

seeds are light, and it does not need a very high wind to make the sowing irregular. As the barrow delivers the seed nearer the ground, it will, as a rule, distribute the seeds more evenly than the most practised sower by hand. But whichever method is adopted, there is a decided advantage in making two sowings. If the grasses and clovers are mixed together, half the quantity should be sown by passing up and down the land, and the other half by crossing the first sowing at right angles.

When the grasses and clovers are separate, the grasses can be put in one way, and the clovers should cross them.

A bush harrow is the best implement for covering seeds. In its absence a light iron harrow will answer, and the lighter it is the better, and yet on second thought, perhaps a chain harrow is best of all.

What is wanted is, that as many seeds as possible shall be just covered with soil, and no more. Grass seeds will germinate and become established when they are merely pressed on the surface of the earth, provided they are not consumed by birds or scorched by a hot sun. But many will not germinate at all at a greater depth than half an inch. Hence the necessity of fine soil and shallow sowing.

The roller must promptly follow the harrow, and it makes a better and more certain finish to go over the ground twice, in different directions, with a roller of moderate weight than to accomplish the task at one stroke with a heavier implement. This holds good, too, when having a good seed, you wish to make a lawn. The importance of this part of the work will be made apparent if any spots are missed by the roller, for on those spots there will be no grass plants.

A good plant may be obtained by first rolling with the ring roller then sowing the seed and afterwards crossing the land once or twice with the ordinary smooth roller.

Sowing grass seeds by the seed drill is comparatively a recent practice, and for light sandy soils, especially in a dry spring, it has decided advantages. Under favorable conditions drilled seeds germinate freely, and endure summer drought when surface sown seeds become malted. The covered drill affords protection from direct sunshine, the seeds have more certain access to moisture, and on grain that has grown too high to render broadcasting a safe procedure, the drill may often be available.

In any case the coulters should be adjusted carefully for shallow sowing, and must be set as closely as possible.

Sowing at two operations should also be considered a necessity. The harrow will not be requisite after drilling, but the importance of rolling down firmly is of greater consequence than when seeds are got in by hand or the seed barrow.

Hard and fast rules cannot be laid down for the time of sowing. In a great measure it depends on the weather, and perhaps the easiest way of arriving at a conclusion will be to consider separately the relative merits of spring and autumn sowing.

W. H. GILBERT.

Worth Remembering

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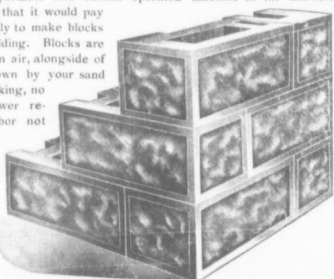
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While all the elements of growth are in skim milk, it has but little tendency to fatten.

It is wasteful feeding to give corn meal to cows without mixing it with more bulky food.

If you have a good cow, see that she has a good manger.

Cattle can thrive only by good feeding, and without thrift there can be no profit.