

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Northern Plains Area
National Seed Storage Laboratory
Fort Collins, CO 80523

received 4/13/90

☒ Sent for Crop
Registration

Cultivar	
Germplasm	X
Genetic Stock	
Parental Lines	

STORAGE APPLICATION

The policy of the National Plant Germplasm System (NPGS) is that all material deposited in the NPGS will be freely distributed to bonafide scientists for research purposes.

Name of Donor Contact Person Stan Cox Telephone No. (913) 532-7260

Institution or Company USDA/ARS - Kansas State University

Address Agronomy Dept./Throckmorton Hall, KSU, Manhattan, KS 66506

Genus Triticum Species Aestivum Common Name Wheat

Amount Requested: 7,500 seeds for Populations/Synthetics (Cultivar & Germplasm);
5,000 seeds for purelines (Cultivar, Parental Lines, Germplasm, & Genetic Stocks*).
UNTREATED SEED REQUIRED!! *50-100 Seeds for special cytogenetic stocks

Name and/or Number KS89WGRC4 Other Identifiers PI535767

PVP/Patent Applied for or Granted? Yes ___ No X

Reproductive System:

Approximate percent self fertilization under normal field conditions: 99
Pureline X; Population/Synthetic ___; or Parental
Inbred ___

Percent Germination determined by Donor ca. 100 Date of Test Oct 89

If genetic stocks, will they require special handling? Yes ___ No X If yes,
identify contact person who will supply new seed source ___
and address ___

Material already assigned a PI No.? Yes X No ___
If yes, give PI No. PI 535767

Seed already provided to working collection?
Yes X No ___ If yes, give date Aug 15, 1989
location U.S. Small Gr. Coll. and amount of
seed 20 g

Year Seed harvested 1989

CONTINUED ON REVERSE SIDE

TO BE COMPLETED BY NSSL:

Date Received

4/90

Serial #

252739.01

DESCRIPTIVE INFORMATION - In order for each entry to be properly identified, donors are asked to prepare an abstract and pedigree of each entry. Key features in the abstract might include agronomically important traits such as maturity, plant height (metric terms or dwarf, semi-dwarf, etc.), seed characteristics (size, oil content, milling quality, type, etc.), nutritive value, tolerance to diseases, insects, nematodes, cold, lodging, and others. Give the scientific names of pest organisms. Avoid comparisons with other cultivars or lines unless these are part of the parentage. All accessions deposited at the NSSL will be recorded in the Germplasm Resources Information Network (GRIN) database of the National Plant Germplasm System.

Abstract: (The abstract can be no more than 420 characters in length (7-60 character lines).)

Hard red germplasm with resistance to Hessian fly and
greenbug. Plant height and phenotype similar to Wichita.
Susceptible to leaf rust (Puccinia recondita). Insect
resistance: Hessian fly (Mayetiola destructor) biotype D.,
Greenbug (Schizaphis graminum) biotype E. Winter annual.
Breeding material. Seed.

Pedigree: (The pedigree should not exceed 240 characters.)

Aegilops squarrosa #TA1695/3*'Wichita'

GROWTH HABIT -

Annual (Spring ☐ Winter ☒ Facultative ☐)

Biennial ☐ Perennial ☐ Woody ☐ or Tree ☐

FORM RECEIVED - Seed ☒ Plants ☐ or Cuttings ☐