First Prize Plan of Bank Barn.

AWARDED TO A. C. ATTWOOD, OF VANNECK P. O.

We were pleased to have such a large competition for this prize, there having been over twenty plans sent in. We applied to the Forest City Grange to appoint judges, which they did. The gentlemen appointed awarded the prize to the accompanying plan. Neither of the judges were acquainted with Mr. Attwood or any of the other competitors, and they were fully competent to decide, although we doubt not but some may think and 1st Oct., 1875.

the decision erroneous; but all cannot be of the same opinion. We award also second and third prizes as an acknowledgment. Some competitors that have taken pains to send boxes, large rolls, and massive packages, may have them returned at the present time by sending postage stamps; or they can have them sent by express. Should we pay return carriage on all, it would cost us very near as much as a prize or an engraving. We return each competitor our thanks, and hope each may yet be successful at some future time, as we purpose offering more prizes on different subjects. We have had the plan engraved for our readers' considera-

DEAR SIR,-I close in with your offer in March No., and send you a plan of a Bank Barn, such as I think ought to please Mr. Hunter, or any other hunter of a good plan. The plan has cost me a good deal of thought and trouble to get up, and I hope it will be satisfactory. I find no fault with the liberality of your offer of a prize, but Mr. Hunter must bear in mind that no architect would be a plan short of \$25 and I think it. draw him such a plan short of \$25, and I think it is his place to offer the frame as his prize if you give the chromo.

The Ground Plan contains two mows, 18 x 50 each; also a loft over granary and chaff-room, 15 x 50; a chaff-room, 15 x 29, connected at one end with a chaff-room in basement. Instead of an enclosed granary, I approve of tight binns, raised on blocks or scantling five inches

from the floor, which allows cats to get at the rats; each binn to have a separate cover on hinges, so it can be fastened up, and when down all is kept clean. Con-structed in this way they are more handy at threshing time; also on cleaning up the grain again the fanning-mill can be brought right beside each binn, and in this case leaves a wide barn floor.

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A A, mows; BB, driving floors; C, chaff-room; D, passage between floors; E, way down to basement; F F F F F F F F, grain binns; G G G G, large doors; H H, trap doors to put roots down to basement; I, connection between upper and lower chaff-rooms; J openings for putting hay down in horses' racks and cattle mangers. One of the binns to be fixed so as to conduct chop stuff down to F ajustment in basement.

DESCRIPTION OF BASEMENT. A, horse stable; B B, mangers; C C C, passages D D, cow stables; E, chaff-room connected with upper chaff-room; F, passage for mixing feed; G, tank with pump; H, root cellar that will contain

inclined to heat. I regard large chaff-rooms as important. A good straw-cutter can fill both of those chaff-rooms in one day's cutting. A turnip

pulper can be placed in passage F, of basement, and run from a jack on barn floor. Pulped turnips and cut straw mixed together and left for a few days, makes the best feed. The basement is to be built of stone, 1½ feet walls, so that it will be frost proof. The water can be easily brought into the tank by conductors from the eave-troughs, down into the ground below frost, through tight soldered tin conducters through the wall into the tank. This plan may not be just exactly what Mr. Hunter wants, still it may be of use to him by making a few modifications.

The Great Central Fair will be held in the City of Hamilton, on the 28th, 29th and 30th Sept.

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BASEMENT PLAN OF A BAMK BARN, 50x75.

Extracts from Walks and Talks on the Farm, in American Agriculturist

"In Works of Labor or of Skill."

D

11×30

"You must be making a pile of money out of your pigs this winter," remarked the Squire.

"I am making a pile of manure," I replied,
"and hope to get a little money from the old farm by and by. I have had the men and teams drawing out manure for over a week, and putting it in a pile in the field where I am going to sow mangels

"I see," said the Squire, "you have got three extra day hands. The Deacon and I think it does

stones from the heaps to build a stone wall next spring. Then there is wood to haul, and straw and hay to chaff. We have ten tons of plaster to draw nine miles from the mill, and draining tiles an equal distance. And as fast as we get spare barn room, we can draw in a stack of hay from the field." "You ought to build a new barn," said the

When I do I shall aim to draw the materials in the winter," I replied, "and not be compelled to neglect farm work in summer. I tell you, if you

only go at it, you can find plenty of work for your teams to do in winter. And if by hiring a man you can keep a team busy, that would otherwise be doing nothing but eating hay in the stable, it will pay to do so.

"Perhaps you are right," said the Squire, "but the days are very short, and you want men who

"Begging your pardon," said I,
"that is precisely what I don't
want. I want a man who will work after dark at night, rather than a man who is poking round before light in the morning. When we are drawing out manure, I like to see a man fill his load at night, and have it all ready to hitch on and nave it all ready to fitten on to the first thing in the morning. Your sluggish 'early bird' will not do this. He will be up at 4 o'clock in the morning. He will be watching the clouds and specu-lating about the weather. It will be too cold, or too wet, the road will be slipnery, or too rough or will be slippery, or too reugh, or there will be too little snow, or it will be drifted. There will be a lion in the way, and he will have to wait until broad daylight before he can make up his mind whether to

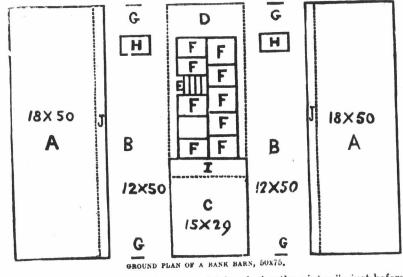
go to work or not. Finally he will get out his horses and let them stand shivering while he fills his load. The other man, who got all ready the night before, brings out his horses cheerfully and promptly, hitches them to the load and is off to the field, whistling merrily in the frosty air. He warms himself up by throwing off his load with a will, and is back again before the other has made a beginning. It is so with everything we do. The

great thing is to get an early start."
"That is precisely what I say," broke in the

Squire. "Exactly, but you want to begin the day in the morning, while I want to begin it in the evening.

"The evening and the morning were the first day."

'Give not sleep to thine eyes, nor slumber to thine eyelids, till you have done all that you ought to do.' It is bad enough to lie abed late in the morning. It is worse to lock up the stable door soon after sundown, leaving the horses hastily fed and poorly groomed, that you may spend the long evening yawning over a hot stove.



man must do his ewn thinking. I keep eight horses. They cost me at least \$16 a week. I want horses. They cost me at least \$16 a week. I want to make them earn their living. As long as I can

I never saw a field of wheat that was sown to make them earn their living. As long as I can find work for the teams that ought to be done, I about 2,500 bush.; I, way up to barn; JJJJJJ, doors.

If it is desired to have a larger root cellar, the chaff-room could be made narrower, or a part of it could be used as a cellar; but it is unwise to put too large a bulk of turnips together, as they are so inclined to heat. I regard large chaff-rooms as

Wheat Raising.

After doing all that can be done to make a large yield, and everything may look promising until the wheat is about to be harvested, the farmer has often noticed that his wheat has has often noticed that his wheat has ripened too fast, and the quantity has been reduced, and also the quality of the grain is inferior to what was expected. I have often seen this state of things. Now, there is a cause for it, and I believe there is a remedy. I have never failed to raise good, plump grain where clover was sown among the wheat. My opinion is this—that

which is one of the best fertilizers .- N. E., in