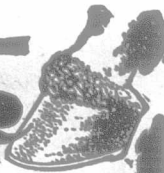


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## Questions and Answers. Miscellaneous.

### Growing Alsike.

In seeding down a field from which you intend to take a crop of alsike seed, would you sow timothy or red clover along with the alsike? If so, would you have the seed of these in the alsike seed, and can you separate them from the alsike seed?

E. M.

Ans.—By all means sow nothing but alsike where you expect to reap alsike for seed. One of the greatest troubles in alsike growing is to keep timothy out, even though it is not sown. Never mix anything with the alsike where grown for seed.

### Apple Dealers.

Five years ago I went into business with a firm in England to buy apples. They furnished the money, and I did the buying and shipping to them on consignment. There was a loss of \$3,000—which they say I have to make up to them. Now, all I am worth is a large farm stock and machinery. Can I make an assignment to them and let them take the chattels and sell them, and settle, so much on the dollar, for whatever they bring, and get a settlement for what they claim I owe them?

Ontario. READER.  
Ans.—No;—that is to say, they would not be obliged to accept the chattels in settlement of their claim. But perhaps their claim is not valid. We think it would be well for you to consult a lawyer personally on this point, and, in the event of his advising you that the claim is one that could be legally enforced, instruct him to negotiate a suitable settlement.

### Addition to Barn.

I am adding a piece for a hay-barn on a cedar-log building. It is to be 50 feet by 18 feet 6 inches, walls 11 feet high, square pitch roof. I can get tamarack for foundation (set on mud sills and cedar blocks), and spruce for posts and rafter plates. What sizes, and how many posts would I need? I can cut and square them in my own bush, using 2 x 4 scantling for rafters, and what braces would be needed? Would rafter plates do in two pieces braced? How would be the best way to do it?

O. A.  
Ans.—By your inquiry, I would understand that you intend to add an extension to a log building, this extension to be 50 feet long, 18 feet 6 inches wide, and 11 feet high. Such a building could be laid off nicely into two mows, each 18 feet wide, and one drive floor 14 feet wide between these mows. This would require a corner post and two side posts at each side wall, and for a small building like this, I think 6 x 6 inch would be quite sufficient. Across the end, and at each side of the barn floor, you could arrange to have a cross beam, also 6 x 6 inches. Frame, 3 x 4 inch brace between the post and this cross beam at each end, giving it a run of about 3 feet.

The wall plate should also be 6 x 6 inches, and you can splice this over any of the posts by making a lap splice two feet long, and arranging to have a lower tenon on this post, so that it may extend up through the laps of both pieces of the plate.

For a building of this kind, I would certainly recommend a self-supporting hip roof, no matter what kind of a roof you already have on your log building to which this extension is to be added. Make the lower part of this roof with a three-quarter pitch or eighteen-inch rise, and the upper part with a one-third pitch or an eight-inch rise. In order to get that portion of the width of the building which the lower roof will cover, it is necessary to divide the whole span up into fifths, and then allow the lower roof to cover one of these fifths, and the upper or center roof to cover the remaining three-fifths. The hip joint is made by nailing a piece of 1 x 6 inch board on each side of the rafters at this point. Make this board about three feet long. The ridge of the rafters are secured together by nailing a collar tie two feet long on each side. This may be a piece of board 1 x 8 inches.

The girths in the side walls and ends may be 4 x 4 inches, and of course are framed into posts.

A. A. G.



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