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Screening for *Phytophthora sojae* resistance in Uruguay

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Phytophthora root and stem rot is a recently reported disease of soybean in Uruguay. Several pathotypes have been found, including races 4, 14 and 25, but pathotype *vir* 1b 3a 3b 5 is the most frequently recovered, corresponding to 57% of the isolates studied in Uruguay. Two hundred and one advanced lines of the soybean breeding program, a universal susceptible (Williams) and 16 commercial cultivars were inoculated with race 4 (*vir* 1a 1c 7), race 25 (*vir* 1a 1b 1c 1k 7) and pathotype *vir* 1b 3a 3b 5 using the standard hypocotyl injection test. Number of resistant lines was variable depending on the pathotype. Less than 0.5, 4.5 and 57 % of the lines were resistant to race 25, 4, and pathotype *vir* 1b 3a 3b 5, respectively. Six lines were identified as resistant to both race 4 and pathotype *vir* 1b 3a 3b 5, but none were resistant to all three pathotypes studied.