

Woodruff soybean

Woodruff is a conventional MG VII breeding line from the cross of Boggs x N7001. N7001 was derived from the cross N77-114 x PI416937. PI416937 is a Japanese accession that has been shown to possess slow wilting, aluminum tolerance, and prolific rooting. Woodruff named for John Woodruff was released due to its exceptional productivity and is being marketed by AGSouth Genetics. Across 10 Regional Test VII Tests in 2004 it averaged 9.5 bu/a higher in yield than Benning and 7.7 bu/a higher in yield than USG 7732nRR. It ranked first in yield among the 15 entries in the 2004 Regional Test VII. It has white flowers, tawny pubescence, tan pod walls, and black hila. It is resistant to southern root-knot nematode and race 3 soybean cyst nematode.

Seed Yield of Boggs x N7001 Lines in 2004 (10 locations) and 2003 (5 locations) Regional Test VII

Line	2004 yield (bu/a)	2004 rank (out of 15)	2003 yield (bu/a)	2003 rank (out of 19)
G00-3209	52.3a	1	52.7ab	2
G00-3213	49.8ab	2	55.1a	1
G00-3322	47.4bc	3	52.1ab	3
Benning	42.8d	14	47.4b	9
Haskell-RR	44.6cd	11	49.1ab	6

N7001 = N77-114 x P1416937