

**27737 and 27738. MEDICAGO SATIVA L.****Alfalfa.**

Plants growing at Arlington Experimental Farm, Va. Numbered spring of 1910.

"Two of four surviving plants from an alfalfa field near Weskan, Kans., 20 years old, the rest having succumbed to the extreme drought and encroachment of buffalo grass. These plants were obtained by me under Agrost. No. 42 and 43, summer of 1907." (*J. M. Westgate.*)

**27739 to 27754. MEDICAGO FALCATA ♀ × SATIVA ♂.****Alfalfa.**

Hybrids between *Medicago falcata* and various strains and varieties of *Medicago sativa*. Parents selected and hybrids made by Messrs. J. M. Westgate and W. J. Morse at the Arlington Experimental Farm during the summer of 1908. Numbered spring of 1910.

**27739.** Agrost. No. 2111. (*Medicago falcata* [S. P. I. No. 20718] crossed with Peruvian alfalfa [Agrost. No. 2002] [S. P. I. No. 14972?].) First plant in row.

**27740.** Agrost. No. 2111. Second plant in row.

**27741.** Agrost. No. 2111. Third plant in row.

**27742.** Agrost. No. 2112. (*Medicago falcata* [Agrost. No. 2072] [S. P. I. No. 19534] crossed with *Medicago sativa* [Agrost. No. 18, a heavily seeded upright selection].) First plant in row.

**27743.** Agrost. No. 2113. (Same parent plants as Agrost. No. 2112.) First plant in row.

**27744.** Agrost. No. 2160. (*Medicago falcata* [S. P. I. No. 20718] crossed with *Medicago sativa* [S. P. I. No. 20775]). First plant in row.

**27745.** Agrost. No. 2161. (Same parent plants as Agrost. No. 2160.) First plant in row.

**27746.** Agrost. No. 2161. Second plant in row.

**27747.** Agrost. No. 2112. Second plant in row.

**27748.** Agrost. No. 2112. Third plant in row.

**27749.** Agrost. No. 2112. Fourth plant in row.

**27750.** Agrost. No. 2112. Fifth plant in row.

**27751.** Agrost. No. 2113. Second plant in row.

**27752.** Agrost. No. 2113. Third plant in row.

**27753.** Agrost. No. 2113. Fourth plant in row.

**27754.** Agrost. No. 2113. Fifth plant in row.

**27764. ANDROPOGON SORGHUM (L.) Brot.****Sorgo.**

From Scott City, Kans. Purchased from Mr. J. K. Freed. Received April, 1910.

"Mr. Freed states that he has grown this variety for three or four years, but its origin is unknown to him. He finds it ten days earlier than ordinary *Amber sorgo*, but he plants a little more seed to the acre. In seed yield it outyields ordinary *Amber* fully 50 per cent. The following description is by Mr. Carleton R. Ball:

"Stalk slender, 5½ to 6 feet tall; butts one-half inch to 1 inch in diameter; internodes long and slender; leaves 8 to 10; panicles well exerted, pyramidal to open oblong—the pyramidal rather sparse, the oblong more dense; rachis continuous; spikelets obovate; glumes straw colored, smooth to hairy; seeds rather obovate, pure white."

"Mr. Ball further suggests that this may be identical with the variety cultivated many years ago under the name of '*White Seeded* or *White India*.'" (*C. V. Piper.*)