

**52557 to 52565. TRITICUM AESTIVUM L. Poaceæ. Common wheat.***(T. vulgare Vill.)*

From Cowra, New South Wales. Seeds presented by J. T. Pridham, plant breeder, Experimental Farm, through J. A. Clark, agronomist, in charge of Western Wheat Investigations, United States Department of Agriculture. Received March 1, 1921. Quoted notes by Mr. Pridham, except as otherwise noted.

"Pure-line selections of *Hard Federation* wheat." (Clark.)

An early spring wheat, short, with strong white straw and erect dense awnless spikes with small hard vitreous white kernels which are very attractive and doubtless would attract buyers and bring a premium over other white wheats on American markets, as is the case in Australia. The plant has the distinctive brown, hard, and general appearance of *Federation* in the field, but differs in being slightly taller and earlier, in having a square and shorter spike, broader and squarer shoulders, and shorter, rounder, and harder kernels. The variety *Hard Federation* has been grown commercially in Australia since 1914. During the past few years it has replaced the *Federation* variety in many sections because of equal yields and better milling quality of the grain. (Adapted from *Australian Wheat Varieties in the Pacific Coast Area, United States Department of Agriculture Bulletin No. 877, p. 11.*)

52557. "Wheat No. 24 (A8)."

52562. "Wheat No. 69 (A6)."

52558. "Wheat No. 30 (A8)."

52563. "Wheat No. 71 (A6)."

52559. "Wheat No. 55 (A7)."

52564. "Wheat No. 71 (A9)."

52560. "Wheat No. 64 (A6)."

52565. "Wheat No. 73 (A9)."

52561. "Wheat No. 66 (A6)."

**52566. ARUNDO PLINII Turra. Poaceæ.***(A. mauritanica Desf.)*

From Algiers, Algeria. Rhizomes presented by Dr. L. Trabut. Received February 28, 1921.

This grass is smaller in all parts than *Arundo donax*: the culms are mostly 1.5 meters tall and 4 to 7 millimeters thick; the blades, 1 to 2 centimeters wide, are smooth or scabrous on the margins only. The brown or yellow panicle is rather narrow and reaches 30 centimeters in length. Native to the Mediterranean region. (Adapted from *Ascherson and Graebner, Synopsis der Mitteleuropäischen Flora, vol. 2, p. 334.*)

**52567. PYRUS COMMUNIS × LINDLEYI. Malaceæ. Pear.**

From Fruitland Park, Fla. Cuttings presented by Louis Bosanquet. Received February 11, 1921.

"Cincinnati pear." (Bosanquet.)

A variety which resembles the *Sha Lea* pear very closely. It is the parent of numerous seedlings fruited by S. F. Smith. The medium to small fruit is of fairly regular oval form, with slightly roughened skin, light colored with numerous brown dots. The flesh is of yellowish white color with little flavor but juicy. The texture is crisp and breaking; and the core is large and gritty with large flattish black seeds. (Adapted from *Report of the Agricultural Experiment Station, Ithaca, N. Y., Bulletin No. 332, p. 479.*)