

PI 587156. *Zoysia japonica* Steudel  
Cultivar. "J-37". PVP 9400052.

The following were developed by R. J. Lambert, University of Illinois, Dept. of Agronomy, W-203 Turner Hall, Urbana, Illinois 61801-4798, United States. Received 05/02/1995.

PI 587157. *Zea mays* L. ssp. *mays*

Breeding. R5SSCC(6). GP-326. Pedigree - Developed from R5SSCC(O) (Illinois version of Iowa stiff-stalk synthetic) using Reciprocal Recurrent selection with an inbred tester in a high yield environment plus mass selection for multiple disease resistance. Selection was in a high yield environment at plant densities of 79,813 plants ha<sup>-1</sup>. Multiple leaf disease resistance to *Exserohilum turcicum*, races 0 and 1, *Bipolaris maydis*, races 1, 2, and 3 *Bipolaris zeicola*, *Colletotrichum graminicola*, and *Kabatiella zea*. Multiple stalk rot resistance to *Diplodia maydis*, *Colletotrichum graminicola*, *Gibberella zea* and *Fusarium moniliforme*. Plant and ear characteristics similar to R5SSC. Plant height ranges from 285 to 290cm, with grain moisture ranging from 20 to 22%. Relative maturity group 900. Leaf area infected with multiple leaf diseases will vary from 40-60%, and for multiple stalk rots the average internodes infected 1.2. Stalk lodging will vary around 10%. Should serve as good source of resistant genes for multiple leaf and stalk rot diseases.

PI 587158. *Zea mays* L. ssp. *mays*

Breeding. RBS10C(6). GP-327. Pedigree - Developed from BS10C(4) (Iowa two-ear synthetic) using Reciprocal Recurrent selection with an inbred tester in a high yield environment plus mass selection for multiple disease resistance. Selection was in a high yield environment at plant densities of 79,813 plants ha<sup>-1</sup>. Multiple leaf disease resistance to *Exserohilum turcicum*, races 0, and 1, *Bipolaris maydis*, races 1, 2, and 3 *Bipolaris zeicola*, *Colletotrichum graminicola*, and *Kabatiella zea*. Multiple stalk rot resistance to *Diplodia maydis*, *Colletotrichum graminicola*, *Gibberella zea* and *Fusarium moniliforme*. Plant and ear characteristics similar to BS10C(4). Plant height averages 282cm, with grain moisture ranging from 18 to 20%. Relative maturity group 800. Leaf area infected with multiple leaf disease will vary from 29-70%, and for multiple stalk rots average internodes infected is 1.1. Stalk lodging will vary between 6 and 10%. Should serve as good source of resistant genes for multiple leaf and stalk rot diseases of maize.

The following were developed by Warren L. Smith, University of Wyoming, Research and Extension Center, Powell, Wyoming 82435, United States. Donated by Mike Killen, University of Wyoming, Wyoming Foundation Seed, P.O. Box 983, Powell, Wyoming 82435, United States. Received 05/04/1995.

PI 587159. *Phaseolus vulgaris* L.

Cultivar. "WYO 167". Pedigree - WYO 166 / UI 114. Large seeded pinto. 1000-1100 seeds per pound. Maturity 94 days, 1-2 days longer than the parent varieties. Extensive root system, semi-vining, and tends to out-yield both parents.

The following were developed by A. Mujeeb-Kazi, International Maize & Wheat Improvement Center, Apartado Postal 6-641, Mexico City, Federal District 06600, Mexico; S. Rajaram, International Maize and Wheat Improvement Center, Lisboa 27, Apdo. Postal 6-641, Mexico, Federal District 06600, Mexico; R.L. Villareal, International Maize and Wheat Improvement Center, Apdo. Postal 6-641, Deleg. Cuauhtemoc, Mexico, Federal District 06600, Mexico; G. Fuentes Davila, International Maize and Wheat Improvement Center, Apdo. Postal 6-641,