

JUL 26 1990 RECEIVED

COLLEGE OF AGRICULTURAL RESEARCH CENTER  
WASHINGTON STATE UNIVERSITY  
PULLMAN, WASHINGTON

AND  
UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
WASHINGTON, D. C.

AND  
IDAHO AGRICULTURAL EXPERIMENT STATION  
UNIVERSITY OF IDAHO  
MOSCOW, IDAHO

AND  
OREGON AGRICULTURAL EXPERIMENT STATION  
OREGON STATE UNIVERSITY  
CORVALLIS, OREGON

NOTICE OF RELEASE OF 'KMOR' (PI536995) A SOFT WHITE WINTER  
WHEAT FOR PRODUCTION IN THE PACIFIC NORTHWEST.

The College Agricultural Research Center, Washington State University, and the Agricultural Research Service, United States Department of Agriculture the Idaho Agricultural Experiment Station, University of Idaho, and the Oregon Agricultural Experiment Station, Oregon State University, announce the release of a soft white winter wheat named 'Kmor' (PI536995). This cultivar was developed in the cooperative Federal-State research program at Pullman, Washington and named in honor of the former Extension Agronomist, at Washington State University, K.J. Morrison.

Kmor (PI536995, WA007529, VH082258) was selected in the f4 by C.J. Peterson Jr. from the cross Luke/VH067375/4/Aegilops ventricosa/triticum persicum/Marne\*3/3/Moisson. It is a white chaffed semidwarf soft white winter wheat with good winter hardiness.

Kmor is resistant to the local races of stripe rust. It is susceptible to snow mold, leaf rust and stem rust. It is moderately resistant to Cephalosporium stripe, strawbreaker foot rot, common bunt, and dwarf smut.

When the grain production was averaged over 47 site years Kmor produced 5, 6, 8.5, and 18.6 percent more grain Lewjain, Madsen, Daws and Stephens, respectively. Kmor is approximately 3 inches

taller than Daws and it matures about 2 days later than Daws. It has a 1 pound lower bushel weight than Daws and the grain protein of Kmor is equal to or lower than that of Daws.

Tests conducted by the USDA-ARS Western Wheat Quality Laboratory have found that Kmor has satisfactory milling and baking quality. Kmor equals or exceeds Nugaines, Daws, and Stephens in milling score, and baking quality.

Publicity for Kmor will be handled through the release notice and informal notification in the Wheat Newsletter. Kmor will be submitted for registration by the Crop Science Society of America. Breeder and Foundation seed will be maintained by the Washington State Crop Improvement Association under the supervision of the Agronomy and Soils Department, College of Agriculture Research Center, Washington State University, Pullman, Washington 99164.

The proposed release date is July 1, 1990. Each agency involved in the agreement may make news releases as it considers appropriate after the release date.

D. Oedenstaedt  
for Director  
College of Agricultural Research Center  
Washington State University  
Pullman, Washington

7-13-90  
Date

M. E. Carter  
for Administrator  
Agricultural Research Service  
U.S. Department of Agriculture

7-13-90  
Date

W. J. Beese  
Director  
Idaho Agricultural Experiment Station  
University of Idaho  
Moscow, Idaho

6-13-90  
Date

King Seng Hoang  
for Director  
Oregon Agricultural Experiment Station  
Oregon State University  
Corvallis, Oregon

6-15-90  
Date