57821 to 57826.

From India. Seeds collected by H. V. Harlan, Bureau of Plant Industry. Received July 31, 1923.

57821 and 57822. HORDEUM VULGARE PALLIDUM Seringe. Poaceæ. **Six-rowed barley.**

57821. "(No. 129. Solan. June 10, 1923.) This barley was grown near Rauari under irrigation. It is the best brewing barley of India. There are few broken kernels and less than 2 per cent of 'still' kernels. Secured from the Solan brewery."

57822. "(No. 136. Garhi Kashmia. June 12, 1923.) Seed of the new crop."

57823. LENTILLA LENS (L.) W. F. Wight (*Lens esculenta* Moench.). Fabaceæ. **Lentil.**

"(No. 133. Solan. June 10, 1923.) *Masoor Dhol.* Secured from H. E. J. Peake, of the Solan brewery. Grown in the hills at an altitude of 4,800 feet."

57824. PHASEOLUS MUNGO L. Fabaceæ. **Urd.**

"(No. 132. Solan. June 10, 1923.) *Oorad Dhol.* Secured from H. E. J. Peake, of the Solan brewery. Grown in the hills at an altitude of 4,800 feet."

57825 and 57826. TRITICUM AESTIVUM L. (*T. vulgare* Vill.). Poaceæ. **Common wheat.**

57825. "(No. 134. Garhi Kashmia. June 12, 1923.) New crop just threshed."

57826. "(No. 135. Garhi Kashmia. June 12, 1923.) A second grade of wheat from the new crop."

57827. LYCOPERSICON ESCULENTUM Mill. Solanaceæ. Tomato.

From Tucuman, Argentina. Seeds presented by Dr. W. E. Cross, Estación Experimental Agrícola. Received August 6, 1923.

"Seeds from blight-resistant plants of Parana grown at the Tucuman Experiment Station in 1921. This variety is the most extensively planted in Tucuman, especially in the Lules region. It is generally regarded as the most blight-resistant variety, but my own experience has led me to the conclusion that it is not completely resistant, although there are always a number of plants which do not suffer at all when the rest of the plants have died from the disease." (*E. F. Schultz.*)

For previous introduction, see S. P. I. No. 55591.

57828. PSIDIUM GUAJAVA L. Myrtaceæ. Guava.

From Dominica, British West Indies. Seeds presented by A. Keys, Botanic Gardens. Received August 13, 1923.

"*Large Indian guava.* This is a round variety, flattened at each end, and about 3½ inches in greatest diameter. The fruit, which is said to be of very good quality, weighs about 12 ounces. The variety was introduced into Dominica from India several years ago." (*Keys.*)

57829. IPOMOEA PAPILIO Hall. f. Convolvulaceæ. Morning-glory.

From Italian Somaliland, Africa. Seeds presented by Dr. G. Soassellati Sforzolini, Direttore Agrario e Zootecnico, Villaggio Duca Abruzzi. Received August 6, 1923.

A long trailing vine, with smooth, green, deeply toothed leaves half an inch long and rose-red flowers over an inch long and wide. The vine is native to several parts of South Africa. (Adapted from *Thiselton-Dyer, Flora Capensis, vol. 4, sect. 2, p. 167.*)

57830 and 57831. CROTALARIA spp. Fabaceæ.

From Buitenzorg, Java. Seeds presented by Dr. P. J. S. Cramer, director, General Experiment Station, Department of Agriculture. Received August 13, 1923. Quoted notes by Doctor Cramer.

57830. CROTALARIA ANAGYROIDES H. B. K.

"This species is now given preference here in Java as green manure; it produces more vegetation and does not layer so easily. It is especially satisfactory in higher altitudes and is in such great demand for the tea plantations in the higher mountains that we have to limit our seed distributions to small quantities."

57831. CROTALARIA USARAMOENSIS Baker f.

"Although I introduced this from East Africa as a fiber plant, it does not seem to be very promising as such. It has proved very successful, however, as a green manure, when grown in alternation with corn, producing large quantities of vegetation rich in nitrogen. In the cinchona plantations it is very satisfactory, as it endures partial shade and forms a dense low growth which keeps the edges of the terraces together."

57832. DIOSCOREA ALATA L. Dioscoreaceæ. Greater yam.

From Summit, Canal Zone. Tuber presented by Holger Johansen, agronomist, Introduction Garden. Received August 13, 1923.

"This yam is white fleshed and remains perfectly white when cooked. It is slightly fibrous but otherwise is of very good quality. The tuber received was somewhat elongated and of good shape for handling; it weighed about 5 pounds." (*R. A. Young.*)

57833 to 57844.

From Poona, India. Seeds collected by H. V. Harlan, Bureau of Plant Industry. Received August 15, 1923. Quoted notes by Doctor Harlan.

57833. CYAMOPSIS TETRAGONOLOBA (L.) Taub. (*C. psoraloides* DC.). Fabaceæ. **Guar.**

"(No. 120. May 29, 1923.) Secured from the Poona Agricultural College. Seeded in June and harvested in October."

57834. DOLICHOS LABLAB L. Fabaceæ. **Hyacinth bean**

"(No. 121. May 29, 1923.) Secured from the Poona Agricultural College. Seeded in September and harvested in February."

57835 to 57842. HOLCUS SORGHUM L. (*Sorghum vulgare* Pers.). Poaceæ. **Sorghum.**

"(Nos. 109, 111 to 117. May 29, 1923.) Selected from heads in the Poona collection of over 100 varieties. Especial attention was paid to the time of seeding and ripening. Most varieties here ripen in the winter months, but several of those sent ripen from September to November and therefore may find the proper length of day in the States."

57835. "(No. 109.) An agricultural variety known as *Jaspari*. Possibly the Elichpuri of Bulletin 30, page 92, by Gamina, 1908. It is grown in the district of Khandesh in rotation with cotton on black cotton land of low rainfall. Sown in June and harvested in the latter part of November. Loose panicle 10 inches long."

57836. "(No. 111. District of Khandesh.) *Garya.* Sown the latter part of June and harvested the latter part of October and the first of November. Compact panicle 7 inches long."