

UNITED STATES DEPARTMENT OF AGRICULTURE

Rathbone DU 8-4435
Clark DU 8-4026

Washington, July 24, 1963

For P. M. Release July 29

*Grande
Barley*

High-Yielding, Disease-Resistant Barley Developed:

A new high-yielding feed barley, with resistance to several diseases, has been developed by the U. S. Department of Agriculture's Agricultural Research Service and the California Agricultural Experiment Station.

Foundation seed of this new variety, named Grande, will be available to seed producers in 1964, and commercial supplies should be generally available to farmers in time for the 1965 growing season. The California station will distribute the foundation seed; USDA has none for distribution.

Grande has consistently outyielded present commercial varieties in California -- 27 percent higher than Atlas strains in 16-year tests at Davis and 21 percent higher than Winter Tennessee in 5-year tests at 44 other locations.

The new barley has good resistance to net blotch, scald, mildew, and yellow dwarf disease, as well as to lodging and shattering.

These superior qualities were built in by selection through 20 generations from a composite cross made in 1928 at the California station.

The name Grande was given to the variety because of its strikingly large heads and seeds.

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