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Swine - Statistics

WYE COLLEGE
(University of London)



PIG PRODUCTION SURVEY

RESULTS FOR SIX MONTHS ENDED 27TH OCTOBER 1962

BREEDING SECTION

Department of Agricultural Economics.

11	HERDS	WITH	UNDER	15	SOTS

Dans Maa	ר	0	2	,	E		7	0	0	7.0	77
Farm No:	1	2	3	4	5	6	7	8	9	, 10	11
Av. No. Of Sows:	3•9	6.0	6.0	7.0	7.0	10.1	10.7	12.1	12.7	13.0	14.5
THATTR PRODUCTION											
Pigs Born per Litter	11.0	9.3	11.0	7.3	10.3	10.5	7.4	8.5	11.7	10.0	8.0
Pigs Reared per Litter	9.3	7.5	9.9	6.7	6.1	8.7	5.9	4.3	9.0	9.0	6.2
% Mortality	15.8	19.0	10.0	7.4	41.0	17.5	20.4	49.1	23.5	10.3	26.4
Litters per Sow	0.5	1.0	1.0	0.6	0.9	. 1.1	. 0.7	0.8	0.9	1.1	. 1.1
Av. Weaner Weight (1b)	34.0	22.0 ^e	35.1	40.0	33.5	34.0	38.5	35•7	34.2	33.4	34•5 ^e
EFFICIENCY OF FEED USE											
Meal Equiv. per Sow (cwt)	14.1*	14.9	18.2*	9•4*	17.8	14.6*	12.5	10.7*	12.8*	. 7•9 [*]	17.3*
Food Cost per Cwt (sh.)	31.3	32.2	33.5	30.3	25.2	34.0	29.9	33.9	34.4	36.3	28.5
Food Cost per Weaner	€ 4.5	€ 3.1	€ 3.1	€ 3.7	€ 4.0	€ 2.6	£ 4.1	£ 3.8	£ 2.4	£ 1.5	€ 4.3
Food Cost per Lb Live weight gain	32.0d	33•4d	20.8d	22.2d	28.8d	18.3d	24.5d	25.8d	17.1d	10.8d	29.7d
Cutput per £100 Food	€ 47	€ 137	£ 162	€ 137	£ 116	€ 192	€ 97	£ 112	€ 119	€ 325	£ 139
				1							
RETURNS & "PROFITABILITY"	£	€	c €	€	£	£	£	£	€	€	£
Per Sow											
Output	10.2	33.6	49.2	19.6	24.3	46.1	18.0	20.4	26.3	44.0	34.4
Food Cost	22.0	24.0	30.5	14.3	21.0	24.8	18.7	18.1	22.0	13.5	24.7
Margin over Feed Cost	-11.8	9.6	18.7	5.3	3.3	21.3	- 0.7	2.3	4.3	30.5	9.7

^{*} Sows graze out of doors. e = early weaning.

BREEDING HERD RESULTS - SIX MONTHS ENDED 27TH OCTOBER 1962

12 HERDS WITH 15 - 30 SOWS

Farm No:	12	13	14	15		. 16	17	18	19	20	21	22	23
Av. No. of Sows	16.9	17.3	17.7	17.7		20.7	22.7	23.7	24.2	27.1	27.4	27.6	27.7
WEANER PRODUCTION													
Pigs born per Litter	10.6	10.1	10.9	10.8		12.1	12.2	10.0	11.5	11.0	10.5	9.8	11.1
Pigs Reared per Litter	8.2	9•5	10.1	6.8	•	8.8	9.0	7.4	9•7	9•9	8.6	9.6	8.2
% Mortality	22.9	5•7	7•5	36.9		27.3	26.4	26.5	15.8	10.0	18.2	2.3	26.1
Litters per Sow	0.8	0.9	1.0	0.7		0.8	0.9	0.8	0.6	0.9	0.8	0.8	1.1
Av. Weaner Weight (1b)	37.2	50.0	34.0	35.4		36.4	35.0	35.0	40.0	39•5	39•5	39.8	35.1
EFFICIENCY OF FEED USE													
Meal Equiv. per Sow (cwt)	18.5	16.2	17.5 [*]	16.2		18.9	14.7*	14.3*	14.9*	18 . 6*	7.1*	16.6	24.7
Food Cost per Cwt (sh.)	35.0	34.4	30.5	28.3		34.0	29.9	26.7	29.9	28.8	28.9	31.9	29.0
Food Cost per Weaner	€ 4.7	£ 3.0	€ 2.5	£ 3 . 9		€ 4.1	£ 2.4	€ 3.0	£ 3.9	€ 2.7	£ 1.4	£ 3.3	€ 3.6
Food Cost per Lb Live weight gain	30.0d	14.6d	17.9d	26.8d	•	27.2d	16.2d	20.5d	23 <u>,</u> 2d	16.4d	8.6d	20.0d	25.Od
Output per £100 Food	€ 112	£ 184	£ 190	£ 187		£ 107	€ 224	€ 154	€ 136	£ 160	€ 348	€ 149	£ 122
			**										
RETURNS & "PROFITABILITY"	£	£	£	€.		€	£	£	£	£	£.	€ .	£
Per Sow													
Output	36.3	51.4	50.7	40.4		41.7	49.4	29.4	30.3	42.7	35.6	36.2	43.7
Food Cost	32.5	28.0	26.6	23.0		32.1	22.0	19.0	22.2	26.8	10.2	26.5	35•9
Margin over Feed Cost	3.8	23.4	24.1	17.4		9.6	27.4	10.4	8.1	15.9	25.4	9.7	7.8

^{*} Sows graze out of doors.

11	HERDS	WITH	OVER	30	SOWS

Farm No:	24	25	2,6	27	28	29	30	31	32	33	34
Av. No. of Sows:	31.3	34.1	35.3	35.8	36.7	41.4	44.0	45.0	48.4	50.7	51.7
WEANER PRODUCTION											
Pigs Born per Litter	12.6	12.3	14.2	11.0	11.1	9.2	10.4	11.6	9.9	10.7	10.9
Pigs Reared per Litter	10.2	7.7	8,2	9.3	8.6	9.1	7.9	9.2	9.1	8.5	9.6
% Mortality	19.0	36.8	42.1	16.0	22.8	1.5	24.2	20.4	8.3	20.8	11.8
Litters per Sow	0.9	0.8	0.9	0.9	1.0	0.7	0.9	0.9	0.9	0.8	0.8
Av. Weaner Weight (1b)	42.5	40.0	39.0	40.6	38.6	45.0	37.3	43.4	40.2 ^e	37.5	38.0
EFFICIENCY OF FEED USE											
Meal Equiv. per Sow (cwt)	14.8 <mark>*</mark>	16.5	11.7*	15.1	14.9	.17•9*	13.4	14.6	16.4*	14.9	16.1
Food Cost per Cwt (sh.)	31.6	28.4	31.2	33•9	26.9	34.6	34.3	36.4	31.8	30.5	32.5
Food Cost per Weaner	€ 3.7	€ 3.3	€ 2.2	€ 2.7	€ 2.2	£ 4.7	£ 3.1	£ 2.9	£ 3.1	€ 3.1	£ 3 . 9
Food Cost per Lb Live weight gain	20.6d	19.8d	13.3d	16.2d	13.8d	25.3d	19.9d	16.0d	18.3d	13.8d	25.0d
Output per £100 Food	€ 192	€ 157	€ 182	€ 137	€ 207	£ 116	€ 112	€ 125	£ 141	£ 156	£ 148
									**	•	
RETURNS & "PROFITABILITY"	£	€	£	€	€	€	€	€	€	€	£
Per Sow				i 1	·						
Output	45.0	36.8	33.3	35.0	41.7	36.1	25.6	33.0	36.8	35•5	43.3
Food Cost	23.3	23.4	18.3	25.6	20.1	31.1	22.9	26.5	26.0	22.8	29.3
Margin over Feed Cost	21.7	13.4	15.0	9•4	21.6	5.0	2.7	6.5	10.8	12.7	14.0

^{*} Sows graze out of doors e = early weaning.

SUMMARY OF RESULTS

34 BREEDING HERDS - SIX MONTHS ENDED 27TH OCTOBER 1962.

	<u> </u>									
	11 Herds Wit	h Less Th	an 15 sows	12 Herds						
		Ran	ge*		Ran	ge*		Ran		
	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	
Av. No. of Sows:	9•4	3.9	14.5	22.6	16.9	27.7	41.3	31.3	51.7	
WEANER PRODUCTION										
Pigs born per Litter	9•5	7.3	11.7	10.9	9.8	12,2	11.3	9.2	14.2	
Pigs reared per Litter	7•5	4.3	9•9	8.8	6.8	10.1	8.9	7.7	10.2	
% Mortality	21.9	7.4	49.1	18.8	5•7	36.9	20.3	1.5	42.1	
Litters per Sow	0.9	0.5	1.1	0.8	0.6	1.1	0.8	0.7	1.0	
Av. Weaner Weight (1b)	34.1	22.0	40.0	38.1	34.0	40.0	40.2	37.3	45.0	
			č							
EFFICIENCY OF FEED USE										
Meal Equiv. per Sow (cwt)	13.6	7.9	18.2	16.5	7.1	24.7	15.1	11.7	17.9	
Food Cost per cwt(sh.)	31.8	25.2	36.3	30.6	26.7	35.0	32.0	26.9	36.4	
Food Cost per Weaner	€ 3.4	€ 1.5	€ 4.5	€ 3.2	€ 1.4	€. 4•7	€ 3.2	€ 2.2	€ 4.7	
Food Cost per Lb Live weight gain	24.0d	10.8d	33•4d	20.5d	8.6d	30.0d	18.4d	13.3d	25.3d	
Output per £100 Food	€ 144	€ 47	€ 325	€ 173	€ 107	348	€ 152	€ 112	£ 207	
RETURNS & "PROFITABILITY"	£	£	€	€.	£	£	€	€.	€	
Per Sow									٠	
Output	29.6	10.2	49.2	40.7	29.4	51.4	36.6	25.6	45.0	
Food Cost	21.2	13.5	30.5	25•4	10.2	35•9	24.5	18.3	31.1	
Margin over Feed Cost	8.4	-11.8	30.5	15.3	3.8	27.4	12.1	2.7	21.7	

^{*} These are the highest and lowest values recorded and are not the results of single farms.

FAT P	ΙG	RESULTS	 SIX	MONTHS	ENDED	2	TH T	OCTOBER	19	96:	2

15	PORK	PRODUCING	HERDS

	Farm No:	1 .	2	3	4	5	6	7	8
	Av.Live Weight all Fat Pigs (1b)	102	118	123	131	131	132	136	136
SALES									
Po	rkers								
% Tot	al Fat Rig Sales	73.4	100	100	98.2	94.5	100	85.5	100
Av. F	Price	£ 9.7	£10.0	£12.1	£12,3	£12 <u>.</u> 6	£12,8	10,7	£11,2
Av. I	oive Weight (1b)	117	118	123	131	134	132	130	136
Av. F	Price per Score (sh.)	33.3	33.9	39.4	37.6	37.6	38.7	32.9	32.9
									-
EFFICIE	ency of feed use								
Meal	Equiv.per Lb live weight gain	4.2	1.6	2.8	2.7	2.8	3.4	3.1	4.3
Food	Cost per Lb live weight gain	11.0d	5.6d	9.2d	9.8a	8.5d	10.91	10.6d	13.8d
Food	Cost per Cwt (sh.)	24.5	33.5	30.5	33.4	28.0	30.1	33.2	29.7
	at per £100 Feed	€ 129	€ 258	€ 195	€ 175	£ 224	£ 179	€ 144	€ 83
T :	A HENDOMERICAL TOWN	£	€	£	£	€	£.	€	£
-	3 & "TROFITABILITY"			č.		ω			
	er Fat Pig	8.4	10.0	12.1	12.3	12.3	12.8	11.5	11.2
	Value *	7.1	5.6	7.5	8.3	6.6	8.0	8.9	16.4
	Cost	•	-		4.0	5•7	4.8	2.6	- 5.2
Marg	in over Feed Cost	1.3	4.4	4.6	4.0	۱ • ر	4.0	 ∪	৴▼ ~
No.	of Fat Pigs Sold	154	41	167	106	176	186	82	98
	of Housing	P	P	P	P	D	DH	${f P}$	D

D = Danish. H = Harper Adams. P = Pen. * includes feed cost of weaner.

WYE COLLEGE (University of London)

PIG PRODUCTION SURVEY

RESULTS FOR SIX MONTHS ENDED 27TH OCTOBER 1962

FATTENING SECTION

Department of Agricultural Economics.

		<u> 15 P</u>	ORK PRODUCI	NG HERDS				
Farm No:	9	10	11	12	13	14	15	Average Results 15 Pork Herds
Av.Live Weight all Fat Pigs (1b)	137	139	139	141	142	147	150	134
SALES								
Porkers		·						
% Total Fat Pig Sales	100	50.8	100	100	96.8	92.5	100	92.8
Av. Price	£12.5	£12.2	£13.1	£13.4	£11.3	£14,2	£13.8	£12 <u>.</u> 1
Av. Live Weight (15)	137	123	139	141	140	132	150	132
Av. Price per Score (sh.)	36.5	39.6	37.7	38.2	32.3	43.3	36.7	36.7
EFFICIENCY OF FEED USE								
Meal Equiv.per Lb live weight gain	2.8	3.5	3.3	4.2	3.6	2.6	3.5	3.2
Food Cost per Lb live weight gain	8.7d	9 . 6d	10.6d	11.0d	11.8d	10.4d	10.2d	10.ld
Food Cost per Cwt (sh.)	29 . 0	25.5	29.9	24.2	30.4	36.7	27.4	29.7
Output per £100 Feed	£ 198	€ 232	£ 158	£ 176	€ 131	£ 211	€ 177	£ 178
RETURNS & "FROFITABILITY"	£	£	£	£	£	£	£	£
Per Fat Pig								
Av. Value	12.5	15,1	13.1	13.4	11.2	15.1	13.8	12.3
Food Cost *	7.7	7.7	9.5	11.5	9,0	8.0	8.9	8.7
Margin over Feed Cost	4.8	7.4	3.6	1.9	2.2	7.1	4.9	3.6
No. of Fat Pigs Sold	254	185	251	112	127	107	101	143
Type of Housing	HP	P	P	D	P	D	P	

D = Danish. H = Harper Adams. F = Fen. * includes feed cost of weaner.

FAT PIG RESULTS - SIX MONTHS ENDED 27TH OCTOBER 1962

		6 CU					
	7.6	2.5	7.0	10	00	0.1	Average Results 6 Cutter Herds
Farm No:	16	17	18	19	20	21	
Av.Live Weight all Fat Pigs (1b)	194	196	196	197	198	199	197
SALES .							
Cutters							
% Total Fat Pig Sales	91.5	71.6	100	100	100	94.6	93.0
Av. Price	£16.9	£17.1	£15.9	£16.4	£17.5	£18.6	£17.1
Av. Live Weight (1b)	200	197	196	197	198	203	199
Av. Price per Score (sh.)	33.8	34.7	32.4	33.3	35.2	36.5	34•3
EFFICIENCY OF FEED USE		ė .					
Meal Equiv.per Lb live weight gain	3.6	4.3	2.5	3.5	3.6	4.3	3. 6
Food Cost per Lb live weight gain	12.4d	12.2d	7.6d	10.2d	12.4d	13.3d	11.4d
Food Cost per Cwt (sh.)	32.5	26.6	28.5	27.0	32.6	28.6	29.3
Output per £100 Feed	€ 144	€ 149	€ 243	€ 170	£. 14 9	€ 148	€ 167
				•			
RETURNS & "PROFITABILITY"	€	€	£	£	£	£	€
Per Fat Pig							
Av. Value	16.4	17.2	15.9	16.4	17.5	18.2	16.9
Food Cost	12.3	12.3	7.0	10.5	12.5	12.9	11.2
Margin over Feed Cost	4.1	4.9	8.9	5•9	5.0	5•3	5•7
No. of Fat Pigs Sold	340	155	73	23	151	74	136
Type of Housing	P	D	P	H	P	D	

		13 BACO	1 PRODUCING	F HERDS			
Farm No:	22	23	24	25	26	27	28
Av.Live Weight all Fat Pigs (1b)	187	188	192	194	199	200	204
SALES Baconers % Total Fat Pig Sales	93•9	85.3	90.1	96•4	63.6	89.6	86.9
Av. Price Av. Live Weight (1b) Av. Price per Score (sh.)	£18.3 186 39.2	£17.1 196 35.0	£17.9 199 36.1	€17•5 198 35•4	£17∙9 206 35∙0	£18.6 203 36.6	£18.0 206 35.0
EFFICIENCY OF FEED USE Meal Equiv.per Lb live weight gain	4.0	4.1	4•3	3.1	3.1	4.4	3. 9
Food Cost per Lb live weight gain Food Cost per Cwt (sh.) Output per £100 Feed	14.6d 34.2 € 105	11.5d 26.6 £ 144	13.7d 29.9 £ 143	8.4d 25.1 € 214	12.6d 38.1 £ 145	14.1d 30.1 £ 130	9.6d 22.8 £ 175
RETURNS & "PROFITABILITY"	€	€.	£	€	£	£	£
Per Fat Pig Av. Value Food Cost Margin over Feed Cost	17.9 11.8 6.1	16.7 12.7 4.0	17.3 12.6 4.7	17.2 9.4 7.8	16.6 11.9 4.7	18.1 14.1 4.0	17.8 11.7 6.1
GRADING %						•	
Grade 1 Grade 2 Grade 3	88.3 4.8 -	40.9 16.4 -	67.4 3.0 3.8	53.0 17.4 23.8	66.4 10.1 - 0.8	83.2 10.6 - 0.8	33.0 15.5 39.0 5.0
Grade 4 Others	6.9	0.9 41.8	17.8	3.8 3.0	22.7	5•4 126	7.5
No. of Fat Pigs Sold Type of Housing	263 D	129 H	293 HP	137 P	187 H	D	45 P

,	13 BACON PRODUCING HERDS								
14 18 18 18 18 18 18 18 18 18 18 18 18 18	Farm No:	29	30	31	32	33	34	Average Results 13 Bacon Herds	
	Av.Live Weight all Fat Pigs (1b)	204	205	206	208	214	216	201	
% Tota Av. Pa Av. La	coners al Fat Pig Sales rice ive Veight (1b) rice por Score (sh.)	95•3 £18•1 203 35•7	85•4 €15•5 205 30•3	86.4 £18.1 208 34.7	75•9 £17•7 209 33•8	100 £18.0 214 33.6	93•7 £18•3 203 36•1	87.9 £17.8 203 35.1	
Meal : Food : Food :	NCY OF FEED USE Equiv.per Lb live weight gain Cost per Lb live weight gain Cost per Cwt (sh.) t per £100 Feed	3.9 11.5d 27.8 £ 158	3.6 10.4d 27.4 £ 150	3.6 12.1d 31.6 £ 146	3.4 11.3d 31.5 £ 183	4.1 13.4d 30.7 £ 114	3.0 10.2d 31.6 £ 182	3•7 11•8d 29•8 € 153	
Pe Av. V		£ 17.8	£	£	€ 16.6 8.5	£ 18.0 16.3	£ 18.6 10.1	£ 17.5 13.0	
Food Margi	Cost n over Feed Cost	12.1 5.7	11.9 4.5	13.4 4.7	8.1	1.7	7.5	4.5	
GRADING Grade Grade Grade Grade Other	1 2 3 4	75.3 14.3 - 2.2 8.2	66.3 9.3 - 1.1 23.3	49•1 15•8 - - 35•1	57.5 28.0 10.0 4.5	35.0 - - 2.5 62.5	81.5 4.4 - 3.0 11.1	61.3 11.5 5.8 3.3 18.1	
	f Fat Pigs Sold of Housing	191 P	226 DH	66 DP	353 D	40 P	144 H	169	

							Average Results
Farm No:	35	36	37	38	39	40	6. Heavy Hog Herds
Av.Live Weight all Fat Pigs (1b)	223	242	246	251	258	259	247
SALES							
Heavy Hogs							
% Total Fat Pig Sales	74.8	100	86.0	90.0	100	92.8	90.6
Av. Price	£20 . 6	£18.9	£21.4	£20 . 9	£21 . 9	£22 . 1	£21 . 0
Av. Live Weight (1b)	257	. 242	. 262	. 264	258	_. 268	259
Av. Price per Score. (sh.)	32.2	31.1	32.7	31.6	34.0	32.9	32•4
EFFICIENCY OF FEED USE				·			
Meal Equiv.per Lb live weight gain	3.7	3.3	4.2	3.3	4.5	4.8	4.0
Food Cost per Lb live weight gain	11.jd	11.5d	11.5d	10.8d	12.4d	13.6d	11.8d
Food Cost per Cwt (sh.)	28.3	32.2	25.3	30.8	25.8	26.6	28.2
Output per £100 Feed	£ 161	€ 140	€ 146	£ 149	€ 149	€ 129	£ 146
RETURNS & "PROFITABILITY"	£	£	£	£	£	€	€
Per Fat Pig	-0.4	70.0	00.0	00.0	07.0	03. 2	20.1
Av. Value	18.4	18.9	20.0	20.0	21.9	21.3	
Food Cost	12.1	14.4	14.5	14.5	15.3	17.0	14.6
Margin over Feed Cost	6.3	4•5	5•5	5•5	6.6	4.3	5•5
No. of Fat Pigs Sold	306	208	352	79	185	209	223
Type of Housing	P	D	DP	P	P	DP	
•							

40 FATTENING HERDS - SIX MONTHS ENDED 27TH OCTOBER 1962

	15 Pork Herds Range*			6 Cutter Herds Range*			13 Bacon Herds Range*			6 Heavy Hog Herds * Range			
	Average		Highest	Average	Lowest	Highest	Average		Highest	Average	Lowest		
Av.Live Weight all Fat Pigs (1b)	134	102	154	197	194	199	201	187	216	247	223	259	
SALES % Total Fat Pig Sales Av. Price Av. Live weight (1b) Av. Price per Score (sh.)	92.8 €12.1 132 36.7	50.8 € 9.7 117 32.3	100 14.2 150 43.3	93.0 €17.1 199 34.3	71.6 €15.9 196 32.4	100 £18.6 203 36.5	87.9 £17.8 203 35.1	63.6 £15.5 186 30.3	100 £18.6 214 39.2	90.6 £21.0 · 259 32.4	74.8 £18.9 242 31.1	100 £22.1 268 34.0	
EFFICIENCY OF FEED USE Meal Equiv.per Lb live weight gain	3.2	1.6	4.3	3 . 6	2 . 5	4.3	3.7	3.0	4.4	4.0	3.3	4.8	
Food Cost per Lb live weight gain Food Cost per Cwt (sh.) Output per £100 Feed	10.1d 29.7 £ 178	24.2	13.8d 36.7 £ 258	11.4d 29.3 £ 167	7.6d 26.6 £ 141	13.3d 32.6 £ 243	11.8d 29.8 € 153	8.4d 22.8 ₤ 105	14.6d 38.1 £ 214	11.8d 28.2 £ 146	10.8d 25.3 £ 129	32.2	
RETURNS & "PROFITABILITY"	£	£	£	€.	€	£	£	£	£	£	€	€	
Per Fat Pig Av. Value Food Cost Margin over Feed Cost	12.3 8.7 3.6	8.4 5.6 -5.2	15.1 16.4 7.4	16.9 11.2 5.7	15.9 7.0 4.1	18.2 12.9 8.9	17.5 13.0 4.5	16.4 8.5 1.7	18.6 16.3 8.1	20,1 14.6 5.5	18.4 12.1 4.3	21.9 17.0 6.6	
GRADING % Grade 1 Grade 2 Grade 3 Grade 4 Others							61.3 11.5 5.8 3.3 18.1	35.0 3.0 - -	88.3 28.0 39.0 17.8 62.5			·	
No. of Fat Pigs Sold	143	41	254	136	23	340	169	40	353	223	79	352	

^{*} These are the highest and lowest values recorded and are not the results of single farms.

JDS/GDT/DO'F 14,2,63.