

PI 542400 to 542401-continued

PI 542400 **origin:** United States. **cultivar:** WA7526. **pedigree:** A bulk of 70 F6 lines containing 2 complex pedigrees made up of Tres, Tyee, Omar, Webster, Spalding Prolific, Suwon 92, Ibis, Ministre, and Druchamp. **remarks:** Soft, white, winter club bulk mixture of lines of 7 crosses. Awnless. Glume white Rht2 semidwarf. Heterogeneous for resistance to diseases caused by Puccinia Striiformis, P. recondita, Erysiphe graminis. Kernels white, soft, short, ovate to oval; germ small, crease midwide, cheeks rounded. Similar to Tres for heading data, straw strength, cold tolerance, emergence, mill and baking quality. Winter Annual. Breeding Material. Seed.

PI 542401 **origin:** United States. **cultivar:** WA7527. **pedigree:** Tres/Tyee(2 lines);Tres/Suwon 92/6*/Omar(1 line);Tres/Suwon 92/6*Omar/2629/3*Omar(2);Tres/Suwon 92/6*ON/Iblis/2*Omar(1 line)Tres/14/5*Omar/Ministre/2*Omar(2 lines));Tres/Suwon 92/6*Omar/Druchamp/3*Omar(1 line);Tres Cp(1 line). **remarks:** Soft, white, winter club multiline of 10 components. Awnless. Glume white Rht2 semidwarfs. Heterogeneous for resistance to diseases caused by Puccinia striiformis, P. recondita and Erysiphe graminis. Kernels white, soft, short, ovate to oval; germ small; crease mid-wide, cheeks rounded, heading date, straw strength, cold tolerance, emergence, milling and baking quality like Tres. Winter Annual. Breeding Material. Seed.

PI 542402 to 542404. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Orf, J.H., University of Minnesota, St. Paul, Minnesota, United States. Received June 25, 1990.

PI 542402 **origin:** United States. **origin institute:** Minnesota Agr. Exp. Sta., St. Paul, Minnesota 55100. **cultivar:** Chico. **pedigree:** [Evans x (Merit x Lee)] x (M65-69 x M65-227) M65-69 is from M54-12 (Capital x Renville) x Corsoy M65-227 is from O57-2921 (Blackhawk x Capital) x JA42 JA42 is 'Kogane-Jiro' from Japan (probably PI 317335). **other id:** CV-183. **source:** Crop Sci. 25(4):711 1985. **group:** CSR-SOYBEAN. **other id:** M74-355. **source:** Prior designation. **remarks:** Maturity Group 0. Indeterminate. Flowers white. Pubescence gray. Pods brown. Seed coats dull, yellow with buff hila. Approx. 30% smaller than most common soybeans. Rps1 gene present for resistance to phytophthora root rot (Phytophthora megasperma). Annual. Cultivar. Seed.