

Barley Meal for Hogs

I am told that Danieb bacon is incre-by barley fed. We can grow good crops of barley here, and i would like to have one of the start the Wisconsin Experimental Sta-tion have tested the value of barley baco with extensivel. In one

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In one for hogs quite extensively. experiment reported from that sta experiment reported from that sta-tion barley meal was fed in opposi-tion to corn meal, 471 lbs, of the former and 435 lbs, of the latter being required for 100 lbs. of grain, In a second experiment at that station barley meal and corn meal were fed in conjunction with skim milk, and it in conjunction with skim milk, and is was found that 330 lbs. of barley and 308 lbs. of skim milk were equally efficient with 306 lbs. of corn meal and 371 lbs. of skim milk in adding

weight to fattening pigs. From both of these experiments it would appear that corn meal is the more efficient feed of the two, it requiring eight per cent more barley quiring eight per cent more barley to produce a given gain. Barley, how-ever, has a value apart from mere gain in weight. The Danes have found it to be the best single grain for the production of bacon of the highest quality. In Canada, where highest quality. In Canada, where the bacon hog is the popular one, barley has a greater value than corn meal, although a mixture of the two would probably be better than either one fed separately, the price being the same, pound for pound.

Rape for Pork Production

High prices for all grain feeds and the failure of clover on many farms have caused a large number of feeders of hogs to look for forage crops, which with a light grain ration, will produce fairly rapid gains at a moderate cost. Investigations at the Ohio Experiment Station have shown rape to be one of the very best crops for this use if clover is not available.

Six pigs, weighing about 45 pounds each at the beginning of the test, were kept on slightly less than one-quarter of an acre of rape for eleven weeks. During this time the pigs received 825 pounds of a mixture of nine parts by weight, of ground corn to one part tankage, and gained 369 pounds in weight. Another plot, more fertile than this one, yielded an even more luxuriant growth of rape, and showed

a larger carrying capacity. The rape from the better plot show-ed a replacement value of over \$48 per acre when the gains produced and concentrates consumed by pigs, some receiving corn alone and some receiving corn and tankage on the rape, and similar pigs fed corn and tankage dry lot, were compared. In this calculation corn was valued at 56 cents per bushel, and tankage (60 per cent. crude protein) at \$48 per ton.

If wet, rank rape is pastured, sore-If wet, rank rape is pastured, sore-ness of the skin, particularly about the eats, is occasionally developed. This may be avoided to some extent by keeping pigs from the rape while very wet, or if it occurs may be relieved by the application of lard, oil, or other induce rapediate. other similar material.

FARM AND DAIRY

acre, at any time from April 1 to July 16. Rape will do well in ordinary seasons in any part of the state, if provided with a good seed bed in fer-tile, well-drained soil. On weedy land there is an advan-

tage in drilling in rows far enough apart to permit cultivation; besides, there is likely to be less damage to the rape from tramping.

Under favorable conditions, rape should be ready for pasture in six to eight weeks from time of seeding. will continue to grow until late fall. It may be pastured with a moderate number of pigs continuously or may be fed down rather closely and then allowed to grow up again, whichever plan is most convenient,

Care Before Weaning

Prof. W. B. Richard, N.D.A.C. Young pigs should be given plenty of opportunity for exercise from the time they begin to get strong enough to run about. If they are confined too closely they are apt to take on flesh too rapidly and become infected with what is known as thumps. Thumps are indicated by violent vibrations of the heart. It is caused by the deposi-tion of far about the internal organs. When the pigs get an attack of thumps they never will thrive well afterwards, and it often results in death.

If the weather is cold it is a good plan as soon as the pigs are old plan as soon as the pige to catter enough to begin eating, to scatter some grain on the floor of the alley-ways and let them pick it up. Lots scatter should be provided adjoining the pens of the piggery in order that the pigs may have the run of them as soon as the weather will permit. They should be transferred to a grass lot as soon grass com

Pigs generally have learned to eat when they are about three weeks old. From this time on they should be encouraged to eat as much as possible. Provision should be made so that the pigs can be fed in an enclosure to pigs can be red in an enclosure to which they may gain access by means of a creep. When they first begin to eat, feed a mixture of middlings and skim milk, for there is nothing better little ground oats may be added to their ration when they are about a month to six weeks old.

Harvesting the Alfalfa Crop (Continued from page &

"If the weather is at all threatening I throw these windrows into small coils. My idea is to allow the hay to cure naturally, that is by evaporation through the leaves. Curing in this way the hay is put in the barn fresh way the hay is put in the barn fresh and green in appearance and very polatable. Curing in the swath in the way that timothy is generally cured, will lose you most of the plant. "In recent years I have been ex-perimenting with hay caps and find them yery satisfactory nationally in a strationally in them yery satisfactory nationally in the strational of the methods of the strational of t

them very satisfactory, particularly in dull weather."

Silage Demonstrates Its Superirity

(Continu & from page 4) have this of good quality at all times. Soiling crors that are too green or too ripe, or that have become lodged and not palatable. It is much easier to control conditions which insure good silage than it is in control those which insure good soils. It is advised

mmer silo be of small diameter 10 feet, for a herd of 20 kewise, we would advise that while the summer silo affords the most economical methother similar material. would advise that make the summer Dwarf Esser rape is the variety best silo affords the most economical meth-suited for forage. It may be sown od of feeding cattle when pastures are boodcast or drilled solid at the rate dry, soling crops, such as a mixture of five to seven pounds of seed per of peas and oats are much to be are, or drilled in rows at the rate preferred to no supplementary feeding of three to four pounds of seed per at all.



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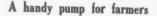
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