## SOUTHERN \* FARM \* NOTES.

TOPICS OF INTEREST TO THE PLANTER, STOCKMAN AND TRUCK GROWER.

Feeding Value of Distillery Slops.

W. L. H., Knoxville, writes: I can purchase mash or slops from a corn whisky distillery cheaply; can also purchase from the farmer shredded corn stover cheaply. Would the stover cut fine and mixed with the mash and steamed for several hours make a good feed for a milk cow when fed with cowpea hay, bran and cotton seed meal? If so, how much of each should be fed to a 1000pound cow per day? Would the mash or slop make a good feed for growing pigs or fattening hogs? Would it make a good feed for laying

Answer-Finely cut and steamed shredded fodder, mixed with cotton seed meal and bran, and fed along with cowpea hay should make a very satisfactory ration for the dairy cow. I do not happen to have had any experience in feeding mash or slops from a distillery, and can not give you a very satisfactory opinion on the point about which you make special inquiry, but I do not suppose the fermented mash or slop would be particularly good for a dairy cow. Clean, sweet feed is an important item in producing good milk and butter. You can easily determine for yourself whether the slops are having any objectionable effect on the health of the cow or the quality of the milk and butter produced by lrying the mixture you propose for a few days. A 1000-pound cow givng a good flow of milk should reseive from eight to twelve pounds of grain, twenty to twenty-five ten pounds of good cowpea hay.

hogs to gorge themselves, and it will be better if you can arrange for them to run out on grass or clover a good part of the time. I should not hink it would .- Andrew M. Soule.

Making Silage From Clover.

H. B., Wytheville, writes: Would you recommend clover for silage? We have a silo made of two by fours set flat and banded by rod iron. Lost one crop of corn in it by bands bursting. We are thinking of trying the wooden bands and filling with second crop clover. What time should it be cut?

Answer-Clover comes next to corn and sorghum as a silage crop. It should be cut when in full bloom, or when in good condition to make hay. There are some advantages in putting clover in the silo. First, all the leaves can be saved, and as they contain two-thirds of the protein compounds, it is an important matter to preserve this part of the plant. When clover is made into hay a good per cent. of the leaves are shattered off and lost, even under the best management. It would cost probably more to put clover in the silo than corn as the yield is not so great, though from eight to twelve tons of green clover should be obtained from an acre of land. Clover does not pack as well in the silo as corn, and it should therefore be well tramped, and it will not be preserved unless the silo is practically air-tight, which calls for good construction. We have used a stave silo in our own experience with satisfaction, and if properly made there is no reason why it should not answer every purpose. Probably the hoops you used were too few in number, too far apart, or of insufficient size. One should watch the hoops on a stave silo closely and should bear in mind the fact that when the staves are drawn up tight when the silo is dry at it should be during the summer time, and the taps not loosened when filled with succulent food, the hoops are almost certain to be broken on account of the swelling of the staves. It is not necessary to feed quite so much grain with clover silage as with corn or sorghum silage as it is richer in protein elements and a better balanced

Curing Choice Hams on the Farm.

food .- Knoxville Journal.

M. A. W., Aspinwall, writes: I would like to know the process that is used in curing the famous Smith-

will equal in quality the choicest wishes of the operator. Shallow, output of Smithfield is a simple mat- level cultivation, however, has, I ter if proper care and attention are think, unquestionably been proven taken. First of all, the hogs should to be the most desirable practice to weigh from 180 to 200 pounds. They follow in the cultivation of corn. should be brought to this weight in You acted wisely in fertilizing your ten months and should not be fed crop with phosphate and potash, and much corn. They should be allowed I hardly think it advisable for you Try LOMBARD, Augusta. to range as much as possible, because to apply any nitrate of soda. You that ensures a better blending of can put nitrogen in the land cheaper the fat and lean. In the early winter | through the use of leguminous crops to have out all night to thoroughly Soule, in Knoxville Journal.

drain and cool. The next day cut up after the approved method, leaving as much meat on the shoulder and the ham and sides as possible, On the fleshy side of each ham rub in thoroughly a tablespoonful of fine saltpetre. Use at least this much to a fifteen pound ham. Then pack away for six or eight hours with the fleshy side up so that the saltpetre may have time to strike in. Do not pile the hams too high or they will be crushed out of shape. Kneading and proper manipulation at the time of packing is a very important matter as a symetrical and well-rounded ham will sell to better advantage. Next pack away and salt, but never pile over two and a half or three feet deep. Let them remain there for at least six weeks; then when taken out of the salt, sprinkle well with powdered borax. There is nothing better for the distribution of the borax than a pepper box. About a teaspoonful will be enough for a ham. The borax is used to keep the skippers out. Next hang up by the hock and smoke lightly during damp weather with hiccory chips. A hog averaging 180 pounds will make two hams of about eighteen pounds in weight. Larger or smaller hams are of course unde-

Agricultural Value of Orchard Grass. W. J. L., Whitepine, writes: I would like to know the name and

sirable .- A. M. Soule.

value of enclosed grass. Answer-The sample of grass sent us is known as orchard grass. This is bounds of the steamed fodder and one of the best general purpose grasses for hay and pasture known The mash or slop can be fed with and it will grow on a great variety better satisfaction to pigs than to of soils. It does very well even on lows. Hogs are fattened rapidly stiff red clay, though its preference and successfully in connection with is for a lighter soil. Like any other most distilleries. Do not allow the grass, if grown on rich, moist bottoms it will make a larger yield than on thin land. In sections where taere is difficulty in obtaining blue grass, orchard grass can be grown advantageously. It should be seeded at the rate of about three bushels per acre in the early spring. The seeds weigh about fourteen pounds to the bushel and being very light should be covered well with a harrow. Orchard grass tends to grow in tussocks, hence some finer growing grass should be sown with it, ·like red top or Kentucky blue. Where neither one of these can be used, alsike or white clover will answer the purpose very nicely. Ten pounds per acre will be enough clover seed to use. On rich soil orchard grass makes a fair yield of hay. It is not so nutritious as herd's grass and timothy, and should be cut when just coming into bloom. It needs to be sown thickly in order to keep the stems fine which are inclined to be coarse at best and are not so readily eaten by live stock on that account. Orchard grass will furnish a large amount of pasture and can be grazed during a good part of the year. It is a grass which had not been as fully appreciated as it should be and farmers who are having difficulty in securing sod land for either grazing or hay purposes will do well to look

Deep vs. Shallow Corn Cultivation.

into the merits of orchard grass .--

C. H., Paeonian Springs, writes: I would like your opinion as to the shallow cultivation of corn. I have applied sixteen per cent .of acid phosphate and muriate of potash. Would you advise top dressing with nitrate of soda?

Some years of experience and obseravtion confirms us in the belief that shallow cultivation of corn is the proper practice to pursue. We are supported in this by numerous investigations made at various stations throughout the country. Land intended for corn should be deeply and thoroughly prepared before planting. When planted if a dry spell follows the weeder should be run over the land; in fact, a weeder may be used to cultivate the corn for several weeks after it is up, provided the land contains sufficient vegetable matter. On very heavy clay land devoid of vegetable matter, it may be necessary to use a harrow. The first one or two cultivations of corn may be fairly deep, and there is no reason why a two-horse cultivator should not be used advantageously, as it can be run deep or Answer-The curing of a ham that shallow, largely according to the slaughter them and allow the meat than in any other way .- Professor

In The Old Parler.

He was desparate.

"Give me a kiss." he hissed, "or by the rings of Saturn I shall turn on the gas."

The beautiful girl was appalled. "Oh, don't do that, George!" she faltered. "Please don't." Then what should I do? Remem-

ber, I am a desparate man." "Why-why, turn down the gas." With The Mitts.

"Excuse me, sir," said Mr. Buttinski. "but have you a good education ?"

"Pretty fair, pal," replied the man with oxlike biceps and beer-mallet

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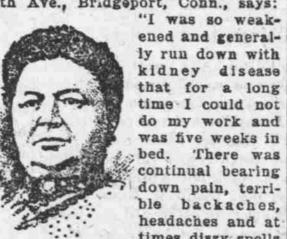
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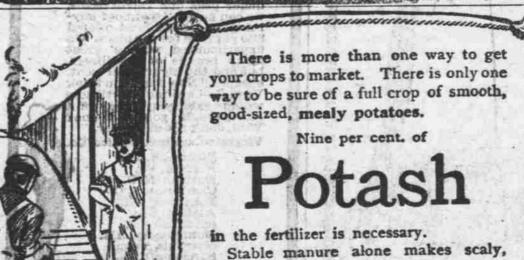
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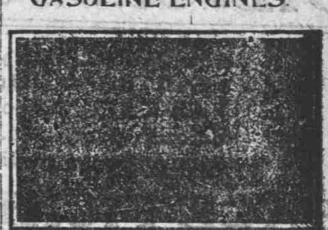
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