 30	331 46	348
Sundries		286	262	193	21 179
Lohoum		531	544	358	373
Total Costs		2,244	2,272	1,513	1,560
Farm Profit		1,469	2,293	991	1,574
Stocking:				· · ·	
(Cow Units)		No.	No.	No.	No.
Cows		15.4	17.4	10.4	12.0
Other Cattle		16.7	18.0	11.3	12.3
Sheep		22.6	26.0	15.1	17.9
Total		54.7	61.4	36.8	42.2
(Actual Numbers)					
Breeding Ewes		161.5	186.6	108.9	128.1
Breeding Pigs		1.3	2.2	0.9	1.5
Poultry	• • •	124.3	177.1	83.8	121.6
Cropping:		Acres	Acres	Acres	Acres
Corn		14.8	17.2	10.0	11.8
Roots and Fodder Crop	s	8.5	10.6	5.7	7.3
Hay and Silage	•. ••	32.0	29.5	21.6	20.2
Pasture and Rough Gra	zing	93.0	88.3	62.7	60.7

LIVESTOCK REARING FARMS (BETTER LAND) 1957/58 200 acres and over

			Per F	arm	Per 100 acres		
			Average	Above Average	Average	Above Average	
lumber of Farms		16	5	_			
Average Size (acres): Actual			319.9 293.1	320.2 300.4		_	
Elevation (feet)			530—750	730—950	_		
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries			£ 2,254 2,562 475 236 1,176 — 214	£ 2,105 3,563 272 259 425 — 194	£ 769 874 162 81 401 — 73 148	£ 701 1,186 90 86 142 — 65 185	
Subsidies Total Production	•••		7,351	7,375	2,508	2,455	
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Pow Contract Work Sundries Labour	 /er 		£ 463 795 412 204 957 58 432 1,449	£ 374 517 268 174 799 62 357 1,091	£ 158 271 140 70 326 20 148 494	£ 125 172 89 58 266 21 119 363	
Total Costs		• •	4,770	3,642	1,627	1,213	
Farm Profit	• •		2,581	3,733	881	1,242	
Stocking: (Cow Units) Cows Other Cattle Sheep			No. 27.0 37.3 35.6	No. 25.1 27.7 39.2	No. 9.2 12.7 12.1	No. 8.4 9.2 13.0	
Total			99.9	92.0	34.0	30.6	
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry		••	237.2 2.0 130.1	310.2 2.9 187.3	80.9 0.7 44.4	103.3 1.0 62.4	
Cropping: Corn Roots and Fodder O Hay and Silage Pasture and Rough		 ng	59.2	Acres 33.3 30.9 63.8 172.4	Acres 15.2 8.2 20.1 56.5	Acres 11.1 10.3 21.2 57.4	

LIVESTOCK REARING FARMS (POOR LAND) 1957/58 20—99 acres

		Per	Farm	Per	100 acres
		Average	Above Average	Average	Above Average
Number of Farms	٠.	22	7		
Average Size (acres): Actual Adjusted		116.9 66.6	97.5 67.3		<u>-</u>
Elevation (feet)	• •	680—990	730—1030		
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies		£ 361 487 7 184 24 11 82 134	£ 537 6482* 379 48 1 114 162	£ 541 730 10 276 37 16 124 201	£ 797 963 —2* 563 72 2 169 241
Total Production	•••	1,290	1,887	1,935	2,805
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Power Contract Work Sundries Labour		£ 65 245 33 22 185 18 99 201	£ 70 347 62 33 323 21 141 249	£ 97 368 49 33 278 27 149 301	£ 104 516 92 49 479 32 209 371
Total Costs		868	1,246	1,302	1,852
Farm Profit	• •	422	641	633	953
Stocking: (Cow Units) Cows Other Cattle Sheep		No. 5.8 5.5 9.8	No. 7.3 7.6 10.3	No. 8.7 8.3 14.7	No. 10.8 11.4 15.2
Total		21.1	25.2	31.7	37.4
(Actual Numbers) Breeding Ewes Breeding Pigs	•	90.6 97.8	76.1 0.1 203.6	136.1 0.1 146.7	113.0 0.2 302.3
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Grazing		Acres 4.2 2.4 15.5 44.5	Acres 7.0 3.5 17.5 39.3	Acres 6.3 3.5 23.4 66.8	Acres 10.3 5.3 26.0 58.4

^{*}This minus figure arises because the pigs were mainly killed for the farmer's own use.

LIVESTOCK REARING FARMS (POOR LAND) 1957/58 100—199 acres

		Per Fa	arm	Per 100	acres
		Average	Above Average	Average	Above Average
Number of Farms		32	11 ,		
1 Lottaur		248.3 138.9	208.9 144.2		
		610—1210	520—1190	_	
Cuttie	• • • • • • • • • • • • • • • • • • • •	£ 622 1,162 29 157 42 80 108 191	£ 846 1,496 75 313 86 108 125 219	£ 448 837 21 113 30 57 78 138	£ 587 1,038 52 217 59 75 87 152
Total Production		2,391	3,268	1,722	2,267
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Power Contract Work Sundries Labour		£ 116 354 88 37 312 29 158 465	£ 164 418 125 47 366 45 200 560	£ 83 255 63 27 225 21 114 335	£ 114 290 87 33 254 31 138 388
Total Costs		1,559	1,925	1,123	1,335
Farm Profit		832	1,343	599	932
Stocking: (Cow Units) Cows Other Cattle Sheep		No. 8.3 10.2 25.3	No. 9.5 13.7 27.4	No. 5.9 7.4 18.2	No. 6.6 9.5 19.0
Total		43.8	50.6	31.5	35.1
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry		220.7 0.2 99.3	230.0 0.5 157.2	158.9 0.1 71.5	159.6 0.4 109.0
Cropping: Corn Roots and Fodder Crops Hay and Silage Pasture and Rough Grazing	, 	Acres 7.3 4.8 20.7 106.1	Acres 9.6 7.8 22.5 104.3	Acres 5.2 3.5 14.9 76.4	Acres 6.6 5.4 15.7 72.3

LIVESTOCK REARING FARMS (POOR LAND) 1957/58 200 acres and over with under 80% Rough Grazing

			Per l	Farm	Per 10	00 acres
			Average	Above Average	Average	Above Average
Number of Farms	••	• •	12	4		
Average Size (acres): Actual Adjusted		••	600.8 345.0	750.9 434.5		
Elevation (feet)	••		700—1250	850—1390		
Production: Cattle Sheep and Wool Pigs Poultry and Eggs Crops Milk Sundries Subsidies		•••	£ 1,214 2,637 22 93 92 48 166 403	£ 1,593 3,861 17 134 140 118 222 667	£ 352 765 6 27 26 14 48 117	£ 366 889 4 31 32 27 51 154
Total Production	••		4,675	6,752	1,355	1,554
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Powe Contract Work Sundries Labour	 er 		£ 250 502 222 125 535 35 279 951	£ 362 635 319 205 656 32 341 1,213	£ 72 145 65 36 155 10 81 276	£ 83 146 74 47 151 7 79 279
Total Costs	• •	• •	2,899	3,763	840	866
Farm Profit			1,776	2,989	515	688
Stocking: (Cow Units) Cows Other Cattle Sheep			No. 18.6 22.0 62.1	No. 29.5 20.9 82.1	No. 5.4 6.4 18.0	No. 6.8 4.8 18.9
Total	• •		102.7	132.5	29.8	30.5
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry			520.3 0.6 26.1	664.0 0.8 111.1	150.8 0.2 22.1	152.8 0.2 25.6
Cropping: Corn Roots and Fodder Cro Hay and Silage Pasture and Rough G	_		Acres 14.0 17.0 38.1 275.9	Acres 20.8 26.6 51.3 335.8	Acres 4.0 4.9 11.1 80.0	Acres 4.8 6.1 11.8 77.3

LIVESTOCK REARING FARMS (POOR LAND) 1957/58

200 acres and over with over 80% Rough Grazing

			Per Farm		Per 100 acres	
			Average	Above Average	Average	Above Average
Number of Farms			13	5		
Average Size (acres): Actual Adjusted			1274.1 486.7	1206.8 480.1		
Elevation (feet)			660—1770	480—1750		
Production: Cattle			£ 539 2,759 —6* 83 23 35 112 227	£ 588 3,469 —2* 193 59 — 134 319	£ 110 567 —1* 17 5 7 23 47	£ 122 723 — 40 12 — 28 66
Total Production			3,772	4,760	775	991
Costs: Rent Purchased Foods Fertilisers Seeds Implements and Pow Contract Work Sundries Labour	 er 		£ 164 781 74 29 464 12 268 551	£ 257 670 99 53 551 11 333 654	£ 34 161 15 6 95 2 55 113	£ 54 139 21 11 115 2 69 136
Total Costs	•• ,		2,343	2,628	481	547
Farm Profit			1,429	2,132	294	444
Stocking: (Cow Units) Cows Other Cattle Sheep			106 1	No. 9.6 15.2 108.8	No. 1.8 2.8 21.8	No. 2.0 3.2 22.6
Total	••,		128.6	133.6	26.4	27.8
(Actual Numbers) Breeding Ewes Breeding Pigs Poultry		•	. 52.6	868.6 106.8	160.2	180.9
Cropping: Corn Roots and Fodder (Hay and Silage Pasture and Rough		ng .	1 0	Acres 7.4 13.6 28.1 431.0	Acres 0.8 1.0 4.7 93.5	Acres 1.6 2.8 5.9 89.7

^{*}These curious minus figures arise because the pigs were killed for the farmer's own use and so are included under "Sundries".