

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

☒ Sent for Crop
Registration

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 KS92WGRC24 Other Identifiers KS92HW269

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 ☐ 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. PI 574489

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

Rec'd 8850 30/g
Kept 2500
Sent 6350

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).)

KS92WGRC24 is a Russian Wheat Aphid (RWA) resistant germplasm. It is white
seeded, awned, white glumed, semidwarf, hard winter wheat. It was tested
in the 1992 Preliminary Yield Nursery at Hays, KS. KS92WGRC24 is 2 days
later, 2 cm shorter, and has a coleoptile length 3 cm longer than TAM
107. The mixing strength of this line is slightly stronger than that of
Larned, while its grain protein was 1% higher than TAM 107. KS92WGRC24 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 - 10/2* KS84HW196

GROWTH HABIT -

Annual (Spring ☐ Winter ☒ Facultative ☐)

Biennial ☐ Perennial ☐ Woody ☐ or Tree ☐

FORM RECEIVED - Seed ☒ Plants ☐ or Cuttings ☐