

☒ Sent for Crop
Registration

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

Cultivar ☐
Germplasm ☒
Genetic Stock ☐
Parental Lines ☐

*Interseed
4/13/90*

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 KS89WGRC7 Other Identifiers PI535770

PVP/Patent Applied for or Granted? Yes ☐ No ☒

Reproductive System:

Approximate percent self fertilization under normal field conditions: 99
Pureline ☒; 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 ☒ If yes,
identify contact person who will supply new seed source _____
and address _____

Material already assigned a PI No.? Yes ☒ No ☐
If yes, give PI No. PI 535770

Seed already provided to working collection?

Yes ☒ No ☐ If yes, give date Aug 15, 1989
location U.S. Small Gr. Coll. amount of
seed 20 g

Year Seed harvested 1989

CONTINUED ON REVERSE SIDE

TO BE COMPLETED BY NSL:

Date Received

Serial #

4190
252742.01

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 leaf rust. Plants
similar to Wichita in height, maturity and general phenotype.

Susceptible to soilborne mosaic virus and Hessian fly
(*Mayetiola destructor*). Disease resistance: moderate to leaf
rust (*Puccinia recondita*. Winter Annual Breeding Material.

Seed.

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

'Wichita'//*Aegilops squarrosa* #TA1649/2*'Wichita'

GROWTH HABIT -

Annual (Spring ☐ Winter ☒ Facultative ☐)

Biennial ☐ Perennial ☐ Woody ☐ or Tree ☐

FORM RECEIVED - Seed ☒ Plants ☐ or Cuttings ☐