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AGRICULTURAL.

DIFFERENT KINDS OF FOOD FOR STOCK.

1st. *Early Rye.*—The earliest food which [illegible] upon in the spring, for soiling [illegible]. We much prefer the [illegible] however and more nutritious [illegible] the straw become tough and hard [illegible] consequently lasts longer.

Cultivation.—If the ground be not already rich, it should be [illegible]. It cannot be made too rich [illegible] Plow deep, harrow fine [illegible] Now take an extra quantity of [illegible] broadcast, as early as the [illegible] last week in September. [illegible] three inches deep [illegible] plow; leave the land [illegible] without harrowing or rolling. [illegible] extra quantity of seed, the [illegible] however, and more tender: [illegible] the land rough, the plant is [illegible] unmerchantable. Plowing in the [illegible] is of advantage: the plant strikes [illegible] root, and consequently grows stronger [illegible] is harrowed in; it also comes [illegible] drilled, which gives the air much [illegible] opportunity to circulate among [illegible] stalks, thus promoting a more rapid and [illegible] growth. However rank the grain may grow [illegible] fall, it is not advisable to feed it [illegible] stalks attain maturity, except in an southern [illegible] the North, the grain requires all of its [illegible] growth to protect it during the winter, and [illegible] rapid start in the spring.

2d. *Orchard Grass, Lavern, Ray Grass, and Clover.*—These grasses come forward [illegible] the order mentioned, although [illegible] the same time. In [illegible] season, we have had orchard [illegible] warm, rich soil, two feet high, [illegible] in the latitude of 40° 30', by the first of April; it however cannot generally be depended upon in this latitude before the last of May.

Cultivation.—For orchard and ray grass [illegible] must be rich, clean, and well pulverized. Sow each kind by itself, at the rate of [illegible] bushels of seed per acre, early in [illegible], then harrow and roll.—[illegible] the other seed should be [illegible] grasses; and it is important [illegible] seed be sown thick;—[illegible] will come up in tufts, and [illegible] be almost entirely rooted [illegible] other grasses. The yield is very large [illegible] properly cultivated. We have taken [illegible] three tons per acre of well-cured [illegible] the former. For hay, neither of these grasses [illegible] so good as Timothy, herdsgrass, or red top. This *ray* grass must not be confounded with *rye* grass nor *oat* grass. It is much superior to either, and makes the finest and best of hay for our country. It [illegible] in great request in this vicinity for the [illegible] feeding.

Clover should be sown the last of February, [illegible] March, just after a fall of snow, if [illegible] the rate of ten to fifteen pounds [illegible] acre. If [illegible] Whether it [illegible] experiment, in the spring, as it [illegible] be allowed to [illegible] [illegible] hay, by pasturing it on a [illegible] morning.

The cultivation of lucern is attended with too much trouble to find favor at the present high price of labor in the United States. It requires a very rich, deep, dry, warm soil, tempered to the best manner. Sow fifteen to twenty pounds of seed per acre, in drills, nine [illegible] apart, the last of April or [illegible] May, in this vicinity. Use it well [illegible] the summer, and keep it clear of [illegible] weeds. [illegible] the following [illegible] the use of the [illegible] [illegible] [illegible]