

11801 to 11996. PHOENIX DACTYLIFERA. Date.

From Hofhuf, El-Hasa, Turkish Arabia. Received thru Rev. S. M. Zwemer and secured by Mr. J. Calcott Gaskin, of the British Assistant Political Agency, Bahrein Island, Persian Gulf, November 7, 1904.

According to Mr. Gaskin's letter, the following varieties were received: *Khalas*, *Rezeiz*, *Shebibi*, *Khir*, *Hatmi*, *Sheishi*, *Mehmi*, *Kheneizi*, *Tenâjil*, and *Mejnaz*. These names, however, did not agree with those found on the labels accompanying the plants, which were placed there by the Arabs and most of which were lost. In order to avoid confusion each sucker was given a separate number in hopes that they might be correctly identified from descriptions of these varieties when they come into bearing.

11997. SEQUOIA WELLINGTONIA. Bigtree.

Origin unknown.

11998. VICIA FABA. Horse bean.

From Gembloux, Belgium. Received thru Dr. Ach. Grégoire, Institut Chimique et Bactériologique de l'État, March 10, 1905.

"Seed of the Holland variety of horse bean grown extensively in Belgium and Holland as a fodder crop. This bean in the cool summers of northern Europe makes a growth of several feet and produces a succulent fodder which is harvested after the beans have ripened, and run thru a chopping machine which prepares it for the stock. The analyses of Doctor Grégoire have shown that there is a material increase in the amount of nutritious substances in this bean late in the season, making it advisable to cut it only after the beans have fully matured. The small size of the bean of this Dutch variety makes it especially desirable for field experiments where the item of seed transport is an important one.

"These should be tried extensively in Alaska and the Northwestern States as an early summer crop. They are likely also to be of value as a cover crop for orchards in the Northern States. Experiments in Canada have proved this horse bean to be the best cover crop yet tried in that region. It holds snow, prevents drifting, and adds a large amount of humus to the soil. In Belgium these beans are drilled in about 6 or 8 inches apart and produce a thick stand some 3 or 4 feet in height." (*Fairchild.*)

11999 and 12000. NICOTIANA TABACUM. Tobacco.

From Constantinople, Turkey. Received thru Mr. Charles M. Dickinson, United States consul-general, March 9, 1905.

Seed from Xanthi district, as follows:

11999. Finest quality. **12000.** Medium quality.

12001 to 12018.

From Fort Hays, Kans. Received thru Mr. J. G. Haney, superintendent of the Branch Experiment Station, November 7, 1904.

12001 to 12015. TRITICUM VULGARE. Wheat.

- 12001.** *Kharkof.* Grown from S. P. I. No. 7786. C. I. No. 2193.
12002. *Beloglino.* Grown from S. P. I. No. 7787. C. I. No. 1667.
12003. *Crimean.* Grown from S. P. I. No. 5636. C. I. No. 1437.
12004. *Theiss.* Grown from S. P. I. No. 5497. C. I. No. 1561.
12005. *Ulla.* Grown from S. P. I. No. 5638. C. I. No. 1439.
12006. *Ghirka.* Grown from S. P. I. No. 5637. C. I. No. 1438.
12007. *Crimean.* Grown from S. P. I. No. 5635. C. I. No. 1436.
12008. *Kharkof.* Grown from S. P. I. No. 7467. C. I. No. 1583.
12009. *Kharkof.* Grown from S. P. I. No. 5641. C. I. No. 1442.