

Table 1. Soybean Variety Query Criteria and Results

In addition to the criteria identified below, all search results included the following criteria:

1. From data obtained from 2019-2021
2. At least two years of data exists
3. Yield is 5% above mean trial yield

Yield (bu/ac)	Maturity Group	Soil Humic Matter (%)	Soil CEC meq/100g	Root Knot Resistant	Cyst ¹ Resistant	Frogeye Leafspot Resistant	Results/Link	No. of Varieties
55+	4 or 5	3% or less	7 or less	-	-	-	Criteria 1	19
70+	4 or 5	5% or more	-	-	-	-	Criteria 2	10
55+	6	-	-	-	-	-	Criteria 3	18
75+	6	3% or less	7 or less	-	-	-	Criteria 4	3
75+	6	3% or less	7 or less	Resistant	-	-	Criteria 5	2
75+	6	3% or less	7 or less	-	-	Resistant	Criteria 6	3
75+	6	3% or less	7 or less	-	-	Resistant	Criteria 7	3
50+	4, 5 or 6	-	-	-	Resistant	-	Criteria 8	2
70+	4 or 5	5% or more	pH 5.5 or less ²	-	-	-	Criteria 9	7
70+	6	5% or more	pH 5.5 or less ²	-	-	-	Criteria 10	3

¹Cyst resistance will vary according to the race of resistance chosen

²A soil pH of 5.5 is assumed to represent Mineral-Organic or Organic soils, not poorly managed Mineral soils with a low soil pH.