REGISTRATION OF VARIETIES

Department of Agriculture. The variety was obtained from a cross of 'Nebraska 10' × 'Western Oilseeds 14', backcrossed six times to Nebraska 10. The resistance of Western Oilseeds 14 to Phytophthora drechsleri Tucker, the cause of root rot of safflower, was transferred through the backcrosses by selecting for resistance by a described procedure. The original cross and backcrosses were made in a greenhouse at Beltsville, Maryland.

U.S. 10 was tested for root rot resistance at Beltsville and for agronomic characteristics in several Western States. It is similar in growth characteristics, appearance, oil content, and area of adaptation to Nebraska 10. A summary of seed yields from numerous field tests indicate that U.S. 10 is similar to Nebraska 10. In certain tests, however, the yield of U.S. 10 has been higher than the yield of Nebraska 10 or other available commercial varieties such as 'Gila' and 'Pacific 1'. In some tests U.S. 10 has yielded less than these varieties.

The existence of distinct pathogenic races of P. drechsleri has been demonstrated. U.S. 10 appears to have resistance to any known race that is equal to or better than that of any other commercial variety presently available.

REGISTRATION OF RAMONA 50 WHEAT

(Reg. No. 429)

C. W. Schaller

'RAMONA 50', *Triticum aestivum* L., C.I. 12390, is a white spring wheat derived from a composite of 62F, lines of the cross [White Federation 38 × Ramona] × [(Martin × Hard Federation) × Ramona]. It differs from the original Ramona in its resistance to bunt and stem rust. Ramona 50 was released by the California Experiment Station in 1951.

The variety is awnless, has bronze glumes, and a lax spike that tapers to a point. The straw is short and stiff, the kernels are hard and white, and it is fairly shatter resistant. Ramona 50 is the hardest wheat variety grown in California. It is the most popular variety in the state since its release in 1951 until the present time and most desirable for its milling qualities. It does well under irrigation and where moisture is limited and high temperatures occur early, especially in the Imperial and San Joaquin valleys. It is used for late planting in the Sacramento Valley.

The California Agricultural Experiment Station at Davis maintains foundation seed of Ramona 50 and certified seed is available in quantity. Ramona 50 has been described elsewhere.

REGISTRATION OF KENHI WHEAT

(Reg. No. 431)

W. E. Smith and J. E. Fitzsimmons

'KENHI', *Triticum aestivum* L., C.I. 15628, is a hard red spring wheat selection from the cross Keny 1 × Lehni, made in 1950. The final selection, H-