QUESTIONS AND ANSWERS. Miscellaneous.

CEMENT GRANARY-HOME-MADE CONCRETE MIXER.

1. Please give a description of cement granary in your valuable paper, one that would do for a 100-acre farm, with as much cement construction as possible for floors, etc., and bins, without grain spoiling. Would like a passageway through center, and door at each end. 'Granary must not be too expensive, but strong and compact. State length of rafters, S. BROS. etc.

Ans.-1. A granary in which the floors, walls and bins, are all of cement, is some thing we have never heard of, and would not advise anyone to build. Some years ago, "The Farmer's Advocate" asked for the experience of readers who had used concrete granary floors, and, while one man stated that his grain kept well, except the first year, when it was a little damp, the testimony of another was that his oats for the lower six inches were wet and unfit for use. In granary construction, the foundation walls and the floor are as much as it would be safe to build of cement, and it is a question whether even that is wise, unless the floor be raised a foot or so above ground The building above, including bins, should be of boards, with balloon or timber frame. A granary 20 x 24 feet, with 8 feet passage down the center, would store 1,400 bushels of grain.

FERTILIZER FOR CLOVER-ALSIKE FOR SEED-PURE-BRED WHITE BULL.

1. I have a ten-acre field I intend seeding to Mammoth clover. Parts of the field are light. I don't like the idea of top dressing for fear of foul seeds in the manure. Is there anything else I might use to ensure a good catch of clover, and at what cost per acre? Would salt be good, and how much per acre?

2. I have a six-acre field that I hoed and manured last season. It is a loamy top, hard bottom, and in good, clean condition. I would like to seed it to alsike. Would you think it a proper place to grow alsike seed, or is there any danger of getting too much straw?

3. Does alsike improve the land as does other clover?

4. I have another field which I pastured last year; it was clover and timothy, and when I plowed it last fall there was a good, stiff sod. Parts of the field are heavy land; some of it is stony; some of it rich ground, and some sandy and damp. There was some grass in the sod. Would the above field be a good place to seed to alsike for seed? Would the sod prevent a good catch? a low-lying field.

5. Would you have any objections to buying a white bull, pure-bred, or would the color indicate bad breeding? Is there a family of white cattle, and where?

Ans.-1. Unleached wood ashes, fifty bushels per acre, or other potassic fertilizers, should be an excellent fertilizer for clover, particularly on the sandy places. Land plaster, sown after plants appear, has a magical effect on clover sometimes, especially on new land. Salt is not a manure, and would probably do little

2. Clay land seems to be most suitable for the growing of alsike seed. Would, however, think your field quite likely to grow such seed well. If weather conditions are such that straw is too rank to produce seed abundantly, the crop can be cut for hav.

3. Alsike improves the soil, but to a smaller extent than does red clover. 4. The soddy condition of the field

would probably hinder rapid growth of alsike for a month or two, and thus tell against the success of the catch. Owing to the presence of so much grass, it is unlikely that there could be more than one crop of alsike seed harvested before the alsike was too much overcome by grass to make it profitable for seed. Would advise against trying for alsike seed on this field, unless for a single season.

5. There are many pure-bred Shorthorns entirely white. This breed is often spoken of as the red, white and roans. There is no important breed of white cattle

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