

*Zoller*. A medium-sized, dark-green chayote; flat and broad pear shaped, noncorrugated, and almost free from spines.

#### 46243 to 46248.

From Buitenzorg, Java. Presented by Dr. P. J. S. Cramer, chief, Plant Breeding Station. Received May 21, 1918.

Legumes grown for green manure. Introduced for experimentation by the Office of Forage-Crop investigations.

##### 46243. CASSIA PATELLARIA DC. Cæsalpiniaceæ.

A low, herbaceous perennial with somewhat the appearance of our common sensitive plant, *Cassia nictitans*.

##### 46244. CASSIA PUMILA Lam. Cæsalpiniaceæ.

A spreading, subshrubby forage plant with numerous spreading stems about 1 foot long, distributed throughout tropical Asia and Australia.

##### 46245. CROTALARIA ALATA Buch.-Ham. Fabaceæ.

A suberect undershrub, 1 to 2 feet high, with the stem and underside of the leaves covered with a short, silky pubescence. (Adapted from *Hooker, Flora of British India, vol. 2, p. 69.*)

##### 46246. CROTALARIA USARAMOENSIS Baker f. Fabaceæ.

A spreading, herbaceous forage plant from Usaramo, German East Africa, closely allied to *C. lanceolata*. (Adapted from *Journal of the Linnean Society, vol. 42, p. 346.*)

##### 46247. INDIGOFERA SUMATRANA Gaertn. Fabaceæ. Indigo.

This is the form of *Indigofera tinctoria* that was introduced from the East into the West Indies, and is the *I. tinctoria* of Lunan. If, therefore, it be deemed necessary to give this plant a separate name and to remove it from being one of the cultivated states of *I. tinctoria* L., then it will have to be called *I. sumatrana* Gaertn. In addition to India (where it is largely in use in the north from Bihar and Tirhut westward by north to the Punjab) it also occurs in tropical Africa and Formosa. It may be distinguished from the southern form of *I. tinctoria* by its leaflets, which are larger and ovate-oblong or oblong, instead of obovate or suborbicular. The pods in *I. sumatrana* are also shorter, thicker, and blunter at the apex, and are usually more numerous and straighter than in the Madras form. (Adapted from *Watt, Commercial Products of India, p. 663.*)

##### 46248. INDIGOFERA SUFFRUTICOSA Mill. Fabaceæ.

(*I. anil* L.)

A copiously branched shrub, 3 to 5 feet high, with yellow pealike flowers, commonly cultivated as a dye plant throughout the Tropics. Said to be a native of tropical America. (Adapted from *Oliver, Flora of Tropical Africa, vol. 2, p. 98.*)

#### 46249 to 46259.<sup>1</sup>

From Sao Paulo, Brazil. Presented by Mr. Robert L. Keiser, American consul. Received May 25, 1918.

<sup>1</sup> See footnote on page 19.