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 X Ramona] X [Martin X Hard Federation] X 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 earliest 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.  

1 Registered under a memorandum of understanding between the Crops Research Division, ARS, USDA, and the American Society of Agronomy.

2 Professor of Agronomy and Agronomist in the Experiment Station, Davis.


In the rust area of Manitoba and southeastern Saskatchewan, Stewart 63 will compete with Ramsey, the only other licensed resistant durum. In tests in Saskatchewan and Alberta, it has yielded about a bushel per acre more than Ramsey when grown under artifically inoculated conditions. Stewart 63 has yielded about a bushel per acre more than Ramsey when grown under naturally inoculated conditions. Stewart 63 has yielded about a bushel per acre more than Ramsey when grown under naturally inoculated conditions. Stewart 63 has yielded about a bushel per acre more than Ramsey when grown under naturally inoculated conditions. Stewart 63 has yielded about a bushel per acre more than Ramsey when grown under naturally inoculated conditions. Stewart 63 has yielded about a bushel per acre more than Ramsey when grown under naturally inoculated conditions. Stewart 63 has yielded about a bushel per acre more than Ramsey when grown under naturally inoculated conditions. 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