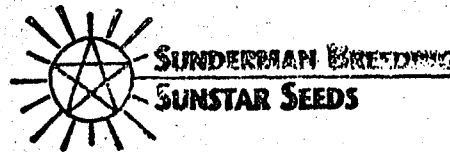


Description- 'Sunstar 1' Hard Red Spring Wheat

SOM 1 was selected as an off type plant out of 906R, the seed of which had been used for years as a standard check in the Aberdeen yield nurseries. The selection of the two off types was made from a 1988 summer crossing plot planted on private ground for the start of a private breeding program. Progeny from the selections appeared to breed true in 1989*. The proposed variety name is 'Sunstar 1'. *Sunstar II*
CAME FROM SECOND OFF TYPE.

Sunstar 1 is awned, white-glumed variety with very stiff straw. It has averaged 3 6" or about 1" shorter than 906R and 8" shorter than Pondera when planted in 1989 in a small increase plot yield trial. Plants height varies from the average by less than 2" when grown under maximum yield conditions. The variety will be shorter when grown under less favorable conditions. The flag leaf is usually erect and twisted. The plant color is blue green with a waxy bloom present on the flag leaf sheath. The auricles are green. Sunstar 1 heads about 1 day earlier than Pondera and 3 days later than 906R. The kernels are hard red. The test weight of Sunstar 1 varies from 1 to 2 pounds heavier than Pondera and 906R when grown under maximum yield conditions.

* A small increase of the 2 ~~selections~~ was carried out during 1988-89.



Description for Sunstar II

Sunstar I and Sunstar II are very similar in most agronomic characteristics. The major difference is that Sunstar II tillers more profusely than Sunstar I. Sunstar I has a very erect growth and the area between rows does not completely fill in with heads. Sunstar II has a more bushy plant growth and makes a more solid canopy of heads than Sunstar I. Sunstar II produces a higher yield than Sunstar I, but is slightly lower in grain protein than Sunstar I.

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