

The following were developed by Robert E. Allan, USDA-ARS, Dept. of Crop & Soil Science, 209 Johnson Hall, Pullman, Washington 99164, United States. Received 05/15/1997.

**PI 597665. *Triticum aestivum* L., nom. cons.**

Breeding. Pureline. ARS96104; ARS9269; WA7690; NSGC 6424. Pedigree - VPM/Moisson 951//Yamhill/Hyslop/Hill 81/3/WA6910. A 1-gene tall semidwarf soft white common wheat with fusiform to oblong fully awned spikes, glumes and straw white. An entry in Western Regional SSW Nursery 1991-1994. High yield potential, 4% higher than Stephens (28 reg. tests), 5% higher than Madsen (37 WA tests). High resistance (Pchl gene) to eyespot foot rot. Moderate to high resistance to stripe rust, leaf rust, stem rust and Septoria leaf blotch. Compared to Madsen, greater seedling vigor and higher test weight, less coldhardiness, and less straw strength. Prone to physiologic leaf spot. Quality equal to Madsen for grain hardness, protein content, ash %, absorption, mixing time, cookie diameter and sponge cake score. Inferior to Madsen for flour yield and milling.

**PI 597666. *Triticum compactum* Host**

Breeding. Pureline. ARS9512; ARS9414; WA7770; NSGC 6425. Pedigree - Tres/3/VPM/Moisson 951//Yamhill/Hyslop/4/Tres. WA7770 is a 1-gene (Rht2) semidwarf soft white winter club wheat. Awnless-awnletted with a compact spike, glumes and straw white. Advanced in Western Regional Tests 1994-1995 and WA tests 1991-1995. Yield potential averaged 15% higher than Tres and Rohde, 8% higher than Rely, and equal to Hiller and Hyak. Compared to Hyak, less coldhardiness, lower test weight, equal seedling vigor, greater straw strength, and 5 days later heading. Resistant to eyespot foot rot. Moderate resistance to leaf rust, powdery mildew. Moderately susceptible to stripe rust, stem rust, and Cephalosporium stripe. Satisfactory milling quality, grain texture, protein content, absorption, viscosity, mixing time. Questionable cookie and sponge cake baking quality.

The following were collected by Luis E. Lopez, International Plant Genetic Resources Institute, c/o CIAT, Apto. Aereo 6713, Cali, Valle, Colombia. Received 09/22/1992.

**PI 597667. *Solanum andreanum* Baker**

Wild. CCC 4526; BE-4426; Q 29387. Collected 09/05/1973 in Narino, Colombia. Elevation 2610 m. Narino-Ipiales road to La Victoria, 3 to 8 km along the way to Verada La Estrella.

**PI 597668. *Solanum andreanum* Baker**

Wild. CCC 5186; BE-4266; Q 29400. Collected 09/02/1980 in Putumayo, Colombia. Putumayo-Sibundoy.

**PI 597669. *Solanum* sp.**

Wild. CCC 5192; BE-4266; Q 29404. Collected 09/03/1980 in Narino, Colombia. Km 12, Pasto-Buesaco.

**PI 597670. *Solanum colombianum* Dunal**

Wild. CCC 5202; BE-4266; Q 29405. Collected 09/07/1980 in Cauca, Colombia. San Sebastian-Santiago.