

344516. SECALE CEREALE L. Gramineae. Rye.

From England. Seed presented by Hurst Gunson Cooper Taber Ltd., Essex.
Received September 9, 1969.

714. Hungarian Giant Rye.

344517. HORDEUM VULGARE L. Gramineae. Common barley.

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received September 3, 1969.

Ec 24882.

344518. POLYTRIAS AMAURA (Buese) Kuntze Gramineae. Java grass.

From Australia. Stolons presented by the Division of Plant Introduction, Commonwealth Scientific Industrial Research Organization, Canberra. Received September 16, 1969.

344519. ALLIUM OSCHANINII B. Fedtsch. Liliaceae.

From Sweden. Bulbs presented by the University of Goteborg, Goteborg. Received September 16, 1969.

Herat Province, near Pardu Khan between Obekh and Khodja Chist, Afghanistan on rocky, dry slope. Elevation 1,500 to 1,900 m. Collected May 10, 1969.

344520 to 344536.

From The Netherlands. Scions from Dutch elm disease resistance breeding program, Forest Experiment Station, Wageningen; grafted in quarantine at Regional Plant Introduction Station, Ames, Iowa. Received August 13, 1969.

344520. ULMUS × HOLLANDICA Miller Ulmaceae. Elm.

NL 62. 'Bea Schwarz'. Seedling from Barbier Nurseries, Orleans, France, with resistance to Dutch elm disease in Baarn, Netherlands. Growth rate slow; young leaves, young grafts with reddish tinge; many long side shoots on current growth; branch angle nearly 90°. Resistance high. Commonly used as parent.

344521 to 344536. ULMUS (hybrid) Ulmaceae.

344521. NL 125. *U. × hollandica* 'Vegeta', P.I. 341758 × *U. carpini-
folia*, P.I. 341747. Growth slanted, sinuous; few heavy, spreading
branches forming irregular, open crown; forms epicormics. Resistance
high. Attacked by *Nectria cinnabarina* in Netherlands. Commonly
used as parent.

344522. NL 312. *U. glabra* Huds., P.I. 341753; self or open pollinated,
growth rate moderately fast, crown wide spreading, stem tends to fork
up. Shoots brown rather than gray. Resistance moderate. Used as
parent.

344523. NL 384. *U. × hollandica* 'Belgica', P.I. 341757 × *U. carpini-
folia* 'Dampieri', P.I. 341749. Twigs grayish, stem forks. Resistance
indicated good. Used as parent.

344524. NL 460. (*U. japonica* × *U. carpini-
folia*, P.I. 341747), P.I.
341761 × (*U. × hollandica* 'Vegeta', P.I. 341758 × *U. carpini-
folia*, P.I. 341748). Straight single stem, regular crown, growth rate moder-
ate. Resistance indicated moderate. Several promising clones from
this cross.

344525. NL 463. (*U. japonica* × *U. carpini-
folia*, P.I. 341747), P.I.
341761 × (*U. × hollandica* 'Vegeta', P.I. 341758 × *U. carpini-
folia*, P.I. 341748). Original seedling with single straight stem, regular,
dense, narrow crown. Growth rate moderate. Resistance predicted
good.