

The June litter would have to be carried through as summer stores on pasture and meat-meal when no apples were available, and finished off in the early part of the apple season. The December litter would be weaned on to apples and finished as bacon at the end of the apple season.

On the assumption that the equivalent of 1000 cases of apples are not gathered or are rejected on a 15-acre orchard, it is recommended that one sow be kept to deal with this quantity. One sow could be kept for each addi-

tional 1000 cases that are unmarketable. Many farmers have had little success with feeding apples, chiefly because they went the easy way about it, and were not prepared to adjust their ideas to fit the circumstances. They bought pigs too dear, had insufficient equipment, and used insufficient supplementary feeds.

Because of these experiences an outline is given of the programme of feed and costs and returns for one sow and her two litters to bacon in a year. Approximately 1000 cases of

apples, half a drum of molasses, one ton of meat-meal, 36 bushels of barley, and two acres of grazing, at a total cost of £24, gives a return of 14 baconers of 150lb carcass, worth more than £50. The equipment necessary would be approximately £30 per sow. The following details are worth careful study by anyone interested, and the thanks of the Department are due to the Christchurch District Pig Council and farmers in Motueka and Christchurch districts who have assembled these data.

**Sows Farrowing December—Baconers following August.**  
(Including November to January farrowing period).

**One Sow and Litter of seven Pigs.**

**FEED REQUIRED.**

					Average Amts. Req. Daily.	Total feed Reqd.	
December to February	Sow suckling .. .. .	..	..	..	2 lb. =	120 lb. =	1/4 drum
	60 days' feeding .. .. .	..	..	..	2 lb. =	120 lb. =	1 cwt.
	Weaning weights, 35 lb. .. .. .	..	..	..	4 lb. =	480 lb. =	10 bushels
and grazing or pasture, clover, lucerne, carrots.							
February to April	7 weaned pigs .. .. .	..	..	..	1/2 lb. =	210 lb. =	2 cwt.
	60 days' feeding .. .. .	..	..	..	1 lb. =	420 lb. =	8 bushels
	35 to 70 lb. live weight .. .. .	..	..	..	4 lb. =	1,680 lb. =	42 cases
April to August	7 fattening pigs .. .. .	..	..	..	1/2 lb. =	735 lb. =	7 cwt.
	140 days' feeding .. .. .	..	..	..	20 lb. =	19,600 lb. =	490 cases
	70 to 200 lb. live weight .. .. .	..	..	..			

**COST OF BOUGHT FEED.**

1/4 drum molasses at £2 per drum .. .. .	£0 10 0
10 cwt. meat-meal at £14 per ton .. .. .	7 0 0
18 bushels barley at 5/- per bushel .. .. .	4 10 0
<b>Total feed costs .. .. .</b>	<b>£12 0 0</b>

**VALUE OF PIGS PRODUCED.**

7 baconers, 150 lb. carcasses, at 6d. per lb. .. .. .	£26 5 0
Less feed costs .. .. .	12 0 0
<b>Return for 532 cases apples fed .. .. .</b>	<b>£14 5 0</b>

The return works out at approximately 6d. per case.

**Sows Farrowing June—Baconers following April.**  
(Including June to August farrowing period).

**One Sow and Litter of seven Pigs.**

**FEED REQUIRED.**

					Average Amts. Req. Daily.	Total feed Reqd.	
June to August	Sow suckling .. .. .	..	..	..	2 lb. =	120 lb. =	1/4 drum
	60 days' feeding .. .. .	..	..	..	2 lb. =	120 lb. =	1 cwt.
	Weaning weight, 35 lb. per pig .. .. .	..	..	..	2 lb. =	120 lb. =	2 bushels
August to October	7 weaned pigs .. .. .	..	..	..	1/2 lb. =	210 lb. =	2 cwt.
	60 days' feeding .. .. .	..	..	..	1 lb. =	420 lb. =	4 bushels
	35 to 70 lb. live weight .. .. .	..	..	..	8 lb. =	3,360 lb. =	84 cases
October to January	7 store pigs .. .. .	..	..	..	1/2 lb. =	315 lb. =	3 cwt.
	90 days' feeding .. .. .	..	..	..	1 lb. =	315 lb. =	12 bushels
	70 to 130 lb. live weight .. .. .	..	..	..			
January to April	7 fattening pigs .. .. .	..	..	..	1 lb. =	420 lb. =	4 cwt.
	60 days' feeding .. .. .	..	..	..	25 lb. =	10,000 lb. =	250 cases
	130 to 200 lb. live weight .. .. .	..	..	..			

**COST OF BOUGHT FEED.**

1/4 drum molasses at £2 per drum .. .. .	£0 10 0
10 cwt. meat-meal at £14 per ton .. .. .	7 0 0
18 bushels barley at 5/- per bushel .. .. .	4 10 0
<b>Total feed costs .. .. .</b>	<b>£12 0 0</b>

**VALUE OF PIGS PRODUCED.**

7 baconers, 150 lb. carcasses, at 6d. per lb. .. .. .	£26 5 0
Less feed costs .. .. .	12 0 0
<b>Return for 382 cases apples fed .. .. .</b>	<b>£14 5 0</b>

The return works out at approximately 9d. per case.