

SCN POPULATIONS 2016		Female Index (FI, %)								
Inbred Population	Date	PI 548402 (Pickett)	PI 88788	PI 90763	PI 437654	PI 209332	PI 89772	PI 548316	HG Type	Race
1	7/7/16	2(11)	166	0	0	90	0	104	2.5.7	1
2	7/11/16	15(54)	115	0	0	91	0	104	1.2.5.7	2
3	12/23/15	2(7)	2	1	0	4	1	13	7*	3
4	6/17/16	79(80)	42	69	0	17	96	37	1.2.3.5.6.7	4
5	4/16/15	69(87)	64	85	86	89	52	46	1-7	4
6	6/24/16	7(73)	90	0	0	97	0	100	2.5.7	5
7	7/8/16	98(101)	10	74	0	4	95	42	1.3.6.7	14

Table 1. Phenotypic characterization of *Heterodera glycines* inbred lines available for plant phenotyping. *The FI of this population on PI 548316 is usually just below 10% (HG 0) or just above (HG 7).

HG type

HG type	Indicator lines
1	PI 548402 (Peking)
2	PI 88788
3	PI 90763
4	PI 437654
5	PI 209332
6	PI 89772
7	PI 548316 (Cloud)

The number designation in the HG type of a population means that the female index (FI) was greater than 10%. This means the number of females on this soybean line was greater than 10% of the number of females that developed on the standard susceptible Lee 74. For example, a SCN population with an HG type 2.5.7 means that the number of females on indicator lines PI 88788 (2), PI 209332 (5), and PI 548316 (7) was greater than 10% of the number of females that developed on the standard susceptible Lee 74

Race

Race	Pickett	Peking	PI 88788	PI 90763
1	-	-	+	-
2	+	+	+	-
3	-	-	-	-
4	+	+	+	+
5	+	-	+	-
6	+	-	-	-
7	-	-	+	+
8	-	-	-	+
9	+	+	-	-
10	+	-	-	+
11	-	+	+	-
12	-	+	-	+
13	-	+	-	-
14	+	+	-	+
15	+	-	+	+
16	-	+	+	+

A “-” indicates that the female index (FI) was less than 10%. This means that the number of females on this soybean line was less than 10% of the number of females that developed on the standard susceptible Lee 74.

A “+” indicates that the FI was greater than 10%. This means that the number of females on this soybean line was greater than 10% of the number of females that developed on the standard susceptible Lee 74.

