

Lucerne, from its long roots, is but little affected by droughts or frosts, and but few grasses abide longer in the soil. It does not attain its full growth till the third year, and its medium duration is from ten to twelve years.

ORCHARD GRASS.—This is also an early and valuable grass. It is extensively cultivated in England by the name of Cocksfoot Grass, for sheep pasture; and in the fine pastures of Devonshire, celebrated for fattening the largest quantity of stock, it constitutes the principle herbage. Its roots are long and fibrous, and to enable it to abide in the soil, and flourish, it requires to be sown where the subsoil is porous and not stagnant. It answers in shady lands, as in orchards, better than most grasses, whence its common name. The seed necessary for an acre is two bushels, which should be soaked forty-eight hours before sowing, and then used with about ten pounds of red clover.

MILLET.—This is now extensively cultivated in Europe, and is getting into general use in this country. It is a round yellowish white grain, which grows at the top of the stock. A warm, rich, though somewhat sandy soil suits it best. It should be sown about the first of May, when cultivated for seed;—but for fodder (for which it is considered by many equal to the best English hay) it will answer to sow it from May to the 20th of June. The quantity of seed for an acre, is from two or three pecks. It has produced on the farms of Colonel Powel, of Pennsylvania, and Mr. Colman, of Salem, three tons to the acre. It comes to maturity for fodder in about eight and nine weeks, on which account it is an important article, when there is an appearance, in the early part of summer, of there being a scarcity of hay.

The Locust Tree.—Not many of the natives of the forest rival the Locust in beauty and foliage, and none are more valuable for timber. Its durability and hardness render it particularly suitable for application to

the purposes and for the of fences.

to grow under shade from moisture of annual deposition, melorating of sandy and age by the in almost every trees have been propagation. the roots, or few years after, in winter, symmetry of line of the first cause of the destruction. reasonable care most propitiously favourably with soundness.

The price by Government 75 cents the ed with difficulty the cultivation very great. the circumstances improvement may not only ant vegetation.

Swine.—A ful in fattening quantity daily a hen's egg,