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Farm business analysis (pd)

WYE COLLEGE

(University of London)
GIANNINI FOUNDATION OF
AGRICULTURAL ECONOMICS
LITERARY
AUG 6 1976

Farm Business Statistics for South East England

Supplement for 1976

My College. FARM BUSINESS UNIT SCHOOL OF RURAL ECONOMICS AND RELATED STUDIES

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FOREWORD

This booklet presents average financial data for 1974-75 and 1973-74, and average physical data for 1974-75. Premium figures, calculated from the most profitable 50% of farms in each group, are also given for 1974-75. All the information is derived from the Farm Management Survey.

Before comparisons are made between 1973-74 and 1974-75 it should be noted that the samples of farms are not identical. Moreover since the accounting procedures for Enterprise Outputs and Variable Inputs changed between the two years, figures for these items are not available for 1973-74. Please refer to page 49 for precise definitions.

Since there are twenty-two farm type and size groups it is inevitable that some groups contain relatively few farms. Where there are less than about six per group, comparisons must be made only with considerable caution especially as there may be a large variation between farms within these groups. Small sample sizes for some groups represent the penalty of having a large number of narrowly defined groups selected from a total of about 200 farms. However this is preferred to the alternative of having fewer, more broadly defined groups with larger samples in each, but covering wider differences in enterprise combinations and farm size. Individual enterprise yields and outputs are presented as whole-survey averages on page 48.

We would like to thank the many farmers in Kent, Surrey and Sussex who have co-operated in the Survey and thus made possible this report.

J.P.G. WEBSTER April. 1976.

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Method of Farm Classification

The classification of farms is based on the relative contribution to the Total Standard Output of four main types of enterprise: Milk (i.e. Dairy Cows), Sheep plus Cattle, Pigs plus Poultry, and Arable (crops other than forage). The Standard Output figures for each enterprise are given on page 52.

- If over 60% of total Standard Output comes from a single one of the above four categories, the farm is classified in group 1, 2, 3, 4, 5, 6, 13, 15, 19, 20 or 21.
- If over 75% of total Standard Output comes from any two categories combined, and neither is less than 30%, most farms will be in groups 7, 8, 9, 10, 11, 16 or 22.
- If over 80% of total Standard Output comes from three categories combined, with none less than 20%, most farms will be in groups 12, 17 or 18.
- 4. If the Total Standard Output exceeds £45,000 and not less than 50% of it is derived from crops other than fruit and vegetables, farms are included in a separate group (14, large-scale: mainly arable).
- 5. The breakdown of Standard Output for each of these farm groups is given on the next page, together with the average farm size in acres, and the average Standard Output per acre which is an indication of the intensity of the system.

A small proportion of farms will not fit into any of these groups; such farms should be compared with standard from the group whose Standard Output is nearest. The standards can be "blended" if a farm is borderline between two groups, taking farm size into consideration also. The Standards are merely a guide.

Premium Farm figures are the averages for the 50% of farms showing the highest Management and Investment Income per acre and/or Return on Capital over the three-year period. Where, near the median, the two measures showed a different order of profitability, the Return on Capital order was normally taken. Occasionally, where differences between farms near the median were small, more than half the farms were used in order to derive the Premium figures - especially in the case of groups with only a small sample of farms.

Production Pattern for each Farm Type 1974/75

Farm Type	Av.	S.O. p.acre	% Star Milk	ndard S/C	Output P/P	from: Crops	Page
1. Predom.Milk - under 125 acres	. 81	215	87	13	_		4
2. Predom.Milk - 125 - 200 acs.	160	160	78	15	_	7	6
3. Predom.Milk - over 200 acs.	341	145	75	15	-	10	8
4. Predom.Arable - under 250 acs.	.148	120	2	16	6	76	10
5. Predom.Arable - 250 - 450 acs.	317	80	-	18	-	82	12
6. Predom.Arable - over 450 acs.	916	96	2	16	1	80	14
7. Milk & Arable - under 250 acs.	162	128	47	13	-	40	16
8. Milk & Arable - 250 - 450 acs.	379	121	49	17	-	34	18
9. Milk & Arable - over 450 acs.	778	107	44	14	-	42	20
10. Sh./Cattle & Ar under 250 acs.	150	68	1	47	3	49	22
11. Sh./Cattle & Ar over 250 acs.	410	70	-	43	-	57	24
12. Milk Sheep/Cattle and Arable	374	109	50	22	-	28	26 -
13. Predominantly Sheep/Cattle	204	69	_	75	2	23	28
14. Large-Scale: mainly Arable 1	225	- 95	2	13	1	84	30
15. Predominantly Pigs/Poultry	285	273	-	-	86	14	32
16. Arable and Pigs/Poultry	255	272	_	5	56	39	34
17. Sh./Cattle,Pigs/Poultry & Ar.	271	126	-	26	37	37	36
18. Milk, Pigs/Poultry & Arable	246	238	34	8	42	16	38
19. Intensive Arable - Fruit	189	230	-	3	1	96	40
20. Intensive Arable - Hops/Fruit	204	136	-	11	-	89	42
21. Intensive Arable - Field Veg.	273	122	-	-	-	100	44
22. Intensive Arable - Hops/Fruit & Milk	206	245	47	10	_	43	46

4

FINANCIAL RESULTS:	£ per	acre		Farm Type: Predominant	ly Milk	under 125	acres
	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974-75	Average 1973-74	Premi Farm 1974-
No. of Farm Records	8	9	4	INPUTS			
Average Acreage	81.0	82.0	61.1	Bought Feed	95.0	N.A.	94
ENTERPRISE OUT	PUTS			Home-Grown Feed	0.8	-	0
Dairy	187.8	N.A.	195.1	Other Livestock V.C.'s	12.3	-	11
Other Cattle	15.4	-	12.1	Seed (inc.Home-Grown)	1.0	-	0
Sheep & Wool	-	-	-	Fertilisers	7.7	<u> -</u>	5
Pigs	-	-	-	Crop Protection	0.5	-	0
Poultry & Eggs	-	-	_	Other Crop V.C.'s	0.9	-	0
				Casual Labour	5.4	-	2
Total Livestock	203.2	_	207.2	Contract Work	3:4	-	3
Cereals (inc. Straw)) -	-		Total Variable Costs	127.0		118
Fruit & Hops	_	_	-	Regular labour - paid	15.7	9.6	12
Other Crops	-	-	-	Regular labour - unpaid	20.1	16.2	25
Total Crops				Machinery Depreciation	7.9	8.4	10
TOTAL CLOPS				Fuel & Oil	6.9	5.1	7
Miscellaneous Receip	ots 4.5	-	6.3	Mach.Repairs, Veh.Tax			
Forage & Tillage	()0.7		()= 7	& Ins.	8.8	8.1	9
Valuation Changes	3(-)2.5	-	(-)5.3	Rent & Rates	13.5	12.7	12
Profit or Loss on Previous Year's				General Overhead Costs	7.8	8.8	7
Valuation	-			Total Fixed Costs	80.7	68.9	84
TOTAL ENTERPRISE OUTPUT	205.4	-	208.2	TOTAL INPUTS	207.7		202
NET OUTPUT	108.6	109.3	113.1				
GROSS MARGIN	78.4	84.3	89.6	•			

Premium Farms 1974-75

94.5 0.1 11.8 0.4 5.8 0.5 0.1 2.1 3.2 118.6 12.0 25.5 10.6 7.6

9.1 12.5 7.1 84.3 202.9

		re.ge 4-75	Average 1973-74	
PROFITABILITY				•
MANAGEMENT & INVESTMENT INCOME	(-)	2.3	15.4	5.3
NET FARM INCOME	:	16.4	30.2	28.0
RETURN ON TENANT'S CAPITAL	(-)	1.5%	11%	3.5%
TENANT'S CAPITAL				
Livestock	13	16.9	104.6	123.3
Crops and Cultivations		6.7	7.4	3.9
Stores, etc.]	16.5	10.2	20.1
Machinery & Equipment		53.5	40.8	72.2
TOTAL	19	93.6	163.0	219.6
DESCRIPTIVE STATISTICS			1974-75	
% of Land in: Cereals Hops & Fru			-	
Other Crop Forage Bare Fallo			100.0	
Grazing Livestock Units:		per 1	.00 ac.	As %
Dairy Cows Other Cattle Sheep			75.4 28.7 -	71.2 28.8
TOTAL		10	04.1	100.0

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Farm Type:	Predominantly	Milk	under	125	acres
	LI EUOMITHALI CI A	LITTE	unucı	127	ucr cb

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	205	208
Standard Output per acre (£)	215	227
Output From Forage per Farm Forage Acre (£)	183	189
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	76	86
Forage Acres per Grazing Livestock Unit	1.1	1.1
Adjusted Forage Acres per Grazing Livestock Unit	1.9	1.6
Gross Margin per £100 Labour (£)	179	222
Labour Cost per 100 Standard Man-Days (£)	597	581
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	684 521 295 542	673 566 315 668
Total	2042	2222
Gross Margin per £100 Machinery Costs (£)	335	366
Gross Margin per £100 Labour and Machinery $(£)$	117	131

FINANCIAL RESULTS:	£ per	acre	
	Average 1974-75	Average 1973-74	Premium Farms 1974-75
No. of Farm Records	10	11	5
Average Acreage	159.5	157.0	157.5
ENTERPRISE OU	rputs		
Dairy	138.3	-	148.6
Other Cattle	9.5	-	12.7
Sheep & Wool	-	-	-
Pigs	-	-	-
Poultry & Eggs	-	-	-
Total Livestock	147.8	-	161.4
Cereals (inc. Strav	7) 9.4	-	10.4
Fruit & Hops	-	-	-
Other Crops	0.2	-	0.3
Total Crops	9.6	-	10.8
Miscellaneous Rece	ipts 2.4	-	3.5
Forage & Tillage Valuation Change	es 2.1	-	4.0
Profit or Loss on Previous Year's Valuation			
TOTAL ENTERPRISI OUTPUT	161.9	_	179.6
NET OUTPUT	103.4	106.3	127.2
GROSS MARGIN	78.6	84.9	101.8

Farm Type: F	redeminantly	Milk 125_200	Acres

Tarin Typo. IT cubilitant	,1, ,,,,,,,,,	200 ROI	CD
	Average 1974 - 75	Average 1973-74	Premium Farms 1974-75
INPUTS			
Bought Feed	51.5	-	40.8
Home-Grown Feed	4.8	-	9.4
Other Livestock V.C.'s	7.6	-	8.1
Seed (inc.Home-Grown)	2.2	-	2.2
Fertilisers	11.1	_	12.3
Crop Protection	0.6	_	0.7
Other Crop V.C.'s	0.7	_	0.8
Casual Labour	1.9	_	0.6
Contract Work	3.0	-	2.8
Total Variable Costs	83.2	-	77.8
Regular labour - paid	20.2	16.3	22.6
Regular labour - unpaid	11.3	8.4	10.9
Machinery Depreciation	5.7	7.0	6.9
Fuel & Oil	5.2	4.5	4.5
Mach.Repairs, Veh.Tax & Ins.	5.9	6.2	6.5
Rent & Rates	13.3	10.2	15.0
General Overhead Costs	7.3	6.4	7.4
Total Fixed Costs	69.0	59.0	73.7
TOTAL INPUTS	152.3		151.5
•		***************************************	

	Average 1974-75	Average 1973-74	Premium 1974-75
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	9.6	25.9	28.1
NET FARM INCOME	19.5	32.3	39.0
RETURN ON TENANT'S CAPITAL	7.7%	13%	19.4%
TENANT'S CAPITAL			
Livestock	95.3	100.5	90.0
Crops and Cultivations	9.1	7.8	14.7
Stores, etc.	8.2	4.9	7.4
Machinery & Equipment	32.2	29.8	37.3
TOTAL	144.8	143.0	149.4
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals		11.7	
Hops & Fru Other Crop		-	
Forage Bare Fallo	w	88.3 -	
Grazing Livestock Units:	per	100 ac.	As % 66.1
Dairy Cows Other Cattle Sheep	_	50.6 26.2 -	
TOTAL	7	6.8	100.0

Farm Type: Predominantly Milk 125-200 Acres

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	161	179
Standard Output per acre (£)	159	168
Output From Forage per Farm Forage Acre (£)	157	178
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	83	105
Forage Acres per Grazing Livestock Unit	1.2	1.1
Adjusted Forage Acres per Grazing Livestock Unit	1.8	1.6
Gross Margin per £100 Labour (£)	242	300
Labour Cost per 100 Standard Man-Days (£)	584	573
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	498 437 252 479	529 366 245 558
Total	1666	1698
Gross Margin per £100 Machinery Costs (£)	409	500
Gross Margin per £100 Labour and Machinery (£)	149	185

FINANCIAL RESULTS:	£ per	acre	
	Average 1974-75	Average 1973-74	Premium Farms 1974-75
No.of Farm Records	14	15	7
Average Acreage	341.1	334. 0	395.1
ENTERPRISE OUT	PUTS		
Dairy	125.5	-	134.3
Other Cattle	12.5	-	15.1
Sheep & Wool	0.8	-	1.2
Pigs	-	-	-
Poultry & Eggs	-	-	-
Total Livestock	138.8		150.7
Cereals (inc. Straw) 15.0	-	15.2
Fruit & Hops	-	_	-
Other Crops	0.4	-	0.2
Total Crops	15.4		15.4
Miscellaneous Recei	pts 1.4	-	1.6
Forage & Tillage Valuation Change	s 0.8	-	0.5
Profit or Loss on Previous Year's Valuation	0.1	· ·	_
TOTAL ENTERPRISE OUTPUT	156.4	**	168.2
NET OUTPUT	105.1	103.9	121.1
GROSS MARGIN	80.6	83.5	95.5

Farm Type: Predominant	ly Milk	over 200 Ac	res
	Average 1974-75	Average 1973-74	Premium Farms 1974-75
INPUTS			
Bought Feed	39.6	-	35.2
Home-Grown Feed	9.2	-	9.7
Other Livestock V.C.'s	8.1	_	8.6
Seed (inc.Home-Grown)	2.5	-	2.3
Fertilisers	10.2	_	9.6
Crop Protection	0.8	-	0.8
Other Crop V.C.'s	0.9	-	1.2
Casual Labour	1.1	-	1.2
Contract Work	3.5	-	4.0
Total Variable Costs	75.9	-	72.7
Regular labour - paid	24.3	21.8	21.3
Regular labour - unpaid	3.7	2.3	5.2
Machinery Depreciation	5.9	5.4	6.4
Fuel & Oil	4.9	3.4	4.4
Mach.Repairs, Veh.Tax & Ins.	6.4	6.0	6.3
Rent & Rates	11.4	9.3	10.5
General Overhead Costs	6.8	7.9	7.3
Total Fixed Costs	63.4	56.1	61.4
TOTAL INPUTS	139.3		134.1
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PROFITABILITY	Average 1974-75		
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	17.2	27.3	34.1
NET FARM INCOME	19.3	29.1	36.2
RETURN ON TENANT'S CAPITAL	11%	22%	22.7%
TENANT'S CAPITAL			
Livestock	77.0	77.2	81.9
Crops and Cultivations	14.8	14.6	14.1
Stores, etc.	10.5	8.3	9.8
Machinery & Equipment	34.0	29.9	37.0
TOTAL	136.3	130.0	142.8
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals		19.8	
Hops & Frui		-	
Other Crops Forage Bare Fallow		79.9 0.4	
Grazing Livestock Units:	per	100 ac.	As %
Dairy Cows Other Cattle Sheep		43.5 22.0 2.5	64 32 4
TOTAL		68.0	100

Farm Type: Predominantly Milk over 200 Acres

EFFICIENCY STANDARDS	Average	Premiu
Total Enterprise Output per acre (£)	156	168
Standard Output per acre (£)	144	146
Output From Forage per Farm Forage Acre (£)	173	185
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	102	109
Forage Acres per Grazing Livestock Unit	1.2	1.2
Adjusted Forage Acres per Grazing Livestock Unit	1.5	1.5
Gross Margin per £100 Labour (£)	286	355
Labour Cost per 100 Standard Man-Days (£)	585	541
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	615 463 319 562	583 395 326 598
Total	1959	1902
Gross Margin per £100 Machinery Costs (£)	395	470
Gross Margin per £100 Labour and Machinery (£)	161	195

FINANCIAL RESULTS	: £ per	acre		Farm Type: Predominant:	ly Arable,	under 250	acres.
,	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974-75	Average 1973-74	Premium Farms 1974-75
No. of Farm Record	s 11	9	4	INPUTS	0 =		7.6
Average Acreage	148	149	166	Bought Feed	8.7	-	8.6
ENTERPRISE C	UTPUTS			Home-Grown Feed	4.6	-	1.2
Dairy	3.5	-	0.0	Other Livestock V.C.'s	1.4	-	6.5
Other Cattle	6.0	-	7.3	Seed (inc. Home-Grown)	8.0	-	-
Sheep & Wool	4.9	-	3.4	Fertilisers	8.4	-	8.7
Pigs	8.2	_	18.6	Crop Protection	6.1	-	4.0
Poultry & Eggs	2.1	_	0.0	Other Crop V.C.'s	10.7	-	2.2
104101, 4 188-				Casual Labour	2.3	-	•9
Total Livestoc	1. 2h. 7		29.3	Contract Work	10.4	-	5.6
				Total Variable Costs	60.5	_	45.3
Cereals (inc. Str		-	59.7			- 0	355
Fruit & Hops	22.5	-	4.8	Regular labour - paid	20.3	7.8	15.5 10.1
Other Crops	35.3	-	27.7	Regular labour - unpaid		11.4 4.2	7.0
Total Crops	105.6	-	92.1	Machinery Depreciation Fuel & Oil	5.9 5.7	2.2	3.7
Miscellaneous Rec	eipts 5.0	-	5.1	Mach.Repairs, Veh.Tax	8.7	3.4	6.9
Forage & Tillage Valuation Char	nges 1.2	_	•3	& Ins. Rent & Rates	11.4	9•5	10.8
Profit or Loss or	1			General Overhead Costs	7.0	5.4	5.6
Previous Year Valuation	4.2	-	9.6	Total Fixed Costs	71.3	43.9	59.6
TOTAL ENTERPR	ISE 140.7	_	136.4	TOTAL INPUTS	131.9	66.3	104.9
	119.5	81.9	113.7				
NET OUTPUT							
GROSS MARGIN	80.1	66.2	91.1				

TENANT'S CAPI	TAL	21 0	10.1	29
Livestock		24.0	19.1	68
Crops and Cul	tivations	41.2	27.5	
Stores, etc.		14.1	5.5	10
Machinery & E	quipment	32.7	18.5	34
TOTAL		112.0	70.6	142
DESCRIPTIVE S	TATISTICS		1974-75	
	Cereals			· ·
			54 8 13	
	Cereals Hops & Fm Other Crop Forage	ps	54 8	
% of Land in:	Cereals Hops & Fm Other Crop Forage Bare Fallo	ps ow	54 8 13 25 0	
	Cereals Hops & Fm Other Crop Forage Bare Fallo	ps ow	54 8 13	As %
% of Land in: Grazing Lives D	Cereals Hops & Fm Other Crop Forage Bare Fallo	ps ow : per	54 8 13 25 0	As % 4 40 56

Sheep

TOTAL

PROFITABILITY

INCOME

NET FARM INCOME RETURN ON TENANT'S

CAPITAL

MANAGEMENT & INVESTMENT

Average Average Premium 1974-75 1973-74 1974-75

22.4

31.2

31

31.5

39.9

23.0

8.8

18.9

3.3

25

100

Farm Type: Predominantly	Arable;	under	250	acres
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EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	141	136
Standard Output per acre (£)	120	119
Output From Forage per Farm Forage Acre (£)	64	61
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	34	33
Forage Acres per Grazing Livestock Unit		-
Adjusted Forage Acres per Grazing Livestock Unit	-	-
Gross Margin per £100 Labour (£)	292	398
Labour Cost per 100 Standard Man-Days (£)	627	8 34
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	705 457 882 509	621 330 495 714
Total	2553	2160
Gross Margin per £100 Machinery Costs (£)	316	459
Gross Margin per £100 Labour and Machinery (£)	133	194

FINANCIAL RESULTS: £ per s	cre		Farm Type: Predominant	tly Arable	250-450	Acres
Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974 - 75	Average 1973-74	Premi Farm 1974-
No. of Farm Records 14	10	7	INPUTS			
Average Acreage 317.3	324.0	325.5	Bought Feed	3.3	-	1
ENTERPRISE OUTPUTS			Home-Grown Feed	4.5	-	4
Dairy 4.9	-	-	Other Livestock V.C.'s	1.7	-	1
Other Cattle 13.6	-	16.3	Seed (inc.Home-Grown)	5.6	-	5
Sheep & Wool 5.7	-	1.9	Fertilisers	10.5	-	11
Pigs -	-	-	Crop Protection	3.4	-	4
Poultry & Eggs 0.1	-	0.2	Other Crop V.C.'s	2.4	-	3
			Casual Labour	3.7	-	3
Total Livestock 24.3		18.3	Contract Work	2.3	-	2
Cereals (inc. Straw) 56.5	-	71.2	Total Variable Costs	37.4	-	37
Fruit & Hops 2.8	-	1.1	Regular labour - paid	13.7	13.0	13
Other Crops 17.0	-	25.6	Regular labour - unpaid	5.4	3.1	7
Total Crops 76.3		97.9	Machinery Depreciation	6.3	5.7	5
			Fuel & Oil	3.9	2.5	3
Miscellaneous Receipts 3.0	-	3.5	Mach.Repairs, Veh.Tax	6.4	4.8	6
Forage & Tillage Valuation Changes 0.8	_	0.3	& Ins. Rent & Rates			
Profit or Loss on				11.2	10.0	11
Previous Year's			General Overhead Costs	4.7	4.2	4
Valuation 4.1	-	3.3	Total Fixed Costs	51.5	43.3	51
TOTAL ENTERPRISE OUTPUT 108.5	-	123.3	TOTAL INPUTS	88.9		88
NET OUTPUT 95.1	99.4	111.2				
GROSS MARGIN 71.1	78.7	86.0				

1.9 4.5 1.2 5.7 11.4 4.0 3.0 3.2 2.3 37.3 13.2 7.0 5.6

3.5 6.3 11.4 4.3 51.3 88.6

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	Average	Average	Premium	Farm Type: Predominantly Arable	250-450	Acres
	1974-75	1973-74	1974-75	EFFICIENCY STANDARDS	Average	Premi
PROFITABILITY				Total Enterprise Output per		
MANAGEMENT & INVESTMENT	19.6	75 /	7/ 0	acre (£)	108	123
INCOME	-	35.4	-	Standard Output per acre (£)	79	89
NET FARM INCOME RETURN ON TENANT'S	22.4	38.1	37.5	Output From Forage per Farm Forage Acre (£)	98	116
CAPITAL	26.4%	45%	50.6%	Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	77	84
TENANT'S CAPITAL				Forage Acres per Grazing		
Livestock	26.3	16.3	21.6	Livestock Unit		,
Crops and Cultivations	30.6	31.0	32.2	Adjusted Forage Acres per		
Stores, etc.	11.5	10.6	14.6	Grazing Livestock Unit	-	-
Machinery & Equipment	33.5	30.0	33.9	Gross Margin per £100 Labour (£)	316	368
TOTAL	101.9	87.9	102.3	Labour Cost per 100 Standard Man-Days (£)	902	836
				Machinery Costs per 1000 Tractor Hours (£):		
Mof Land in: Cereals Hops & Frui Other Crops		1974-75 61.0 0.7 9.3		Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	685 427 264 692	638 366 258 584
Forage Bare Fallow		27.9 1.2		Total	2068	1846
Grazing Livestock Units:	per :	100 ac.	As %	Gross Margin per £100 Machinery Costs (£)	405	527
Dairy Cows Other Cattle Sheep		- 8 3.5	58 42	Gross Margin per £100 Labour and Machinery (£)	173	213
TOTAL	20)•3.	100			

Premium

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FINANCIAL RESULTS:	£ per	acre	
	Average 1974-75	Average 1973-74	Premium Farms 1974-75
No. of Farm Records	7	5	4
Average Acreage	915.6	633.0	1140.5
ENTERPRISE OUT	PUTS		
Dairy	3.7	-	6.5
Other Cattle	11.2	_	16.0
Sheep & Wool	5.1	-	1.8
Pigs	1.1	-	1.9
Poultry & Eggs	0.8	-	1.5
Total Livestock	22.0		27.6
Cereals (inc. Straw) 58.8	-	64.9
Fruit & Hops	10.7	-	0.1
Other Crops	32.4	-	46.9
Total Crops	102.0	-	112.0
Miscellaneous Recei	pts 2.0	•	1.6
Forage & Tillage Valuation Change	8.0 as	-	1.2
Profit or Loss on Previous Year's Valuation	5.6	-	9.1
TOTAL ENTERPRISE OUTPUT	132.3	-	151.4
NET OUTPUT	113.7	84.6	129.0
GROSS MARGIN	78.7	68.0	97.8

Farm	Ψπηο •	Predomi	inon+lv	Arable	over	450	Acres	
rarm	TADE	Predom	INAULTA	M. ADTE	Over.	470	MCT CD	

	Average 1974-75	Average 1973-74	Premium Farms 1974-75
INPUTS			
Bought Feed	6.4	-	8.6
Home-Grown Feed	5.0	-	6.1
Other Livestock V.C.'s	1.1	-	0.6
Seed (inc.Home-Grown)	7.4	-	7.8
Fertilisers	11.0	-	12.1
Crop Protection	4.9	-	3.4
Other Crop V.C.'s	8.0	_	4.5
Casual Labour	8.5	-	9.4
Contract Work	1.5	-	1.3
Total Variable Costs	53.7	-	53.7
Regular labour - paid	15.1	12.0	18.1
Regular labour - unpaid	1.7	1.3	1.0
Machinery Depreciation	5.3	4.6	5.8
Fuel & Oil	3.3	2.0	3.4
Mach.Repairs, Veh.Tax & Ins.	6.1	4.1	5 . 8
Rent & Rates	12.2	8.6	14.7
General Overhead Costs	4.9	4.5	5.8
Total Fixed Costs	48.6	37.1	54.5
TOTAL INPUTS	102.2		108.2
		======	

		Average 1973-74	
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	30.1	30.9	43.3
NET FARM INCOME	31.0	31.9	43.8
RETURN ON TENANT'S CAPITAL	23.3%	34%	30.7%
TENANT'S CAPITAL			
Livestock	25.0	20.9	27.8
Crops and Cultivations	50.9	41.3	65.1
Stores, etc.	12.5	5.4	12.8
Machinery & Equipment	35.0	26.1	40.3
TOTAL	123.5	93.7	146.1
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals Hops & Fru Other Crop. Forage Bare Fallot	g	56.1 2.5 15.2 25.3 0.8	
Grazing Livestock Units:	per :	100 ac.	As %
Dairy Cows Other Cattle Sheep	10	1.2 0.2 1.5	5 45 50
TOTAL	2	2.9	100

Farm Type: Predominantly Arable over 450 Acres

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	132	151
Standard Output per acre (£)	95	107
Output From Forage per Farm Forage Acre (£)	92	128
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	77	131
Forage Acres per Grazing Livestock Unit	44	
Adjusted Forage Acres per Grazing Livestock Unit	-	
Gross Margin per £100 Labour (£)	372	437
Labour Cost per 100 Standard Man-Days (£)	671	682
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	660 354 149 569	582 337 122 588
Total	1732	1629
Gross Margin per £100 Machinery Costs (£)	491	613
Gross Margin per £100 Labour and Machinery (£)	200	242

FINANCIAL RESULTS:	£ per a	cre		Farm Type: Milk and A	rable unde	er 250 Acre	es
	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974 - 75	Average 1973-74	Premium Farms 1974-75
No.of Farm Records	5	6	3	INPUTS			
Average Acreage	162.2	180.0	171.2	Bought Feed	20.5	-	13.3
ENTERPRISE OU	PUTS			Home-Grown Feed	9.3	-	10.3
Dairy	63.0	-	62.4	Other Livestock V.C.'s	2.9	-	2.9
Other Cattle	10.9	-	4.2	Seed (inc.Home-Grown)	6.6	-	6.7
Sheep & Wool	1.1	-	1.8	Fertilisers	6.7	-	7.5
Pigs	-	-	_	Crop Protection	1.9	-	1.7
Poultry & Eggs	-	-	-	Other Crop V.C.'s	3.4	-	2.4
				Casual Labour	2.6	-	0.9
Total Livestock	74.9	_	68.4	Contract Work	2.0	-	3.3
Cereals (inc. Strav	7) 45.5	-	49.6	Total Variable Costs	55.8	-	48.9
Fruit & Hops	_	_	-	Regular labour - paid	19.3	25.1	20.3
Other Crops	22.5	-	21.1	Regular labour - unpaid	16.8	7.0	9.5
Total Crops	68.0		70.7	Machinery Depreciation	7.1	6.1	6.3
-				Fuel & Oil	4.9	4.7	4.1
Miscellaneous Recei Forage & Tillage	lpts 1.6 (-)0.1	-	1.3 0.2	Mach.Repairs, Veh.Tax & Ins.	6.0	6.2	6.2
Valuation Change	• •	-	0.2	Rent & Rates	9.3	8.4	10.7
Profit or Loss on				General Overhead Costs	5.7	7.1	4.7
Previous Year's Valuation	7.2	-	7.4	Total Fixed Costs	69.1	64.7	61.9
TOTAL ENTERPRISE	151.6	_	148.0	TOTAL INPUTS	124.9	64.7	110.8
NET OUTPUT	115.2	120.3	117.8				
GROSS MARGIN	95.8	94.8	99.1				

	Average 1974-75	Average 1973-74	
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	2 6.7	30.1	37.2
NET FARM INCOME	37.0	36.6	46.8
RETURN ON TENANT'S CAPITAL	21.6%	24%	29.8%
TENANT'S CAPITAL			
Livestock	50.7	56.4	42.6
Crops and Cultivations	22.3	25.5	32.0
Stores, etc.	10.7	8.6	11.2
Machinery & Equipment	39.1	33.1	35.8
TOTAL	122.8	123.6	121.7
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals		44.9	
Hops & Fru Other Crop Forage Bare Fallo	ន	7.7 47.4 -	
Grazing Livestock Units:	-	100 ac.	As %
Dairy Cows Other Cattle Sheep	17	4.3 7.4 2.6	55 39 6
TOTAL	4/	4.3	100

Farm Type: Milk and Arable under 250 Acres

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	151	148
Standard Output per acre (£)	128	128
Output From Forage per Farm Forage Acre (£)	156	153
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	87	99
Forage Acres per Grazing Livestock Unit	1.1	1.40
Adjusted Forage Acres per Grazing Livestock Unit	1.3	1.1
Gross Margin per £100 Labour (£)	269	331
Labour Cost per 100 Standard Man-Days (£)	885	738
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	534 439 187 659	581 365 312 596
Total	1819	1854
Gross Margin per £100 Machinery Costs (£)	518	507
Gross Margin per £100 Labour and Machinery (£)	171	198

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	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974-75	Average 1973-74	Premium Farms 1974-75
No.of Farm Records	4	5	2	INPUTS			
Average Acreage ENTERPRISE OUT	378.5 PUTS	377.0	367.0	Bought Feed Home-Grown Feed	27.5 12.2	-	23.8 9.7
Dairy	78.9	_	88.6	Other Livestock V.C.'s	4.8	_	5.0
Other Cattle	22.4	-	32.0	Seed (inc.Home-Grown)	5.7	_	7.3
Sheep & Wool	0.1	-	_	Fertilisers	8.3	-	8.9
Pigs	-	_		Crop Protection	1.7	_	2.3
Poultry & Eggs	1.3	-	_	Other Crop V.C.'s	2.5	-	4.3
				Casual Labour	2.2	_	3.2
Total Livestock	102.7		120.0	Contract Work	2.6		1.5
Cereals (inc. Strav	7) 33.6	-	29.1	Total Variable Costs	67.4	-	65.9
Fruit & Hops	_	-	-	Regular labour - paid	21.2	16.2	24.4
Other Crops	28.3	-	54.7	Regular labour - unpaid	4.4	2.0	6.0
Total Crops	61.9		83.8	Machinery Depreciation	8.3	4.6	13.5
- ,			- 65.6	Fuel & 011	4.5	3.1	5.2
Miscellaneous Recei Forage & Tillage	lpts 4.5	-	7.8	Mach.Repairs, Veh.Tax & Ins.	7.5	4.2	8.8
Valuation Change	es(-)0.4	-	0.5	Rent & Rates	9.7	7.9	11.4
Profit or Loss on Previous Year's	0.5	-	0.4	General Overhead Costs	7.8	5.0	7.9
Valuation	0.5	-	0.4	Total Fixed Costs	63.3	43.0	77.1
TOTAL ENTERPRISE OUTPUT	169.2	-	213.2	TOTAL INPUTS	130.7	-	143.0
NET OUTPUT	123.8	82.2	172.4				
GROSS MARGIN	101.8	65.0	147.3				

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					Farm Type: Milk and Arable 250-4	50 Acres	
		Average 1974-75	Average 1973-74	Premium 1974 - 75	EFFICIENCY STANDARDS	Average	Premium
	PROFITABILITY				Total Enterprise Output per acre (£)	169	213
*	MANAGEMENT & INVESTMENT INCOME	38.5	22.0	70.2	Standard Output per acre (£)	121	143
	NET FARM INCOME RETURN ON TENANT'S	41.7	24.0	73.8	Output From Forage per Farm Forage Acre (£)	173	198
	CAPITAL	20.4%	22%	34.4%	Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	108	151
	TENANT'S CAPITAL Livestock	73.3	52.0	80.6	Forage Acres per Grazing Livestock Unit	1.3	1,2-
	Crops and Cultivations	19.5	15.2	28.7	Adjusted Forage Acres per	3 F	٦ ~
	Stores, etc.	11.3	7.5	14.1	Grazing Livestock Unit	1.5	1.3 443
	Machinery & Equipment	47.0	25.5	71.6	Gross Margin per £100 Labour (£)	350	445
	TOTAL	151.2	100.2	195.0	Labour Cost per 100 Standard Man-Days (£)	674	616
- 19					Machinery Costs per 1000 Tractor Hours (£):		
Г	DESCRIPTIVE STATISTICS % of Land in: Cereals Hops & Frui Other Crops		1974-75 36.1 - - 7.1		Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	736 444 306 717	673 425 140 1058
	Forage Bare Fallow	ī	56.8 -		Total	2203	2296
	Grazing Livestock Units:		100 ac.	As %	Gross Margin per £100 Machinery Costs (£)	432	516
	Dairy Cows Other Cattle Sheep		23.4 22.2 0.3	52 46 2	Gross Margin per £100 Labour and Machinery (£)	193	238
	TOTAL		45.9	100			
				·			

FINANCIAL RESULTS:	£ per	acre		Farm Type: Milk and A	rable ove	r 450 Acre	s
	Average 1974 - 75	Average 1973-74	Premium Farms 1974-75		Average 1974 - 75	Average 1973-74	Premium Farms 1974-75
No. of Farm Records	14	10	7	INPUTS			
Average Acreage	778.1	706.0	635.1	Bought Feed	16.1	-	15.4
ENTERPRISE OUT	PUTS			Home-Grown Feed	7.4	-	8.9
Dairy	51.1	-	58.9	Other Livestock V.C.'s	3.6	-	4.6
Other Cattle	14.1	-	14.1	Seed (inc.Home-Grown)	4.8	-	5.0
Sheep & Wool	1.8	-	2.6	Fertilisers	10.6	-	10.6
Pigs	-	_	-	Crop Protection	1.7	-	1.5
Poultry & Eggs	0.1	-	-	Other Crop V.C.'s	1.4	-	2.0
				Casual Labour	1.7	_	2.0
Total Livestock	67.1		75.6	Contract Work	2.3	-	1.5
Cereals (inc. Straw) 43.3		45.4	Total Variable Costs	49.6	-	51.6
Fruit & Hops	1.9	-	1.8	Regular labour - paid	23.3	18.9	26.5
Other Crops	9.6	-	17.0	Regular labour - unpaid	1.7	1.6	1.2
Total Crops	54.9	_	64.2	Machinery Depreciation	4.8	5.0	5.3
Miscellaneous Recei	pts 1.3		1.6	Fuel & Oil Mach.Repairs, Veh.Tax	4.1	2.5	4.9
Forage & Tillage	-			& Ins.	5.6	4.6	6.3
Valuation Change	s 0.8	-	0.4	Rent & Rates	10.9	9.1	11.9
Profit or Loss on Previous Year's				General Overhead Costs	4.6	4.6	5.6
Valuation	1.0		1.0	Total Fixed Costs	54.9	46.3	61.8
TOTAL ENTERPRISE OUTPUT	125.1	-	142.8	TOTAL INPUTS	104.5	-	113.5
NET OUTPUT	96.8	93.1	113.4				
GROSS MARGIN	75.5	78.4	91.2				

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				Farm Type: Milk and Arable over	450 Acres	
	Average 1974-75	Average 1973-74		EFFICIENCY STANDARDS	Average	Premium
PROFITABILITY				Total Enterprise Output per	7.05	142
MANAGEMENT & INVESTMENT INCOME	20.6	32.1	29.3	acre (£) Standard Output per acre (£)	125 106	142
NET FARM INCOME	21.4	32.9	29.9	Output From Forage per Farm	100	***
RETURN ON TENANT'S		3-13		Forage Acre (£)	140	164
CAPITAL	17.8%	34%	24.6%	Grazing Livestock Output (less concentrate) per Adjusted	06	3.06
TENANT'S CAPITAL				Forage Acre (£)	86	106
Livestock	49.5	39.8	50.1	Forage Acres per Grazing Livestock Unit	1,4	1.3
Crops and Cultivations	29.8	25.8	25.8	Adjusted Forage Acres per		_
Stores, etc.	10.1	6.8	11.8	Grazing Livestock Unit	1.5	1.3
Machinery & Equipment	29.4	23.4	34.6	Gross Margin per £100 Labour (£)	291	322
TOTAL	118.8	95.8	122.3	Labour Cost per 100 Standard Man-Days (£)	765	778
101111				Machinery Costs per 1000 Tractor Hours (£):		
DESCRIPTIVE STATISTICS % of Land in: Coreals Hops & Frui Other Crops		1974-75 46.3 0.3 4.5		Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	598 427 254 498	649 490 168 530
Forage Bare Fallov		48.6 0.3		Total	177.7	1837
Grazing Livestock Units:	per	100 ac.	As %	Gross Margin per £100 Machinery Costs (£)	460	511
Dairy Cows Other Cattle Sheep	18.7 14.7 2.7 36.1		52 41 7	Gross Margin per £100 Labour and Machinery (£)	173	190
TOTAL			100			

FINANCIAL RESULTS:	£ per	acre		Farm Type: Sheep/Cattle	and Ara	ble under	250 Acres
	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974-75	Average 1973-74	Premium Farms 1974-75
No. of Farm Records	13	13	6	INPUTS			(
Average Acreage	150.1	143.0	169.2	Bought Feed	6.4	-	11.6
ENTERPRISE OUT	PUTS			Home-Grown Feed	7.4	-	10.0
Dairy	0.8	-	1.8	Other Livestock V.C. 's	2.4	-	2.8
Other Cattle	15.3	-	25.6	Seed (inc.Home-Grown)	3.2	-	4.4
Sheep & Wool	15.5	-	13.9	Fertilisers	6.7	-	7.3
Pigs	0.1	-	-	Crop Protection	1.3	-	2.4
Poultry & Eggs	3.0	-	6.5	Other Crop V.C.'s	0.6	-	0.6
				Casual Labour	1.3	-	1.3
Total Livestock	34.8		47.7	Contract Work	4.0	-	4.9
Cereals (inc. Straw) 34.8		45.2	Total Variable Costs	33.2	-	45.3
Fruit & Hops	· -	_	-	Regular labour - paid	5.1	4.0	8.3
Other Crops	4.0	-	6.4	Regular labour - unpaid	10.4	9.5	9.8
Total Crops	38.8		51.5	Machinery Depreciation	4.3	4.2	6.2
-	7.6		4.1	Fuel & Oil	3.0	2.2	3.1
Miscellaneous Recei Forage & Tillage	pts J.O	-	7.1	Mach.Repairs, Veh.Tax & Ins.	4.6	3.4	5.6
Valuation Change	s 0.5	-	1.4	Rent & Rates	9.7	8.8	8.9
Profit or Loss on Previous Year's				General Overhead Costs	4.1	4.8	4.3
Valuation	1.9	_	2.2	Total Fixed Costs	41.3	36.9	46.2
TOTAL ENTERPRISE OUTPUT	79.7	-	106.9	TOTAL INPUTS	74.5		91.6
NET OUTPUT	62.7	69.9	80.9				
GROSS MARGIN	46.5	58.3	61.6				

	Crops and Cultiv
	Stores, etc.
	Machinery & Equi
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	% of Land in: Co
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	Average 1974-75	Average 1973-74	
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	5.2	21.5	15.3
NET PARM INCOME	14.6	28.5	25.1
RETURN ON TENANT'S CAPITAL	2.6%	28%	14.4%
TENANT'S CAPITAL			
Livestock	37.2	33.1	42.2
Crops and Cultivations	22.1	19.8	27.4
Stores, etc.	7.6	4.6	11.6
Machinery & Equipment	25.3	20.0	34.1
TOTAL	92.1	77.5	115.2
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals Hops & Fru Other Crops Forage Bare Fallor	3	41.3 2.3 56.4	
Grazing Livestock Units:		100 ac.	As %
Dairy Cows Other Cattle Sheep	1	0.2 3.8 5.7	28 72
TOTAL	4	9.7	100

וייינים	Tone •	Sheep/Cattle	hra	Arable	under	250	Acres
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	Avert.ge	Average	Promium			
	1974-75	1973-74	1974-75	EFFICIENCY STANDARDS	Average	Premium
TMENT				Total Enterprise Output per acre (£)	79	106
	5.2	21.5	15.3	Standard Output per acre (£)	67	75
	14.6	28.5	25.1	Output From Forage per Farm Forage Acre (£)	60	83
	2.6%	28%	14.4%	Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	38	49
	37.2	33.1	42.2	Forage Acres per Grazing Livestock Unit	1.3	1,2
ions	22.1	19.8	27.4	Adjusted Forage Acres per		
	7.6	4.6	11.6	Grazing Livestock Unit	1.3	1.3
ent	25.3	20.0	34.1	Gross Margin per £100 Labour (£)	292	350
	92.1	77.5	115.2	Labour Cost per 100 Standard Man-Days (£)	665	716
				Machinery Costs per 1000 Tractor Hours (£):		
TICS als & Frui r Crops		1974-75 41.3 - 2.3		Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	533 369 463 492	601 353 552 675
ge Fallov	ı	56.4 -		Total	1857	2181
Units:	per	100 ac.	As %	Gross Margin per £100 Machinery Costs (£)	304	327
Cows Cattle	1	0.2 3.8 5.7	28 72	Gross Margin per £100 Labour and Machinery (£)	142	164

•	Average 1974-75	Average 1973-74	Premium Farms 1974-75
No. of Farm Records	13	16	7
Average Acreage	409.7	474.0	436.9
ENTERPRISE OU	PUTS		
Dairy	-	- '	-
Other Cattle	14.4	-	14.4
Sheep & Wool	18.3		15.9
Pigs	-	-	-
Poultry & Eggs	-	· -	-
Total Livestock	32.8	-	30.3
Cereals (inc. Strav	7) 40.2	-	44.1
Fruit & Hops	2.5	-	-
Other Crops	6.5		5.6
Total Crops	49.2		49.7
Miscellaneous Recei	pts 2.1	-	2.0
Forage & Tillage Valuation Change	os 0.6	-	0.7
Profit or Loss on Previous Year's Valuation	4.5	- -	7.0
TOTAL ENTERPRISE OUTPUT	89.2	-	89.7
NET OUTPUT	76.0	85.2	78.2
WILL OUTLOI	70.0		10.2
GROSS MARGIN	58.3	70.2	61.0

Farm Type: Direct/Cattle	e and Ara	DIE OVEL 2	JU ACTES
	Average 1974-75	Average 1973-74	Premium Farms 1974-7
INPUTS			
Bought Feed	5.1	-	4.5
Home-Grown Feed	3.6	_	3.0
Other Livestock V.C.'s	2.8	-	2.5
Seed (inc.Home-Grown)	4.5	-	3.9
Fertilisers	7.7	-	8.7
Crop Protection	1.4	-	1.1
Other Crop V.C.'s	1.4	_	0.9
Casual Labour	2.4	-	1.5
Contract Work	2.1	-	2.5
Total Variable Costs	30.8	-	28.6
Regular labour - paid	12.3	9.5	13.0
Regular labour - unpaid	4.5	3.3	2.8
Machinery Depreciation	5.2	5.0	4.8
Fuel & Oil	3.4	2.2	3.2
Mach.Repairs, Veh.Tax			
& Ins.	5.0	3.6	5.1
Rent & Rates	10.2	9.9	9.7
General Overhead Costs	4.9	5.2	4.7
Total Fixed Costs	45.6	38.7	43.3
TOTAL INPUTS	76.4	-	71.9
:		-	

PROFITABILITY		Average 1973-74		
MANAGEMENT & INVESTMENT INCOME	12.7	31.5	17.8	
NET FARM INCOME	15.2	33.6	19.9	
RETURN ON TENANT'S CAPITAL	12.4%	34%	17.4%	
TENANT'S CAPITAL				
Livestock	43.6	45.6	41.1	
Crops and Cultivations	28.4	23.1	37.5	
Stores, etc.	7.3	7.0	6.7	
Machinery & Equipment	25.8	23.8	23.7	
TOTAL	105.2	99.5	109.0	
DESCRIPTIVE STATISTICS		1974-75		
% of Land in: Cereals_		43.9		
Hops & Fru: Other Crop: Forage Bare Fallo:	3	0.6 2.9 52.5 0.1		
Grazing Livestock Units:	per :	100 ac.	As %	
Dairy Cows Other Cattle Sheep		15.9 33.5	32 68	
TOTAL		49.4	100	

Farm Type: Sheep/Cattle and Arable over 250 Acres

EFFICIENCY STANDARDS	Average	Premiu
Total Enterprise Output per acre (£)	89	. 89
Standard Output per acre (£)	69	66
Output From Forage per Farm Forage Acre (£)	65	67
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	50	53
Forage Acres per Grazing Livestock Unit	1.1	1.1
Adjusted Forage Acres per Grazing Livestock Unit	1.1	1.0
Gross Margin per £100 Labour (£)	318	356
Labour Cost per 100 Standard Man-Days (£)	700	718
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	552 379 233 576	595 367 289 552
Total	1740	1803
Gross Margin per £100 Machinery Costs (£)	376	400
Gross Margin per £100 Labour and Machinery (£)	169	186

FINANCIAL RESULTS:	£ per s	cre		Farm Type: Milk, Sheep	/Cattle a	nd Arable
· ·	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974 - 75	Average 1973-74
No.of Farm-Records	7	14	4	INPUTS		
Average Acreage	374.0	441.0	394.0	Bought Feed	23.2	-
ENTERPRISE OUT	PUTS			Home-Grown Feed	9.7	-
Dairy	64.5	-	70.7	Other Livestock V.C.'s	3.8	-
Other Cattle	18.8	-	21.7	Seed (inc.Home-Grown)	3.3	-
Sheep & Wool	1.6	-	2.8	Fertilisers	8.9	-
Pigs	-	-	-	Crop Protection	1.2	-
Poultry & Eggs	0.7	-	-	Other Crop V.C.'s	1.2	-
• 33				Casual Labour	1.4	-
Total Livestock	85.6		95.1	Contract Work	2.4	_
Cereals (inc. Strav	7) 26.4	-	28.0	Total Variable Costs	55.0	-
Fruit & Hops	2.0	-	3.5	Regular labour - paid	19.8	19.0
Other Crops	2.4	-	3.1	Regular labour - unpaid	4.7	2.8
-	70.0		34.6	Machinery Depreciation	4.8	4.5
Total Crops	30.8			Fuel & Oil	3.6	3.2
Miscellaneous Rece	ipts 1.2	-	1.4	Mach.Repairs, Veh.Tax	5.1	4.5
Forage & Tillage Valuation Change	as(=)0.6	_	(-)0.1	& Ins. Rent & Rates	9.6	8.5
Profit or Loss on	55()-11			General Overhead Costs	-	
Previous Year's				General Overnead Costs	4.9	5.6
Valuation	0.4	-	0.4	Total Fixed Costs	52.7	48.1
TOTAL ENTERPRIS	E 117.5	_	131.5	TOTAL INPUTS	107.7	
NET OUTPUT	81.4	89.3	96.3			
GROSS MARGIN	62.5	71.8	76.4			

> 20.5 10.7 3.9 4.0 9.9 1.5 1.2 1.1 2.3 55.1 23.5 6.2

> 3.9 5.6 9.3 4.4 58.3

	Average 1974-75	Average 1973-74	
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	9.8	23.7	18.1
NET FARM INCOME	12.9	25.8	20.5
RETURN ON TENANT'S CAPITAL	8.5%	22%	15.9%
TENANT'S CAPITAL			
Livestock	65.5	66.6	69.0
Crops and Cultivations	11.8	13.9	13.9
Stores, etc.	9.2	8.4	10.7
Machinery & Equipment	29.5	26.8	35.7
TOTAL	116.0	115.7	129.3
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals Hops & Fru Other Crop Forage Bare Fallo	8	34.9 0.5 1.6 62.4 0.6	
Grazing Livestock Units:	per	100 ac.	As %
Dairy Cows Other Cattle Sheep		2.0 3.8 2.7	45 49 6
TOTAL	4	8.5	100

- 27 -

Farn	Type:	Milk,	Sheep/Cattle	and	Arable

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	117	131
Standard Output per acre (£)	108	113
Output From Forage per Farm Forage Acre (£)	133	153
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	71	84
Forage Acres per Grazing Livestock Unit	1.4	13
Adjusted Forage Acres per Grazing Livestock Unit	1,8	1.5
Gross Margin per £100 Labour (£)	245	268
Labour Cost per 100 Standard Man-Days (£)	634	674
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	499 350 239 462	503 350 208 563
Total	1550	1624
Gross Margin per £100 Machinery Costs (£)	393	439
Gross Margin per £100 Labour and Machinery (£)	149	164

Cereals (inc. Straw Fruit & Hops	-	- -	19.6	Regular labour - paid	5.1	2.9	5.3
Other Crops Total Crops	21.1		28.3	Regular labour - unpaid Machinery Depreciation Fuel & 011	3.3	9.1 3.8	12.7 4.0
Total Crops Miscellaneous Recei			28.3	Fuel & Oil	3.3 3.1	3.8 2.1	4.0 3.4
Forage & Tillage	_	-	3.7	Mach.Repairs, Veh.Tax & Ins.	4.6	2.1 3.7	5.1
Valuation Change Profit or Loss on		-	-	Rent & Rates General Overhead Costs	10.6 3.7	9.3 3.8	11.0
Previous Year's Valuation	0.8	-	1.0	General Overhead Costs Total Fixed Costs	3.7 43.4	3.8 34.7	45.0
TOTAL ENTERPRISE	75.8		92.8	TOTAL INPUTS	74.5	<u>54.7</u>	75.3

GROSS MARGIN

44.8

53.6

62.5

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	Average 1974-75		
PROFITABILITY	-714 12	-/12 14	-714-17
MANAGEMENT & INVESTMENT			
INCOME	1.3	18.8	17.5
NET FARM INCOME	10.8	24.6	22.8
RETURN ON TENANT'S CAPITAL	1%	23%	17.9%
TENANT'S CAPITAL			
Livestock	67.7	61.3	70.9
Crops and Cultivations	14.1	11.4	9.9
Stores, etc.	4.3	3.4	4.4
Machinery & Equipment	18.6	17.2	20.4
TOTAL	104.7	93.3	105.6
DESCRIPTIVE STATISTICS	· 	1974-75	
% of Land in: Cereals		17.9	
Hops & Fru Other Crop		`_ 3.0	
Forage Bare Fallo		78.9 0.1	
Grazing Livestock Units:	per	100 ac.	As %
Dairy Cows Other Cattle Sheep		- 35.7 40.5	47 53
TOTAL	•	76.2	100

Farm Type: Predominantly Sheep/Cattle

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	75	92
Standard Output per acre (£)	69	79
Output From Forage per Farm Forage Acre (£)	55	69
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	36	46
Forage Acres per Grazing Livestock Unit	1.1	0 •9
Adjusted Forage Acres per Grazing Livestock Unit	1.3	1.3
Gross Margin per £100 Labour (£)	230	315
Labour Cost per 100 Standard Man-Days (£)	546	523
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	449 307 304 320	461 326 347 380
Total	1380	1514
Gross Margin per £100 Machinery Costs (£)	351	425
Gross Margin per £100 Labour and Machinery (£)	132	174

FINANCIAL RESULTS:	£ per s	icre		Farm Type: Large Scale	- Mainly	y Arable
	Average 1974-75	Average 1973-74	Premium Farms 1974-75	:	Average 1974-75	Average 1973-74
No.of Farm Records Average Acreage	11 1233.0	1303.0	6 1389.5	Bought Feed	3.9	-
ENTERPRISE OUT	PUTS			Home-Grown Feed	3.1	-
Dairy	2.4	-	4.5	Other Livestock V.C.'s	1.1	-
Other Cattle	8.6	-	7.3	Seed (inc.Home-Grown)	7.3	-
Sheep & Wool	5.7	-	7.0	Fertilisers	9.6	-
Pigs	0.7	-	1.3	Crop Protection	50	-
Poultry & Eggs	0.5	-	1.0	Other Crop V.C.'s	3.4	-
				Casual Labour	7.5	-
Total Livestock	18.0		21.0	Contract Work	2.5	-
Cereals (inc. Straw			59.9	Total Variable Costs	43.6	-
Fruit & Hops	7.4	_	10.8	Regular labour - paid	17.2	12.2
Other Crops	31.6	_	38.2	Regular labour - unpaid	1.3	0.8
-				Machinery Depreciation	4.4	4.0
Total Crops	95.1		108.8	Fuel & Oil	3.4	2.0
Miscellaneous Recei	pts 1.0	-	1.1	Mach.Repairs, Veh.Tax		
Forage & Tillage			_	& Ins.	5.4	4.5
Valuation Change	s 0.1	-	0.6	Rent & Rates	12.4	10.4
Profit or Loss on Previous Year's				General Overhead Costs	4.7	4.7
Valuation	4.5		7.3.	Total Fixed Costs	48.7	38.6
TOTAL ENTERPRISE	118.6	-	138.9	TOTAL INPUTS	92.3	-
NET OUTPUT	104.2	98.8	121.4			
GROSS MARGIN	75.1	78.3	87.6			

> 6.5 3.7 1.3 7.3 11.1 5.4 3.8 10.3 2.0

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				Farm Type: Large Scale - Mainly	Arable	
	Average 1974-75	Average 1973-74	Premium 1974-75	EFFICIENCY STANDARDS	Average	Premium
PROFITABILITY				Total Enterprise Output per		
MANAGEMENT & INVESTMENT	06.7	70.7	36.6	acre (£)	118	138
INCOME	26.3	39.7	-	Standard Output per acre (£)	95	104
NET FARM INCOME	26.8	39.9	36.6	Output From Forage per Farm	83	112
RETURN ON TENANT'S CAPITAL	23.9%	46%	31.4%	Forage Acre (£) Grazing Livestock Output (less	65	112
				concentrate) per Adjusted Forage Acre (£)	64	88
TENANT'S CAPITAL				Forage Acres per Grazing		
Livestock	19.9	20.3	19.1	Livestock Unit	-	_
Crops and Cultivations	46.9	39.5	55.8	Adjusted Forage Acres per		
Stores, etc.	13.1	8.2	12.3	Grazing Livestock Unit	_	. —
Machinery & Equipment	30.3	20.9	31.5	Gross Margin per £100 Labour (£)	372	427
TOTAL	110.3	88.9	118.6	Labour Cost per 100 Standard Man-Days (£)	667	633
				Machinery Costs per 1000 Tractor Hours (£):		
DESCRIPTIVE STATISTICS		1974-75		Licences, Insurance, Repairs	516	513
% of Land in: Cereals		59.4		Fuel and Electricity	334	389
Hops & Fru		1.3		Contract Depreciation	222 450	169 417
Other Crop Forage	s	16.5 20.8		•		
Bare Fallo	W	2.1		Total	1522	1488
Grazing Livestock Units:	-	100 ac.	As %	Gross Margin per £100 Machinery Costs (£)	507	572
Dairy Cows Other Cattle Sheep)	0.9 7.2 4.7	4 32 64	Gross Margin per £100 Labour and Machinery (£)	203	226
TOTAL	2	2.8	100			

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FINANCIAL RESULTS:	£ per	acre		Farm Type: Predominant	tly Pigs	and Poultry	,
•	Average 1974-75	Average 1973 - 74	Premium Farms 1974-75		Average 1974-75	Average 1973-74	Premium Farms 1974-75
No. of Farm Records	7	7	3	INPUTS			
Average Acreage	285	158	248	Bought Feed	89.9	-	106.4
ENTERPRISE OUT	PUTS			Home-Grown Feed	32.3	-	25.7
Dairy	18.1	-	-	Other Livestock V.C.'s	7.9	-	9.8
Other Cattle	9.9	-	12.4	Seed (inc.Home-Grown)	7.0	-	9.7
Sheep & Wool	2.9	-	-	Fertilisers	11.5	-	15.5
Pigs	150.8	, -	185.6	Crop Protection	2.8	-	4.6
Poultry & Eggs	39.0	-	76.9	Other Crop V.C.'s	3.2	-	6.8
				Casual Labour	11.2	-	23.8
Total Livestock	220.8	_	274.9	Contract Work	3.2	-	4.9
Cereals (inc. Straw	38.2		35.6	Total Variable Costs	169.0	-	207.3
Fruit & Hops	_	-	_	Regular labour - paid	40.0	29.2	56.9
Other Crops	39.7	-	91.8	Regular labour - unpaid	9.7	7.8	5.6
Total Crops	77.9		127.4	Machinery Depreciation	9.1	12.5	13.1
-				Fuel & 011	6.7	8.0	7.8
Miscellaneous Recei Forage & Tillage	pts 4.4	-	1.9	Mach.Repairs, Veh.Tax & Ins.	10.8	8.9	17.2
Valuation Change	s(-)0.6	-	0.9	Rent & Rates	15.0	12.7	15.6
Profit or Loss on Previous Year's				General Overhead Costs	13.2	11.1	20.4
Valuation	1.2		2.8	Total Fixed Costs	104.4	90.2	136.6
TOTAL ENTERPRISE OUTPUT	303.7	-	407.9	TOTAL INPUTS	273.4	_	343.9
NET OUTPUT	174.5	215.5	266.0				
GROSS MARGIN	134.7	170.9	200.6				

•	Average 1974-75				
PROFITABILITY					
MANAGEMENT & INVESTMENT INCOME	30.3	80.7	64.0		
NET FARM INCOME	40.0	88.5	69.6		
RETURN ON TENANT'S CAPITAL	13.4%	45%	32%		
TENANT'S CAPITAL					
Livestock	76.2	64.2	95.7		
Crops and Cultivations	28.4	26.6	27.8		
Stores, etc.	18.9	14.4	21.1		
Machinery & Equipment	52.8	58.4	72.8		
TOTAL	176.4	163.6	217.4		
DESCRIPTIVE STATISTICS		1974-75			
% of Land in: Cereals		51.5			
Hops & Fru Other Crop Forage Bare Fallo	S	10.2 34.6 3.8	•		
Grazing Livestock Units:	per	100 ac.	As %		
Dairy Cows Other Cattle Sheep	g	4.1 9.5 5.3	21 48 31 100		
TOTAL	19	9.9			

_	_						
Fart1	Type:	Predomina	ntiv	Pigs	and	Poultry	

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	303	407
Standard Output per acre (£)	272	317
Output From Forage per Farm Forage Acre (£)	93	54
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	99	180
Forage Acres per Grazing Livestock Unit	-	_
Adjusted Forage Acres per Grazing Livestock Unit	_	_
Gross Margin per £100 Labour (£)	223	237
Labour Cost per 100 Standard Man-Days (£)	747	757
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	764 522 300 675	1057 511 366 869
Total	2261	2803
Gross Margin per £100 Machinery Costs (£)	433	458
Gross Margin per £100 Labour and Machinery (£)	145	153

FINANCIAL RESULTS:	£ per	acre		Farm Type: Arable, Pi	gs and P	oultry
	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974-75	Average 1973-74
No.of Farm Records	7	11	4	INPUTS		
Average Acreage	254.9	168	145.5	Bought Feed	60.5	-
ENTERPRISE OU	TPUTS			Home-Grown Feed	22.7	-
Dairy	-	-	-	Other Livestock V.C.'s	5.3	
Other Cattle	4.4	-	-	Seed (inc.Home-Grown)	8.2	-
Sheep & Wool	2.8	-	_	Fertilisers	8.5	-
Pigs	125.3	-	201.9	Crop Protection	5.2	-
Poultry & Eggs	8.5	-	-	Other Crop V.C.'s	17.0	-
				Casual Labour	24.0	-
Total Livestock	141.1		201.9	Contract Work	2.9	-
Cereals (inc. Stra	w) 50.9		45.3	Total Variable Costs	154.3	-
Fruit & Hops	56.3	_	98.6	Regular labour - paid	32.1	22.9
Other Crops	49.3	_	80.0	Regular labour - unpaid	10.5	7.8
•			223.9	Machinery Depreciation	9.4	9.3
Total Crops	156.6		223.9	Fuel & Oil	7.4	6.2
Miscellaneous Rece	1pts 3.6	-	5.5	Mach.Repairs, Veh.Tax	14.7	9.1
Forage & Tillage	.(-)0.7		0.1	& Ins.	14.8	14.0
Valuation Chang Profit or Loss on	68(-)0.1	-		Rent & Rates		
Previous Year's				General Overhead Costs	12.8	9.0
Valuation	7.2	-	11.9	Total Fixed Costs	101.6	78.3
TOTAL ENTERPRIS	E 308.3		443.3	TOTAL INPUTS	255.9	
OUTPUT				:		
NET OUTPUT .	217.0	181.9	325.9			
GROSS MARGIN	154.1	135.1	230.2			

34 -

Premium Farms 1974-75

> 74.6 31.4 7.5 11.5 9.8 6.7 28.5 41.4 1.6

> > 43.5

15.7

13.3

10.1

20.8 17.2

19.2

139.7 352.8

	Average 1974-75		
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	52.4	56.8	90.5
NET FARM INCOME	62.1	64.3	104.8
RETURN ON TENANT'S CAPITAL	25.1%	38%	43.1%
TENANT'S CAPITAL			
Livestock	56.4	46.6	72.6
Crops and Cultivations	43.4	32.0	51.7
Stores, etc.	10.5	14.7	11.5
Machinery & Equipment	53.8	44.7	75.0
TOTAL	164.2	138.0	210.8
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals		56.1	
Hops & Fru Other Crop		5.7 17.7	
Forage Bare Fallo		17.1 3.4	
Grazing Livestock Units:	per 1	L00 ac.	As %
Dairy Cows Other Cattle Sheep	3. 10.		24 76
TOTAL	13.	6	100

Farm Type: Arable, Pigs and Poultry

EFFICIENCY STANDARDS	Average	Premiu
Total Enterprise Output per acre (£)	308	443
Standard Output per acre (£)	271	358
Output From Forage per Farm Forage Acre (£)	67	26
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	42	_
Forage Acres per Grazing Livestock Unit	_	_
Adjusted Forage Acres per Grazing Livestock Unit	_	_
Gross Margin per £100 Labour (£)	231	224
Labour Cost per 100 Standard Man-Days (£)	554	578
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	1015 528 271 655	1246 611 92 819
Total	2469	2768
Gross Margin per £100 Machinery Costs (£)	409	492
Gross Margin per £100 Labour and Machinery (£)	144	153

FINANCIAL RESULTS:	£ per	acre	
	Average 1974-75		Premium Farms 1974-75
No.of Farm Records	5	6	2
Average Acreage	271.4	261	504.5
ENTERPRISE OUT	PUTS		
Dairy	-	-	-
Other Cattle	13.3	-	24.5
Sheep & Wool	14.4	-	15.5
Pigs	12.7	-	22.7
Poultry & Eggs	65.7	-	19.4
Total Livestock	106.1	_	82.2
Cereals (inc. Strat	a) 31.9	-	43.9
Fruit & Hops	-	-	-
Other Crops	7.9	-	1.1
Total Crops	39.8	-	45.0
Miscellaneous Rece	ipts 6.3	-	1.8
Forage & Tillage Valuation Change	es 4.7	-	(-) 0.5
Profit or Loss on Previous Year's Valuation	0.9	_	0.2
TOTAL ENTERPRIS	157.8	-	128.6
NET OUTPUT	75.0	69.3	81.3

51.5

GROSS MARGIN

65.9

Farm Type: Sheep/Catt	le, Pigs/	Poultry and	Arable
	Average 1974-75	Average 1973-74	Premium Farms 1974-7
INPUTS			
Bought Feed	62.8	-	20.4
Home-Grown Feed	15.4	_	22.1
Other Livestock V.C.'s	3.7	-	3.0
Seed (inc.Home-Grown)	4.7	-	4.8
Fertilisers	7.1	-	6.7
Crop Protection	1.0	_	1.8
Other Crop V.C.'s	2.2	_	0.6
Casual Labour	3.9	-	1.0
Contract Work	5.6	-	2.3
Total Variable Costs	106.3	-	62.7
Regular labour - paid	12.7	4.0	15.0
Regular labour - unpaid	10.3	7.3	8.2
Machinery Depreciation	3.5	3.8	4.9
Fuel & Oil	3.4	2 .7	3.3
Mach.Repairs, Veh.Tax & Ins.	5.0	4.4	4.5
Rent & Rates	10.9	8.5	10.5
General Overhead Costs	6.6	4.5	4.
Total Fixed Costs	52.4	35.2	50.8
TOTAL INPUTS	158.6		113.
		-	

		•			1011 1,50
		Average 1974-75	1973-74	Premium 1974-75	EFFICIENCY
	PROFITABILITY				Total Ente
	MANAGEMENT & INVESTMENT INCOME	(-)0.8	17.3	15.0	acre (£ Standard 0
	NET FARM INCOME RETURN ON TENANT'S	9.5	24.6	23.3	Output Fro
	CAPITAL	(-)2.5%	22%	13.5%	Grazing Li concent Forage
	TENANT'S CAPITAL Livestock	44.0	31.2	42.4	Forage Acr
	Crops and Cultivations	25.2	17.9	22.4	Adjusted F
	Stores, etc.	8.4	5.9	12.2	Grazing
	Machinery & Equipment	24.6	21.8	33.3	Gross Marg
ı	TOTAL	102.3	76.8	110.4	Labour Cos Man-Day
37					Machinery (
1	DESCRIPTIVE STATISTICS		1974-75		Licen
	% of Land in: Cereals Hops & Frui Other Crops		43.9 0.6		Fuel a Contra Depre
	Forage Bare Fallow		55.5		
	Grazing Livestock Units:	per :	100 ac.	As %	Gross Marg Costs (
	Dairy Cows Other Cattle Sheep		- 12.9 31.1	29 71	Gross Marg Machine
	TOTAL		44.0	100	

	Farm Type: Sheep/Cattle, Pigs/Po	ultry and	Arable
Premium 1974-75	EFFICIENCY STANDARDS	Average	Premium
	Total Enterprise Output per acre (£)	157	128
15.0	Standard Output per acre (£)	126	127
23.3	Output From Forage per Farm Forage Acre (£)	54	81
13.5%	Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	39	61
42.4	Forage Acres per Grazing Livestock Unit	1.4	1.0
22.4 12.2	Adjusted Forage Acres per Grazing Livestock Unit	1.3	1.0
33.3	Gross Margin per £100 Labour (£)	227	278
110.4	Labour Cost per 100 Standard Man-Days (£)	594	609
	Machinery Costs per 1000 Tractor Hours (£):		,
	Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	564 386 637 384	443 326 221 485
	Total	1971	1475
As %	Gross Margin per £100 Machinery Costs (£)	314	440
29 71	Gross Margin per £100 Labour and Machinery (£)	124	170

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FINANCIAL RESULTS:	£ per	acre		Farm Type: Milk, Pigs/P	oultry a	nd Arable	
	Average 1974-75	Average 1973-74	Premium Farms 1974-75		Average 1974-75	Average 1973-74	Premium Farms 1974-75
No. of Farm Records	3	3	1	INPUTS			
Average Acreage	246.3	246	236	Bought Feed	83.0	-	37.2
ENTERPRISE OU	TPUTS			Home-Grown Feed	35.9	-	28.0
Dairy	103.9	-	72.0	Other Livestock V.C.'s	11.9	-	8.1
Other Cattle	17.9	-	2.6	Seed (inc.Home-Grown)	3.4	-	2.8
Sheep & Wool	-	-	-	Fertilisers	10.9	-	10.3
Pigs	88.3	_	60.8	Crop Protection	1.1	-	1.4
Poultry & Eggs	0.3	_	_	Other Crop V.C.'s	1.6	-	2.0
•				Casual Labour	5.1	-	6.3
Total Livestock	210.4		135.4	Contract Work	3.0	-	3.1
Cereals (inc. Stra			37.8	Total Variable Costs	155.8	-	99.1
Fruit & Hops		_	_	Regular labour - paid	35.5	29.6	37.6
Other Crops	10.0	-	25.1	Regular labour - unpaid	4.7	3.6	1.1
	45.8		62.9	Machinery Depreciation	6.2	7.3	6.3
Total Crops	47.0			Fuel & Oil	7.7	5.1	6.0
Miscellaneous Rece	ipts 3.2	-	6.1	Mach.Repairs, Veh.Tax	8.9	8.9	6.8
Forage & Tillage Valuation Chang	es 1.6	_	2.8	& Ins. Rent & Rates	16.2	14.8	13.3
Profit or Loss on				General Overhead Costs	11.0	9.2	9.8
Previous Year's Valuation	-	-	-	Total Fixed Costs	90.4	78.5	80.7
TOTAL ENTERPRIS	261.2	-	207.2	TOTAL INPUTS	246.2	_	179.8
NET OUTPUT	138.9	121.6	139.2				
GROSS MARGIN	105.3	95.6	108.1				

ı	
39	
1	

	Average 1974-75		
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	15.0	17.2	27.4
NET FARM INCOME	19.7	20.8	28.4
RETURN ON TENANT'S CAPITAL	11.4%	12%	24.8%
TENANT'S CAPITAL			
Livestock	99.0	92.3	45.1
Crops and Cultivations	13.6	13.4	10.4
Stores, etc.	20.3	16.1	17.4
Machinery & Equipment	38.2	37.0	37.5
TOTAL	171.1	158.8	110.4
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals		42.4	
Hops & Fru Other Crop Forage Bare Fallo	ន	2.8 54.8 -	
Grazing Livestock Units:	per	100 ac.	As %
Dairy Cows Other Cattle Sheep		32.2 19.5 -	64 36 —
TOTAL		51.7	100

Farri	Type:	Milk.	Pigs/Poultry	and	Arable
1 002 1.1	TAPO.	LITTING	I I go/ I Ou I or y	and	MADIC

Farm Type: Milk, Pigs/Poultry and	nd Arable	
EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	261	207
Standard Output per acre (£)	238	209
Output From Forage per Farm Forage Acre (£)	219	152
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	158	179
Forage Acres per Grazing Livestock Unit	1	1
Adjusted Forage Acres per Grazing Livestock Unit	1	1
Gross Margin per £100 Labour (£)	245	240
Labour Cost per 100 Standard Man-Days (£)	680	732
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	691 617 238 501	559 493 259 522
Total	2047	1833
Gross Margin per £100 Machinery Costs (£)	413	487
Gross Margin per £100 Labour and Machinery (£)	149	161

			,	•
	Average Acreage	188.8	224.0	160.1
	ENTERPRISE OUT	UTS		
	Dairy	-	-	-
	Other Cattle	1.0	-	1.3
	Sheep & Wool	1.5	-	1.1
	Pigs	1.2	-	-
	Poultry & Eggs	9.2	-	_
	Total Livestock	12.9		2.4
	Cereals (inc. Straw)	18.7	-	15.2
ı	Fruit & Hops	276.9	-	350.9
40	Other Crops	11.6	-	12.9
1	Total Crops	307.2	-	379.0
	Miscellaneous Receip	ts 7.3	-	6.2
	Forage & Tillage Valuation Changes	0.2	-	0.1
	Profit or Loss on Previous Year's Valuation	1.3		1.5
	TOTAL ENTERPRISE OUTPUT	328.8	-	389.3
	=			

173.2

261.7

161.7

378.0

231.0

FINANCIAL RESULTS: £ per acre

No. of Farm Records

NET OUTPUT

GROSS MARGIN

Average 1974-75

17

Average 1973-74

9

Premium

8

Farms 1974-75

Farm Type: Intensive	Arable -	Fruit	
	Average 1974-75	Average 1973-74	Premium Farms 1974-75
INPUTS			
Bought Feed	6.8	-	0.2
Home-Grown Feed	2.6	-	0.7
Other Livestock V.C.'s	0.8	-	0.2
Seed (inc.Home-Grown)	9.9	-	10.3
Fertilisers	9.5	-	8.7
Crop Protection	19.3	-	20.5
Other Crop V.C.'s	59.6	-	72.9
Casual Labour	41.7	-	40.1
Contract Work	5.4	-	4.6
Total Variable Costs	155.6		158.2
Regular labour - paid	45.6	18.0	44.9
Regular labour - unpaid	10.6	21.2	15.0
Machinery Depreciation	12.4	8.8	14.8
Fuel & Oil	7.9	5.3	6.6
Mach.Repairs, Veh.Tax			
& Ins.	10.8	9.1	8.8
Rent & Rates	21.5	15.6	23.5
General Overhead Costs	12.1	11.7	11.9
Total Fixed Costs	120.9	89.7	125.6
TOTAL INPUTS	276.5	_	283.9

	Average 1974-75	Average 1973-74	Premium 1974-75
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	52.4	72.0	105.4
NET FARM INCOME	62.8	82.8	120.4
RETURN ON TENANT'S CAPITAL	25.6%	49%	55.0%
TENANT'S CAPITAL			
Livestock	8.5	5.9	4.8
Crops and Cultivations	78.3	116.8	88.3
Stores, etc.	18.1	9.1	19.4
Machinery & Equipment	67.9	41.1	77.0
TOTAL	172.8	172.9	189.5
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Coreals Hops & Frui Other Crops Forage Bare Fallow		20.1 59.0 2.9 15.8 2.3	
Grazing Livestock Units:	per :	100 ac.	As %
Dairy Cows Other Cattle Sheep		- 3.3 3.6	48 52
TOTAL	. 6	5.9	100

Farm Type: Intensive Arable - Fruit

EFFICIENCY STANDARDS	Average	Premiur
Total Enterprise Output per acre (£)	328	389
Standard Output per acre (£)	229	245
Output From Forage per Farm Forage Acre (£)	14	22
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	8	24
Forage Acres per Grazing Livestock Unit		
Adjusted Forage Acres per Grazing Livestock Unit		
Gross Margin per £100 Labour (£)	175	229
Labour Cost per 100 Standard Man-Days (£)	304	270
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	557 384 362 632	454 350 267 726
Total	1935	1797
Gross Margin per £100 Machinery Costs (£)	486	675
Gross Margin per £100 Labour and Machinery $(£)$	124	165

	Other Cattle	11.7	-	10.0
	Sheep & Wool	3.9	-	5.7
	Pigs	-	-	-,
	Poultry & Eggs	-	-	-
	Total Livestock	15.6		15.6
	Cereals (inc. Straw) 30.8	-	28.5
1	Fruit & Hops	70.5	-	56.1
42	Other Crops	5.2	-	6.2
1	Total Crops	106.6	-	90.7
	Miscellaneous Recei	pts 6.0	-	3.4
	Forage & Tillage Valuation Changes	s 1.6	-	0.8
	Profit or Loss on Previous Year's Valuation	0.7	-	0.8
	TOTAL ENTERPRISE OUTPUT	130.4	_	111.4

79.2

FINANCIAL RESULTS: £ per acre

ENTERPRISE OUTPUTS

No. of Farm Records

Average Acreage

Dairy

NET OUTPUT

GROSS MARGIN

Average 1974-75

6

204.2

Premium Farms 1974-75

3

239.4

Average 1973-74

11

226

134.0

85.8

105.6

76.5

Farm Type:	Intensive	Arable -	Hops/Fruit	
		Average 1974 - 75	Average 1973-74	Premium Farms 1974-75
Danish Bara	INPUTS	7. (
Bought Feed	_	3.6	-	1.8
Home-Grown Fe		2.6	-	1.2
Other Livesto		1.0	-	1.0
Seed (inc.Hom	e-Grown)	4.8	-	2.7
Fertilisers		7.0	-	7.3
Crop Protecti	on	7.2	-	5.3
Other Crop V.	C.†s	12.3	-	4.7
Casual Labour		10.5	-	9.3
Contract Work		2.2	-	1.7
Total Vari	able Costs	51.1	-	34.9
Regular labour	r - paid	29.6	23.3	27.1
Regular labour	r - unpaid	7.7	3.7	5.0
Machinery Dep	reciation	7.1	7.0	6.4
Fuel & Oil		6.4	4.9	3.4
Mach.Repairs, & Ins.	Veh.Tax	9.8	7.5	6.0
Rent & Rates		13.3	12.4	13.0
General Overhe	ad Costs	6.0	7.2	6.2
Total Fixed	l Costs	79.9	66.0	67.1
TOTAL INPUT	rs .	131.0		102.0
	:			

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	Average 1974-75	Average 1973-74	
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	(-)0.6	19.7	9.4
NET FARM INCOME	4.5	22.8	14.4
RETURN ON TENANT'S CAPITAL	(-)0.3%	21%	11.6%
TENANT'S CAPITAL			
Livestock	22.9	22.0	22.2
Crops and Cultivations	21.9	24.1	16.3
Stores, etc.	15.1	12.3	9.5
Machinery & Equipment	40.0	35.2	36.5
TOTAL	99.9	93.6	84.4
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals		42.8 16.7	
Hops & Fru Other Crop		4.1 33.7	
Forage Bare Fallo	w	2.6	
Grazing Livestock Units:	per	100 ac.	As %
Dairy Cows Other Cattle Sheep		- 4.2 7.3	66 34
TOTAL	2	1.5	100

Farm Type: Intensive Arable - Hops/Fruit

EFFICIENCY STANDARDS	Average	Premiu
Total Enterprise Output per acre (£)	130	111
Standard Output per acre (£)	135	121
Output From Forage per Farm Forage Acre (£)	49	43
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	37	37
Forage Acres per Grazing Livestock Unit	_	_
Adjusted Forage Acres per Grazing Livestock Unit	_	_
Gross Margin per £100 Labour (£)	171	190
Labour Cost per 100 Standard Man-Days (£)	388	407
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	546 363 122 408	369 219 98 394
Total	14 39	1080
Gross Margin per £100 Machinery Costs (£)	344	456
Gross Margin per £100 Labour and Machinery (£)	110	131

FINANCIAL RESULTS:	£per	acre	
,	Average 1974-75	Average 1973-74	Premium Farms 1974-75
No.of Farm Records	5	7	4
Average Acreage	550.6	251	644.5
ENTERPRISE OUT	PUTS		
Dairy	-	-	-
Other Cattle	1.1	-	1.4
Sheep & Wool	1.5	-	1.8
Pigs	-	-	-
Poultry & Eggs	-	-	-
Total Livestock	2.6		3.2
Cereals (inc. Strav	1) 62.5		69.9
Fruit & Hops	0.1	-	0.1
Other Crops	67.8	-	73.2
Total Crops	130.4	-	143.2
Miscellaneous Rece:	ipts 3.1		2.9
Forage & Tillage Valuation Change	₉₈ (-)0.4	-	0.1
Profit or Loss on Previous Year's Valuation	24.8		30.9
TOTAL ENTERPRIST	160.5	-	180.3
NET OUTPUT	149.8	176.1	170.0
GROSS MARGIN	109.9	125.0	126.9

Farm Type: Intensive Arable - Field Vegetables

Average 1974-75	Average 1973-74	Premium Farms
	4/1J-14	1974-75
_		
0.4	-	0.6
0.2	_	0.2
-	_	-
10.1	-	9.5
8.4	-	7.8
5.5	-	5.8
10.8	-	13.1
10.3	-	11.7
4.9	-	4.7
s 50.6	-	53.4
16.6	26.6	20.7
d 10.7	7.7	10.1
7.0	7.5	7.1
3.2	4.6	3.5
7.4	7.5	6.6
15.1	13.1	15.1
7.3	6.9	8.0
67.3	73.5	71.1
117.9		124.5
	10.1 8.4 5.5 10.8 10.3 4.9 50.6 16.6 10.7 7.0 3.2 7.4 15.1 7.3 67.3	10.1

	Average 1974-75		
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	42.6	51.5	55.8
NET FARM INCOME	44.4	55.6	57.0
RETURN ON TENANT'S CAPITAL	32.2%	49%	42.9%
TENANT'S CAPITAL			
Livestock	5.3	5.9	6.6
Crops and Cultivations	69.4	42.1	71.7
Stores, etc.	10.6	9.3	12.1
Machinery & Equipment	39.3	41.0	41.2
TOTAL	124.6	98.3	131.6
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals		56.2	
Hops & Frui	t	0.2 37.4	
Other Crops Forage Bare Fallow		6.2	
Grazing Livestock Units:	per	100 ac.	As %
Dairy Cows Other Cattle Sheep		1.7	30 70
TOTAL		5.7	100
	-		

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Farm Type:	Intensive	Arable	_	Field	Vegetables

EFFICIENCY STANDARDS	Average	Premium
Total Enterprise Output per acre (£)	160	180
Standard Output per acre (£)	120	124
Output From Forage per Farm Forage Acre (£)	53	53
Grazing Livestock Cutput (less concentrate) per Adjusted Forage Acre (£)	39	39
Forage Acres per Grazing Livestock Unit	***	_
Adjusted Forage Acres per Grazing Livestock Unit		
Gross Margin per £100 Labour (£)	312	331
Labour Cost per 100 Standard Man-Days (£)	717	737
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	627 260 414 597	521 278 363 572
Total	1898	1734
Gross Margin per £100 Machinery Costs (£)	509	595
Gross Margin per £100 Labour and Machinery (£)	181	202

FINANCIAL RESULTS:	£ per	acre		Farm Type: Inte
	Average 1974-75	Average 1973-74	Premium Farms 1974-75	
No.of Farm Records	3	3	NA.	Ī
Average Acreage	206.3	207.0	N.A.	Bought Feed
ENTERPRISE OUT	PUTS			Home-Grown Feed
Dairy	128.5	-	-	Other Livestock V
Other Cattle	8.0	-	-	Seed (inc.Home-Gr
Sheep & Wool	-	-	_	Fertilisers
Pigs	_	-	-	Crop Protection
Poultry & Eggs	_	_	_	Other Crop V.C.'s
104101, 4 =00				Casual Labour
·				Contract Work
Total Livestock	136.5			Total Variable
Cereals (inc. Strat	v) 13.1	-	-	
Fruit & Hops	124.8	-	-	Regular labour -
Other Crops	0.9	-	-	Regular labour -
-	138.7			Machinery Depreci
Total Crops				Fuel & Oil
Miscellaneous Reces Forage & Tillage	ipts 7.9	-	-	Mach.Repairs, Veh & Ins.
Valuation Chang	es 1.3	. –	-	Rent & Rates
Profit or Loss on				General Overhead
Previous Year's Valuation	(-)0.1			Total Fixed Co
TOTAL ENTERPRIS	E 284.4	-	_	TOTAL INPUTS
OUTPUT				
NET OUTPUT	202.7	166.0		
GROSS MARGIN .	90.2	88.1		

46

ensive Arable - Hops/Fruit and Milk Premium Farms 1974-75 Average 1974-75 Average 1973-74 INPUTS N.A. 67.0 4.0 V.C.'s 10.2 10.7 rown) 9.1 10.7 27.8 21.1 33.6 e Costs 194.2 40.1 paid 47.2 3.2 2.3 unpaid 6.2 5.9 iation 4.8 5.8 h.Tax 10.4 12.1 14.7 14.2 14.3 11.1 Costs 90.1 102.2 osts 296.5

	Average 1974-75	Average 1973-74	
PROFITABILITY			
MANAGEMENT & INVESTMENT INCOME	(-)12.0	(-) 1.8	N.A.
NET FARM INCOME	(-) 9.7	1.4	-
RETURN ON TENANT'S CAPITAL	(-) 7.2%	5%	-
TENANT'S CAPITAL			
Livestock	67.0	70.5	-
Crops and Cultivations	24.8	21.5	-
Stores, etc.	19.1	12.8	-
Machinery & Equipment	36.9	35.5	
TOTAL	147.7	140.3	
DESCRIPTIVE STATISTICS		1974-75	
% of Land in: Cereals Hops & Fra		16.1 23.7	
Other Croj Forage Bare Fallo	=	60.2	
Grazing Livestock Units	: per	100 ac.	As %
Dairy Cows Other Cattle Sheep		8 1 4.3 -	<u> </u>

TOTAL

Farm	Type •	Intensive	Arable	_	Hons	/Fmit	and	Milk
r arri	TADGE	TILLETISTAG	Mante	_	TIO DO	/ I I U I U	anu	LITTE

EFFICIENCY STANDARDS	Average	Premiu
Total Enterprise Output per acre (£)	284	N.A.
Standard Output per acre (£)	244	-
Output From Forage per Farm Forage Acre (£)	186	-
Grazing Livestock Output (less concentrate) per Adjusted Forage Acre (£)	83	_
Forage Acres per Grazing Livestock Unit	1	_
Adjusted Forage Acres per Grazing Livestock Unit	2	_
Gross Margin per £100 Labour (£)	132	-
Labour Cost per 100 Standard Man-Days (£)	389	-
Machinery Costs per 1000 Tractor Hours (£):		
Licences, Insurance, Repairs Fuel and Electricity Contract Depreciation	588 284 1405 310	
Total	2587	-
Gross Margin per £100 Machinery Costs (£)	224	-
Gross Margin per £100 Labour and Machinery (£)	80	-

WHOLE SURVEY YIELDS AND OUTPUTS

			Yield per acre (cwts)		Output per acre	
CROPS	No. of Crops	Average	Standard Deviation	Average	Standard Deviation	
Winter Wheat	91	38.5	6.6	110.4	19.5	
Spring Wheat	5	23.6	5.4	72.8	10.2	
Winter barley	11	32.7	5.2	88.3	15.4	
Spring Barley	109	28.0	5.9	75.8	18.1	
Winter Oats	41	34.4	7.9	90.6	20.1	
Spring Oats	28	30.6	4.9	79.7	15.4	
Beans for Stockfeed	17	20.4	6.7	54.8	18.8	
Peas - dry	9	23.1	11.4	117.6	65.0	
Potatoes - First Early	7	152.3	53.7	356.7	67.6	
Potatoes for Ware	49	223.5	80.1	320.3	106.4	
Oilseed Crops	7	9.0	6.3	92.7	18.9	
Hops	12	12.8	1.3	528.0	114.6	
Cabbage - Spring Greens	8	110.8	30.7	169.1	138.0	
Cabbage - Late Summer + Autumn	6	-	-	146.3	72.9	
Brussels Sprouts - Fresh	13	93.8	25.8	220.7	153.8	
Broccoli	4	-	-	129.3	80.2	
Lettuce - Summer	10	. <u>-</u> '	-	1340.7	1533.5	
Peas - Green Processing	5	29.3	7.1	120.1	39.1	
French Beans - Processing	5	63.0	9.5	163.3	15.2	
Tomatoes - Heated Glass	12	_	-	10633.9	2053.4	
Apples - Culinary	14	106.6	40.5	488.7	231.7	
Apples - Dessert Cox	11	70.1	23.8	436.0	265.7	
Apples - Dessert Worcester	11	118.9	70.8	366.2	210.8	
Pears - Conference	11	72.6	117.2	398.7	488.4	
Cherries	5	-	-	72.0	39.6	
Blackcurrants - Fresh Market	4	-	-	287.9	74.6	
Strawberries - Fresh Market	17	51.1	10.0	941.5	409.3	
DAIRY COWS	No. of Herds		s per Cow	£ Output	per Cow	
Friesian	41	1002	149	294	47	
Channel Island	9	703	62	240	14	
Ayrshire	4	899	207	243	63	

DEFINITION OF TERMS

- Enterprise Output. Revenue adjusted for changes in valuation and purchase of livestock, i.e. (Closing Valuation + Revenue) (Opening Valuation + Livestock Purchases). Value of produce consumed in the farmhouse or supplied to workers for which no payment is made is also included, as is the value of output retained on the farm for feed and seed.
- Net Output. Total Enterprise Output less the cost of all Feed and Seed (including home grown). This is a better comparative measure than gross output.
- Inputs. Costs (after allowing for valuation changes and deducting livestock purchases) plus unpaid labour and rental value for owner-occupied land, less land ownership expenses, interest payments and paid management.
- <u>Variable Costs</u>, (as used in the calculation of Gross Margin).
 Those costs which can be both allocated to a specific enterprise and which will vary in proportion to the scale of that enterprise.
- Fixed Costs, (as used in the calculation of Gross Margins).

 Those costs which cannot easily be allocated to a specific enterprise and/or will not vary in proportion to small changes in the scale of the individual enterprises on the farm. Fuel and repairs are largely variable costs but they are usually treated as fixed costs because of the difficulty of allocating them and because the total sum alters little with small changes in the farm plan.
- $\frac{\text{Rent \& Rates}}{\text{that is}} \ \text{includes an estimated rental value for land}$
- Unpaid Regular Labour. The value of the unpaid labour of the farmer and his family.
- Gross Margin (Total for farm). Gross output less variable costs.
- Management & Investment Income. Gross output less total inputs.

 This represents the reward to management and the return on tenant's capital invested in the farm, whether borrowed or not.
- Net Farm Income is Management & Investment Income plus the value of the manual labour of the farmer and his wife.
- Tenant's Capital is calculated by averaging the opening and closing valuations of livestock, crops and cultivations, stores, etc., and machinery and equipment.
- Return on Tenant's Capital is Management & Investment Income expressed as a percentage of Tenant's Capital.

- Crop Enterprise Outputs. Sales plus Subsidies plus Market Value of produce retained and used on the farm for feed and seed, less Opening Valuation, for crops grown in the current cropping year.
- Profit or Loss on Previous Year's Valuation. Sales plus subsidies plus market value of produce retained and used on the farm for feed and seed, less Opening Valuation, for crops grown in the previous cropping year.
- Standard Output of a sale crop or type of livestock is its average price, including deficiency payments, multiplied by its yield or physical output. Standard Output for the whole farm is the sum of the products of these Standard Outputs and the respective acres of sale crops and numbers of livestock. (For the standards used see Page 52).
- <u>Grazing Livestock Units</u> are based on estimated annual starch equivalent requirements, a dairy cow representing 1 livestock unit. Figures for other stock are given on page 52.
- Output from Forage. The output of dairy cows, other cattle and sheep, plus hay sales and keep let, less rented keep and purchases of bulk foods such as hay and brewers' grain; changes in forage valuations are also included.
- Grazing Livestock Output. The output of dairy cows, other cattle and sheep.
- Farm Forage Acres. The total acreage of crops grown for feeding to livestock, excluding cereals.
- Forage Acres. Farm Forage Acres after allowing for the acreage equivalents of hay sales, forage valuations changes, and keep let and rented.
- Adjusted Forage Acres. Forage Acres plus an acreage allowance for bought hay and other bulk feeds.
- Milk Yield and Milk Sales per Cow. Total annual milk production and milk sales divided by the average number of cows and calved heifers during the year.
- Gross Margin per £100 Labour. Gross Margin x 100 divided by the value of total labour input, including unpaid manual labour, but not including paid management.
- Labour Cost per 100 Standard Man-Days. The value of total labour input x 100 divided by total standard man-days. A Standard Man-Day (or Man-Work Unit) represents eight hours of work by an adult male worker. The crop acreages and numbers of livestock are multiplied by the appropriate standard figures (see page 52) and the products are summed to give the total. 15% is added for maintenance requirements.

Machinery Costs per 1000 Tractor Units. Total annual machinery costs (i.e. depreciation, fuel and cil, repairs, vehicle tax and insurance and contract) x 1000 divided by the total number of tractor units. A tractor unit represents one hour of tractor work per annum. A total is obtained as for total standard man-days, using standard figures (see page 52), but no 15% is added.

Gross Margin per £100 Machinery Costs. Gross Margin x 100 divided by total annual machinery costs.

Farm Management Pocketbook is also available from Publications, School of Rural Economics and Related Studies, Wye College, Ashford, Kent. This booklet gives gross margins for different enterprises, together with detailed notes, and dates on labour, machinery, building costs, capital, taxation, and many other items.

	Standard Output	Standard Man-Days		Grazing Livestock Units
Wheat Barley Oats and Mixed Corn	80 70 70	1 1 1	7 7 7	
Beans - threshed Peas - threshed Vining Peas Potatoes Sugar beet Herbage Seeds Oilseed Cr Hops (Mach./hand picked) Dessert Apples Culinary Apples	65 80 130 230 165 100 75 550 310 275	1 1 2 12 5 1 1 50/125 38 37	7 11 25 27 8 7 90/65 35 25	-
Feed Roots (cut/folded) Kale (cut/folded) Hay and Silage (1 cut/2 cuts) Arable Silage Grazing Forage Sales Keep Let Bare Fallow	- - - - 25 20	12/3 6/1 1.5/2 1.5 0.5	30/10 40/9 6.5/10 10 2 - 8	- - - - -
Dairy Cows Bulls Beef Cows 15/18 month Beef (6-18 months) Other Cattle over 2 years " " 1-2 years " " ½-1 year * Calves,S.S to weaning * " M.S " * Other to 6 months *	250 - 80 70 70 30 70 60 40	6 4 2.5 3 2.5 2 1 1 2	8 7 7 5 7 5 7 5 3 1	1 1 .7 .8 .6 .4
Ewes Rams Other Sheep over 6 months	16 - 8	•5 •6	1.5 1 1	.2
Sows Boars Other Pigs over 2 months	190 - 50	4 2 •75	2.5 .5 1.2	- -
Laying Birds Pullets reared * Broilers * Turkeys *	4 1 .3 2	.1 .05 .01	.05 .01 - .02	- - -

 $[\]ast$ Use numbers produced during the year for these livestock. For others, use average numbers during the year, as collected from monthly livestock numbers.