

Gerald & Co's Post

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One Dollar for six months.

The terms will be rigidly adhered to. To secure the paper at the reduced rate, send one-half paid cash.

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One Column, in paper, for one year, \$25
Half a column, per do., do., do., \$15
Two columns, per do., do., do., \$30
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100 PRINTING, OF EVERY DESCRIPTION,
Such as Handbills, Blanks, Circulars and every other description of printing, executed handsomely and promptly and at the LOWEST RATES.

ADVANCE IN AGRICULTURAL KNOWLEDGE.

We make the following extracts from a serial article in the Massachusetts Plowman, under the above head:

"Hay and grass are our most important products. We cannot live well without grain, but without hay and grass our cattle cannot subsist. Without cattle we have no dairy; and without a dairy the luxuries of modern days would not be extolled. When the grain harvests fail we can import from abroad, as we did in 1837, from Sicily and other places in the Mediterranean, three or four thousand miles from us. But hay is too bulky for convenient transport, and cattle in the interior often die from starvation when there is an abundance of fodder in other parts of the country. Within a few years many cattle died in Ohio for want of hay, though it was thought there was hay enough in that State for all its stock, could it have been properly distributed.

It is more important, therefore, to make sure of home supply of hay than of grain; and farmers find their grass and hay crops quite as profitable as any. Fifty years ago it was not uncommon to find farms of one hundred acres, each that yielded but very little merchantable hay. We have known such farms that produced only enough of pure English hay to keep through the winter a single horse. The oxen and cows were fed on hay from our natural meadows. In the summer the horse, as well as the other stock was turned out to pasture. We know of farmers that now produce ten times as much hay annually as they did fifty years ago. Yet farmers' labor, now harder than formerly. It is nearly as easy a matter to cut an acre of grass that will make two tons as one that makes but half a ton; and the raking is now done by horse power. Horse rakes were hardly thought of in this vicinity fifteen years since. All our tools are better, and the cost of harvesting ton of hay is not much more than half what it was."

EFFECTS OF CATTLE SNOWS.—These holidays of the farmers are deservedly becoming more popular as their good effects are seen. More people and more cattle are now brought together in the several countries where societies are established as time advances; and farmers have the means of seeking and comparing products beyond the limits of their own farms.

At the late show at Worcester 450 head of nice cattle were brought together for examination. Many of these were proved in the plough teams and on the wagons. Old sows and young heifers were exhibited. Steers, calves and bulls were examined, and the various remarks that were made by the experienced farmers were heard by the youngers who came to play. Horses, hogs, and hens were all thought of worthy of notice.

In addition to the live stock the best fruits of the country were exhibited.—Who that has eyes or taste and a bit of land would live long without attempting to supply his family with the best fruits of our climate? Apples, pears, peaches, grapes, currants, cranberries, gooseberries, and plums?

Then we find collected together the best tools for farming and for other purposes—the best manufactured articles for household use—and these made principally in families at home.

Directions for Planting Fruit Trees.—As it frequently occurs that persons after purchasing fruit trees that are in perfect health, and paying full price, and sometimes an extra waggon one for them, will plant them so carelessly that the half will perish, and the others be at a stand for some years, after which they commence growing slowly, but never become healthy, which is much to the dissatisfaction of the purchaser; I shall therefore attempt to give directions that I think will, if properly adhered to, give satisfaction.

1st. If they have been out of the ground for some time, it will much benefit them to forward their growth if they are immersed in water for about twenty-four hours.

2d. The holes for the trees should be sufficiently large to admit the roots without bending or crushing them together—say from three to five feet in diameter, and one to two feet deep, according to the size of the tree, to which depth the soil should be laid, and covered with its jacket lined with rich soil, or compost fully fermented, always avoiding any mat that would have any tendency to dry out.

3d. All the dried parts of the roots should be cut off, and the tree placed upside down, so that the upper root will be about three inches below the surface when the hole is filled; then let out the tree perfectly upright, and another pulverize the soil, and throw it on the roots, during which time the person holding the tree should shake it gently, so as to settle the soil well among the roots, for this is an important matter; then pour a bucketful of water over the tree, and the water will penetrate the jacket and the roots, and the tree will be in a fit state for planting.

4th. The tree should be planted in the city with a layer of rich soil, and a bucketful of water over the tree, and the water will penetrate the jacket and the roots, and the tree will be in a fit state for planting.

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