

IV. SYMBOLS AT THE Rps<sub>1</sub> LOCUS

Some confusion may have resulted from the publication and use of various symbols for the several alleles at the Rps<sub>1</sub> locus. The Soybean Genetics Committee recognizes the following gene symbols with respect to the Rps<sub>1</sub> locus:

Accepted gene symbol	Source	Reference
<u>rps<sub>1</sub></u>	Harosoy	Bernard (as <u>ps</u> ), Hartwig (as <u>rps<sub>1</sub></u> )
<u>Rps<sub>1</sub></u>	Mukden	Bernard (as <u>Ps</u> ), Hartwig (as <u>Rps<sub>1</sub></u> ), Mueller (as <u>Rps<sup>a</sup></u> )
<u>Rps<sub>1</sub><sup>b</sup></u>	FC 31745; PI 84,637	Hartwig (as <u>rps<sub>1</sub><sup>2</sup></u> ), Mueller (as <u>Rps<sup>b</sup></u> )
<u>Rps<sub>1</sub><sup>c</sup></u>	Arksoy; PI 54,615-1	Lam-Sanchez (as <u>Rps<sub>1</sub></u> ), Mueller (as <u>Rps<sup>c</sup></u> )

References

- Bernard, R. L., P. E. Smith, M. J. Kaufmann and A. F. Schmitthenner. 1957. Inheritance of resistance to Phytophthora root and stem rot in the soybean. *Agron. J.* 49: 391.
- Hartwig, E. E., B. L. Keeling and C. J. Edwards, Jr. 1968. Inheritance of reaction to Phytophthora rot in soybean. *Crop Sci.* 8: 634-635.
- Lam-Sanchez, A., A. H. Probst, F. A. Laviolette, J. F. Schafer and K. L. Athow. 1968. Sources and inheritance of resistance to Phytophthora megasperma var. sojae in soybeans. *Crop Sci.* 8: 329-330.
- Mueller, E. H., K. L. Athow and F. A. Laviolette. 1978. Inheritance of resistance to four physiologic races of Phytophthora megasperma var. sojae. *Phytopathology* 68: 1318-1322.