

57855. TRIFOLIUM MEDIUM Huds.
Fabaceæ. Clover.

From Waverley, New Zealand. Seeds presented by the manager, Moumahaki Experimental Farm. Received August 17, 1923.

Seeds of a type of clover which is said to spread by means of underground stolons. Introduced for department clover specialists.

57856. QUERCUS DISCOCARPA Hance.
Fagaceæ.

From Buitenzorg, Java. Seeds presented by the director, Botanic Garden. Received August 3, 1923.

A lofty tree, 100 to 130 feet in height, with leathery narrowly oval leaves about 5 inches in length and small spiny hemispherical or roundish acorns about half an inch long. The tree is native to the Federated Malay States. (Adapted from *Annals of the Royal Botanic Garden, Calcutta, vol. 2, p. 76.*)

57857 to 57860.

From Nice, France. Seeds presented by Dr. A. Robertson Proschowsky. Received August 22, 1923.

57857. BERBERIS BEALEI Fortune. Berberidaceæ.
Barberry.

For previous introduction and description, see S. P. I. No. 57704.

57858. GLADIOLUS SEGETUM Ker. Iridaceæ.

"One of the most beautiful wild flowers ground here; it might be very valuable for hybridizing." (*Proschowsky.*)

A European gladiolus of free habit, fond of warm dry soil and a sunny situation, with rather small rose-purple flowers. It is an admirable species for mixed borders. (Adapted from *Robinson, English Flower Garden, p. 577.*)

For previous introduction, see S. P. I. No. 56629.

57859. MUSA PARADISIACA SEMINIFERA (Lour.) Baker. Musaceæ. **Plantain.**

A wild seed-bearing form of the plantain, with small oblong greenish fruits full of seeds. These fruits are about a third of the size of the common banana and are of pleasant taste, although encumbered by numerous seeds. The plant is quite ornamental and harder than the common banana, so that it may be possible, by selection or hybridization, to extend the range of banana culture into cooler regions. (Adapted from *Bailey, Standard Cyclopaedia of Horticulture, vol. 4, p. 2679, and letter of Doctor Proschowsky, June 30, 1917.*)

For previous introduction, see S. P. I. No. 45007

57860. VERONICA HULKEANA F. Muell. Scrophulariaceæ.

One of the handsomest and most graceful of all the New Zealand veronicas. It is easily distinguished from others of the group by its shining dark-green, coarsely toothed leaves about 3 inches long and its long sprays of lilac-colored flowers which are in panicles sometimes a foot in length.

57861 to 57867.

From Ekaterinoslav, Russia. Seeds presented by the Russian Bureau of Applied Botany, through D. Borodin, New York, N. Y. Received June 14, 1923. Numbered July, 1923. Quoted notes by Mr. Borodin.

From the Ekaterinoslav Agricultural Experiment Station; introduced for department agrostologists.

57861 to 57866. BROMUS spp. Poaceæ. **Bromegrass.****57861. BROMUS HORDEACEUS L.** Soft chess.

"No. 412. 1915 crop. Originally from Khar-kof."

57861 to 57867—Continued.**57862 to 57865. BROMUS INERMIS Leyss.**

57862. "1918 crop."

57863. "No. 190. 1916 crop."

57864. "No. 193. 1916 crop."

57865. "No. 814. 1918 crop. Originally from Amur, Siberia."

57866. BROMUS STERILIS L.

"No. 444. 1917 crop. Originally from Turkestan."

57867. ECHINOCHLOA CRUSGALLI (L.) Beauv. Poaceæ. **Barnyard millet.**

"No. 214. 1916 crop. Originally from Bakmut."

57868 to 57881. ORYZA SATIVA L. Poaceæ. **Rice.**

From Manila, Philippine Islands. Seeds presented by Adn. Hernandez, director, Bureau of Agriculture. Received August 21, 1923. Quoted notes by S. Youngberg, acting director, Bureau of Agriculture.

"The following were grown at the Lamao Experiment Station, Lamao, Bataan."

57868. "(No. 2.) *Bincol I.* Tested eight years under upland conditions; matures usually in 140 days. Average yield per hectare 1,662 kilograms (approximately 1,480 pounds per acre)."

57869. "(No. 5.) *Calonod.* Tested seven years under upland conditions; matures usually in 143 days. Average yield per hectare 1,835 kilograms (approximately 1,635 pounds per acre)."

57870. "(No. 6.) *Pileng Baybay.* Tested one year under upland conditions; matures usually in 139 days. Average yield per hectare 1,780 kilograms (approximately 1,560 pounds per acre)."

57871. "(No. 14.) *Sagunoy.* Tested one year under upland conditions; matures usually in 129 days. Average yield per hectare 1,000 kilograms (approximately 890 pounds per acre)."

57872. "(No. 11.) *Bonguet.* Tested six years under upland conditions; matures usually in 127 days. Average yield per hectare 2,062 kilograms (approximately 1,840 pounds per acre)."

57873. "(No. 10.) *Catlong.* Tested six years under upland conditions; matures usually in 141 days. Average yield per hectare 2,176 kilograms (approximately 1,940 pounds per acre)."

57874. "(No. 1.) *Inantipolo II.* Tested six years under upland conditions; matures usually in 137 days. Average yield per hectare 2,184 kilograms (approximately 1,950 pounds per acre)."

57875. "(No. 3.) *Kinastila IV.* Tested five years under upland conditions; matures usually in 129 days. Average yield per hectare 1,939 kilograms (approximately 1,730 pounds per acre)."

57876. "(No. 12.) *Hinrang.* Tested six years under upland conditions; matures usually in 130 days. Average yield per hectare 3,496 kilograms (approximately 3,100 pounds per acre)."

57877. "(No. 4.) *Calibug.* Tested four years under upland conditions; matures usually in 133 days. Average yield per hectare 2,010 kilograms (approximately 1,800 pounds per acre)."

57878. "(No. 8.) *Casulig.* Tested three years under upland conditions; matures usually in 142 days. Average yield per hectare 1,714 kilograms (approximately 1,500 pounds per acre)."

57879. "(No. 13.) *Kinandang Kumpol.* Tested three years under upland conditions; matures usually in 132 days. Average yield per hectare 1,853 kilograms (approximately 1,650 pounds per acre)."