

TABLE IV.—Gilt Performance by Breeding of Gilts.

Breeding of Gilts	No. of Sows	Birth		21 Days		35 Days	
		No.	Wt.	No.	Wt.	No.	Wt.
Lot I—without B-vitamins							
Chester	3	6.66	2.59	6.66	10.95	6.33	15.95
Yorkshire X Duroc.....	4	10.00	2.93	10.00	12.43	9.75	16.27
Yorkshire	4	10.25	2.33	10.00	10.45	10.00	14.63
Berkshire X Duroc	1	8.00	3.00	8.00	10.13	8.00	16.00
Berkshire X Yorkshire....	2	8.50	2.49	7.50	12.87	7.50	14.60
Lot II—with B-vitamins							
Chester	3	7.33	2.99	6.33	12.26	6.33	16.57
Yorkshire X Duroc	4	10.75	2.87	10.00	12.63	10.00	16.95
Yorkshire	4	7.00	2.62	6.25	12.32	6.25	15.60
Berkshire X Duroc	1	10.00	3.00	10.00	10.70	9.00	16.22
Berkshire X Yorkshire....	2	8.00	2.61	7.50	10.53	7.50	15.80
Percent heavier			6.72%		5.15%		5.98%

These experiments indicate the value of providing sufficient amounts of the B-complex vitamins for pregnant gilts and sows. The results further show that a breeder cannot depend upon 25 percent good sun cured alfalfa in the ration to provide all the vitamins necessary in adequate amounts. With the low current cost of adding those vitamins to a protein supplement, a swine producer cannot afford to omit these vitamins from the rations of pregnant gilts and sows bred to farrow in the spring.

TO SOLVE A CONCRETE PROBLEM

When pouring a concrete floor it is a good idea to put a well lapped cover of roll roofing of heavy duty grade over the area to be covered with concrete, according to engineers at Rutgers University. This will prevent moisture from coming to the surface and thus help prevent grain spoilage, and caking of fertilizer or molding of hay and dry forage that might be stored on concrete floors. It also keeps such floors drier and somewhat warmer for animals lying on it and may help solve the wet litter problem in poultry houses.

COOL SHOWER BATH GOOD FOR PIGS

At the University of Minnesota's branch experiment station at Waseca, experiments show that 500 growing hogs can gain a total of 1,000 pounds a day if they have access to cool showers during hot weather. A pig that gets too hot may eat so little he won't gain an ounce, but if there is a way to keep cool, hogs will gain as much in hot weather as at any other time. Pigs at 75 or 80 pounds will gain 2 pounds daily if they're kept cool, the experiments show.

COLD STORAGE SPACE HAS INCREASED

The 18th biennial survey on the amount of refrigerated warehouse space now available in this country shows that such space has increased by 65 million cubic feet since 1953 to a total of 813 million cubic feet as of Oct. 1, 1955. About 377 million cubic feet of it will hold temperatures at 0° F. or lower. The rest of it is for storage at 0° F. or above.