

☒ 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 ☐
RFLP Maplines ☐

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 T. J. Martin Telephone No. (913) 625-3425

Institution or Company Kansas State University

Address Fort Hays Experiment Station, 1232 240th Avenue, Hays, KS 67601-9228

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 KS92WGRC25 Other Identifiers KS92H334

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

Reproductive System:

Approximate percent self fertilization under normal field conditions:
Pureline ☒; Population/Synthetic ☐; or Parental
Inbred ☐

Percent Germination determined by Donor 98 Date of Test

If genetic stocks, will they require special handling? Yes ☐ No ☒ If yes,
identify contact person who will supply new seed source T. J. Martin

and address Fort Hays Experiment Station, 1232 240th Avenue, Hays, KS 67601

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

Seed already provided to working collection?

Yes ☐ No ☒ If yes, give date
location and amount of
seed

Year Seed harvested 1993 Signature T. J. Martin Date

CONTINUED ON REVERSE SIDE

TO BE COMPLETED BY NSSI:

Date Received

10-21-93

Serial #

283193.01

October 1990

Rec'd 11387 302g
Kept 2500
Sent 8887

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-draft, 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 600 characters in length (10-60 character lines).)

KS92WGRC25 is a Russian wheat aphid (RWA) resistant germplasm. It is a red
seeded, awned, white glumed, semidwarf, hard winter wheat. It was tested
in the 1992 Hays Preliminary Yield Test. KS92WGRC25 heads 5 days earlier,
is 2 cm taller, and has a coleoptile 1.5 cm longer than TAM 107. Grain
yield of KS92WGRC25 is about 10% less than TAM 107. The mixing strength
of KS92WGRC25 was equal to Larned and its grain protein was 1% higher than
TAM 107. KS92WGRC25 is resistant to stem rust, but susceptible to leaf
rust, soilborne mosaic virus, wheat streak mosaic virus, and Hessian fly.

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

Yilmaz - 10/KS84HW196//Dodge

GROWTH HABIT -

Annual (Spring ☐ Winter ☒ Facultative ☐)

Biennial ☐ Perennial ☐ Woody ☐ or Tree ☐

FORM RECEIVED - Seed ☒ Plants ☐ or Cuttings ☐