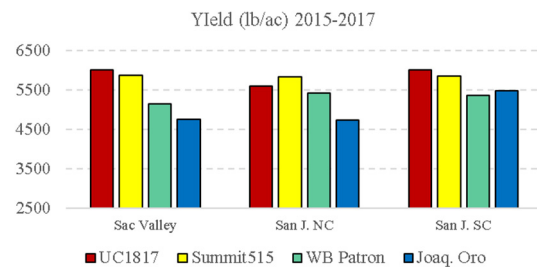




## Hard Red Spring wheat variety ‘UC-Central Red’

**Development:** UC-Central Red is a Hard Red Spring bread wheat variety developed from the cross UC1107(*Yr15, Glu-D1d, 2NS/2AS*)/Expresso. This variety was developed by the University of California wheat-breeding program and was tested in Regional Yield trials as experimental line UC1817 (<http://smallgrains.ucdavis.edu/>).

**Characteristics:** UC-Central Red is a semidwarf variety 3 inches shorter and 4 days earlier than Yurok. Its grain yield is similar to Summit515 and higher than WB Patron and Joaquin Oro (see UC1817 in figure for 2015-2017 Regional Trials).



**Disease resistance:** UC-Central Red is resistant to all current races of stripe rust present in California and shows good tolerance for BYDV and septoria tritici.

**Quality:** UC-Central Red has the best bread making and tortilla quality among the current UC HRS varieties. It received excellent quality evaluations by the milling industry at the California Wheat Collaborator Program in 2018. It has higher grain protein content than Yurok, Summit 515 and Cal Rojo.

**Area of adaptation and primary use:** UC-Central Red performed very well agronomically in the Sacramento, San Joaquin and Imperial Valleys where it showed high yield potential under irrigation and good resistance to all major diseases. This variety stands out for its excellent breadmaking and tortilla quality, which are the main intended uses of this variety.

**Procedures to maintain stock seed classes:** The Department of Plant Sciences at UC Davis will maintain Breeders seed. Foundation seed will be produced and distributed by the Foundation Seed program of the University of California, Davis. The California Crop Improvement Association will provide certification services. New Breeders seed will be produced as needed from head-row progenies obtained from the original Breeders Seed lot. Increases of Foundation Seeds from Foundation seed are allowed for indefinite number of cycles.

**Intellectual property protection:** UC-Central Red is a public variety. It is protected under Plant Variety Protection under Title V, and is sold as Certified Seed. To obtain information and/or a license for UC-Central Red contact the University of California, Davis Technology Transfer Center: Clinton H. Neagley Senior Intellectual Property Officer University of California, Davis Technology Transfer Center 1850 Research Park Drive Davis, California 95616 tel. (530) 757-3432, [chneagley@ucdavis.edu](mailto:chneagley@ucdavis.edu)