

138408 and 138409. SACCHARUM. Poaceae. Sugarcane.

From Cuba. Cuttings presented by Referico Posy, Havana. Received July 13, 1940.

138408. *Medina Luna 3-18.*

138409. *Medina Luna 3-34.*

138410 to 138415. SACCHARUM. Poaceae. Sugarcane.

From Honolulu. Cuttings presented by the Experiment Station, Hawaiian Sugar Planters' Association. Received July 18, 1940.

138410. *Molokai 4730.*

138411. *Molokai 4826.*

138412. *Molokai 5193.*

138413. *Molokai 5549.*

138414. *Molokai 5698.*

138415. *31-1389. POJ 2878 × 26C-270.*

138416. CAESALPINIA SPINOSA (Mol.) Kuntze. (*Caesalpinia pectinata* Cav.) Caesalpinaceae. Tara.

From Peru. Seeds presented by R. W. Frey, Bureau of Agricultural Chemistry and Engineering, through A. F. Sievers, Division of Drug and Related Plants, Bureau of Plant Industry. Received July 19, 1940.

Tara. A tall upright spiny shrub or small tree, often used as a hedge in Peru. The foliage is deep green, with the leaflets smooth and polished on the upper surface. The greenish-yellow flowers, in cylindrical open spikes, are not very conspicuous, but the pods are produced in large clusters and the exposed surfaces show bright scarlet for a long time before maturing. The pods contain a high percentage of tannin.

For previous introduction see 65915.

138417 to 138450. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.

From India. Seeds presented by B. P. Pal, Imperial Economic Botanist, New Delhi. Received July 18, 1940.

138417. <i>I. P. Type No. 1.</i>	138434. <i>I. P. Type No. 18.</i>
138418. <i>I. P. Type No. 2.</i>	138435. <i>I. P. Type No. 19.</i>
138419. <i>I. P. Type No. 3.</i>	138436. <i>I. P. Type No. 20.</i>
138420. <i>I. P. Type No. 4.</i>	138437. <i>I. P. Type No. 21.</i>
138421. <i>I. P. Type No. 5.</i>	138438. <i>I. P. Type No. 22.</i>
138422. <i>I. P. Type No. 6.</i>	138439. <i>I. P. Type No. 23.</i>
138423. <i>I. P. Type No. 7.</i>	138440. <i>I. P. Type No. 24.</i>
138424. <i>I. P. Type No. 8.</i>	138441. <i>I. P. Type No. 25.</i>
138425. <i>I. P. Type No. 9.</i>	138442. <i>I. P. Type No. 26.</i>
138426. <i>I. P. Type No. 10.</i>	138443. <i>I. P. Type No. 27.</i>
138427. <i>I. P. Type No. 11.</i>	138444. <i>I. P. Type No. 28.</i>
138428. <i>I. P. Type No. 12.</i>	138445. <i>I. P. Type No. 29.</i>
138429. <i>I. P. Type No. 13.</i>	138446. <i>I. P. Type No. 30.</i>
138430. <i>I. P. Type No. 14.</i>	138447. <i>I. P. Type No. 31.</i>
138431. <i>I. P. Type No. 15.</i>	138448. <i>I. P. Type No. 32.</i>
138432. <i>I. P. Type No. 16.</i>	138449. <i>I. P. Type No. 33.</i>
138433. <i>I. P. Type No. 17.</i>	138450. <i>I. P. Type No. 34.</i>