

MAR 14 1988 RECEIVED

Fielder
~~Fielder~~

COOPERATIVE EXTENSION SERVICE



University of Idaho

College of Agriculture
In Cooperation with the
U.S. Department of Agriculture

P.O. Box 300
Boise, Idaho 83701
November 26, 1973

NEW CEREAL VARIETIES FOR IDAHO

WHEAT VARIETIES

White Spring Wheat

Fielder

Fielder is a soft, white wheat developed by Dr. Sunderman at the Aberdeen Station. It is a pastry-type wheat and is expected to supplant Twin in certain areas. It is a semi-dwarf, stiff-strawed, white-chaffed, awned selection with moderate resistance to leaf rust, resistance to the prevalent races of stripe rust, and moderately susceptible to mildew. It produces high test weight grain with satisfactory pastry quality. It will probably replace Twin in some dryland and irrigated areas of the Pacific Northwest. Foundation seed will be distributed for production in 1974.

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CI 17268

FIELDER

CHECK LIST ON SELECTION FOR POSSIBLE RELEASE *Wland Feb. 1, 1974*

ID 0044

Soft White Spring

Agencies Cooperating in Development Work: U. S. Department of Agriculture, Agricultural Research Service and University of Idaho Agricultural Experiment Station.

I. General Situation:

- a. Need for Variety - High yield, high test weight, bearded, soft white spring wheat to replace Twin on some dryland and irrigated areas of the Pacific Northwest.
- b. Use Type of Wheat - Soft white pastry.
- c. To supplant Twin in certain areas.

2. Identification: ID0044 4*Yt 54A//Nrn 10/Bvr/3/2*Y 50/4/ Nrn 10/Bvr//Baart/Onas

3. Description: Semidwarf, stiff strawed, white chaffed, awned selection with moderate resistance to leaf rust, resistance to the prevalent races of stripe rust, and moderately susceptible to mildew. It produces high test weight grain with satisfactory pastry quality.

4. Testing History:

a. Idaho Irrigated Nurseries at Aberdeen and Twin Falls.

	Three-Year Average		
	Test Weight lbs/bu.	Yield bu./A	Plant Height, in.
ID0044	62.5	106.7	35
Twin	59.1	103.7	35

b. Uniform Nursery - 1971-72 (2-year average yield)
25 locations

ID0044	68.0
Twin	65.3