

land; gathered in July and August. For green forage, to be sown from April to July and to be cut three or four months later." (*Vilmorin.*)

The seed weighs about 58 pounds per bushel and is sown 16 to 18 pounds per acre for seed and 22 to 27 pounds per acre for forage.

1520. LOLIUM PERENNE.

English rye grass.

From France. Received through Mr. W. T. Swingle, December, 1898. (21 packages.)

"Anglais de Pacey."

"Pacey's English rye grass is a long-enduring perennial variety, with very abundant foliage, with ear and straw shorter, of more robust habits, more resistant and lasting than the ordinary English rye grass, a fact which recommends it particularly and should make it preferable for the formation of turf and lawns; it is less productive of seed than any of the other varieties of rye grass." (*Vilmorin.*)

The seed weighs 26 to 31 pounds per bushel.

1521. LOLIUM ITALICUM.

Italian rye grass.

From France. Received through Mr. W. T. Swingle, December, 1898. (42 packages.)

"Rye grass d'Italie."

"Very early; producing seed abundantly during the same year, and even within three or four months after the sowing; very productive, with the leaves larger and stalks higher and more leafy than the English rye grass; hay of very good quality both green and dry; for artificial prairies, meadows, and pastures; not very lasting unless on rich and irrigated lands, where this annual may become biennial and even triennial. It is distinguished by a special disposition to come up again and a remarkable continuity of growth, much greater than in the English rye grass; it gives three to four cuttings in Vendée, Bretagne, and in Normandy, and as many as eight in the rich irrigated soils of Milan. It may be employed alone or mixed with red clover, crimson clover, timothy, etc. It forms a part of various mixtures for green fodder; it is also used to reseed clovers which have become too thin. It is on the whole an excellent grass and one of the most productive ones; not suitable for lawns." (*Vilmorin.*)

The seed weighs 15½ to 19 pounds per bushel and is sown at the rate of 45 to 54 pounds per acre.

1524. POPULUS TRICHOCARPA.

Poplar.

From Chatenay, Seine, France. Received through Mr. W. T. Swingle, December, 1898.

New sort; extraordinarily vigorous; resembles Balsam poplar; said to be free from diseases and of great promise for extensive plantations.

1525. BUXUS MICROPHYLLA.

Box.

From Chatenay, Seine, France. Received through Mr. W. T. Swingle, December, 1898.

"*Buxus rotundifolia glauca.*"

Hardy; said to be the finest large-leaved box.

1527. FRAGARIA VESCA.

Wood strawberry.

From France. Received through Mr. W. T. Swingle, December, 1898. (4 packages.)

The parent of the four-season ever-bearing strawberries. Seed.

1528. FRAGARIA VESCA.

Wood strawberry.

From France. Received through Mr. W. T. Swingle, December, 1898. (4 packages.)

"Rouge" (red). Seed.

1529. FRAGARIA VESCA.

Wood strawberry.

From France. Received through Mr. W. T. Swingle, December, 1898. (4 packages.)

"À fruit blanc" (white-fruited). Seed.