

## Agricultural.

[From the *Rural Register*.]

### FARM WORK FOR AUGUST.

#### SEEDING RYE.

It is a frequent complaint in the Middle States that rye is an uncertain crop, and it may be true that it is under the circumstances which usually attend its cultivation with us. On rich sandy loams nevertheless it will always yield well if the season at the time of blossoming is favorable. It is a hardy plant, however, and will accommodate itself to a variety of soils, if they are properly broken up and pulverized in the first instance, but it will thrive best in light loams and fertile sands, and especially will it be found a valuable crop on the rich alluvial meadows which are so often to be met with along our water courses. It is by no means an exhausting crop, for with the stubble plowed under after each harvest, crops of rye have been grown upon the same field for fifteen years in succession, without any diminution in the product. But when the soil is thin and poor, fertilizers must be used and these we now proceed to speak.

Our MANURE.—Ten loads of well-rotted barnyard manure will suffice for an acre of rye—or ten loads of woods mould and five loads of manure composted, or better still ten or fifteen loads of wood mould or marsh mud mixed with one hundred and fifty pounds manipulated guano.

PREPARATION OF THE SOIL.—Plow deep; very deep where the subsoil is good—and cross plow if time permits, turning the manure under at the second plowing with about four inches of covering soil. Harrow, seed, harrow again— sow grass seed and bush them in and finish by rolling.

Sow broadcast a bushel or five pecks of seed per acre.

TIME OF SOWING.—Sow as early in the month as possible; if there is any danger of rats being winter-killed sow with the rye half a bushel of buckwheat, the first will eat the latter down and it will, in pulling, afford protection to the growing crop; if any portion of the buckwheat remains standing in the spring pass a roller over the field.

SEEDING DOWN TO A MEADOW.

Every intelligent farmer knows that the best soil for a timothy meadow is good bottom land—alluvial—with a fair admixture of clay and rather moist than dry. Any fertile loam, however, will make a good meadow provided it is tolerably level and does not lie too much exposed to the northwest winds. In setting a timothy meadow on uplands it is of primary importance that the land should be subjected to admit of the retention of moisture during dry seasons; for nothing is more fatal to a good stand of timothy than a long continued drought. On sandy or gravelly soils, timothy will not do well.

PREPARATION OF THE GROUND.—Plow deep. Subsoil on uplands. Cross plow and harrow until the soil is thoroughly and completely pulverized. After seedling, either harrow again with a light harrow, or brush and roll. The land must be fertile to grow good timothy—it must also be clear, or the subsequent crops will every year show an increase of weeds, which will lessen the value of the hay, and gradually work out by their superior vigor the timothy itself.

HARVEST AND MANGING.—To each acre of timothy either of the following compounds may be applied:

No. 1. Ten bushels of bone dust, twenty-five bushels of wood ashes, two bushels of refuse salt mixed for ten days—shovelled over, broadcasted over the ground and harrowed in.

No. 2. Five two-horse loads stable manure, fifteen loads wood earth, marsh muck, &c., one hundred and fifty pounds of manipulated guano, one bushel plaster, sixteen bushels广播ed and harrowed in.

No. 3. Four hundred pounds of manipulated guano, two bushels of salt, calved in for ten days.

If, however, stable manure is abundant, twenty-two-horse loads of manure mixed with fifteen bushels wood ashes, and five bushels bone dust, may be used with more excellent advantage.

QUANTITY OF SEED PER ACRE.—If for timothy alone sow one and a half pecks per acre; but if designed for permanent pasture, sow as follows:

Timothy, 1 peck; orchard grass, 1 bushel; Kentucky blue grass, 1 bushel; tall meadow oat grass, 1 bushel; sweet scented vernal grass, 3 pounds; perennial rye grass, one bushel.

Where, however, the hay is intended for market, timothy should be sown without any admixture.

TURPINS.

The ground for turpins should be prepared and seeded down not later than the 10th of the month. For further particulars, see *Rural*, June 15th.

LATE POTATOES.

See that there are kept free of weeds, and if not very thrifty, broadcast over each acre one bushel of ashes, one bushel plaster, one bushel refuse salt, mixed before spreading.

Sheep.

Attended in season to preventing the fly from breeding worms in the heads of sheep. This, as we said on a previous occasion, may be readily done by spreading tar at the bottom of a trough under cover and sprinkling salts over the tar. In getting at the salt the sheep will smirch their noses with the tar, and thus prevent the insect from attacking them.

STUBBLE FIELDS.

The herbage of these may be greatly improved by scattering over each acre a mixture composed of two bushels of wood ashes, two bushels of refuse salt, and 1 bushel plaster.

LATE CORN.

If the corn is not sufficiently advanced to be laid by, keep the cultivator and hoe going freely and constantly until the crop is sufficiently advanced to need no further culture.

For Sheriff.

We are authorized to announce HENRY DULY, Esq., candidate for the next Sheriff of Montgomery county.

April 15—16.

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