

STORAGE APPLICATION

(UNTREATED SEED REQUIRED!!)

87912
87916☒ Sent for Crop
RegistrationUNITED STATE DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
NORTHERN PLAINS AREA
NATIONAL SEED STORAGE LABORATORY
FORT COLLINS, CO 80523Cultivar ☐
Germplasm ☒
Genetic Stock ☐
Parental Inbred ☐

The policy of the National Plant Germplasm System (NPGS) is that all material deposited in the NPGS will be freely distributed to scientists for research purposes. For material registered in Crop Science, the donor is expected to maintain and distribute seed for a minimum of 5 years following registration.

Name of Donor Contact Person T. Joe Martin ⁸³³⁸ Telephone No. (913) 625-3425Institution or Company Kansas State University, Ag. Research Center-HaysAddress 1232 240th Avenue, Hays, Kansas 67601Genus Triticum Species aestivum Common Name wheat

Amount Requested: 7,500 seeds for each Population/Synthetic (Cultivar & Germplasm); 5,000 seeds for each pure line (Cultivar, Parental Inbred, Germplasm, and many Genetic Stock); or 50 to 500 seeds for each special genetic stock.
UNTREATED SEED REQUIRED!!!

Name and/or Number KS94WGRC29 Other Identifiers KS94HW319PVP applied for or granted? Yes ☐ No ☒ Number Plant Patent applied for or granted? Yes ☐ No ☒ Number

Reproductive System:

Approximate percent self fertilization under normal, field conditions: 99%Pure line ☒; Population/Synthetic ☐; or Parental Inbred ☐Percent Germination determined by Donor 96% Date of Test 11-7-94

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 586954

Seed already provided to active collection? Yes ☐ No ☒ If yes,give date location amount of seed Year seed harvested 1994Rec'd 8516
Kept 2500
Sent 6016

248g

Signature J. Joe Martin Date 12-7-94

CONTINUED ON NEXT SIDE

Revised 2/19/92

100 slwt. 29.13

TO BE COMPLETED BY NSSL:

Date Received

3895

Serial No.

300713.01

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 or the comparisons are important for rating disease and insect resistance levels. 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).]

KS94WGRC29 is a hard white winter wheat developed and released as germplasm by the Kansas Ag. Exp. Station. It carries resistance to Russian wheat aphid Diuraphis noxia (Mordvilka) derived from PI220127. KS94WGRC29 is an awned, white glumed, semidwarf wheat. It heads about 1 day earlier and has a coleoptile length 18 mm longer than Rio Blanco. The mixing strength of this line, as measured with the mixograph, is about 1 minute longer than that of Larned. KS94WGRC29 carries effective levels of resistance to leaf rust (Puccinia recondita Roberge ex Desmaz.) and stem rust (P. graminis Pers.:Pers.) but it is susceptible to Hessian fly (Mayetiola destructor[Say]) and wheat streak mosaic virus.

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

PI220127/P₅//TAM200/KS87H66

GROWTH HABIT -

Annual (Spring _____ Winter X Facultative _____)

Biennial _____ Perennial _____ Woody _____ or Tree _____

FORM RECEIVED - Seed X Plants _____ or Cuttings _____