

Determining Soybean Population

I. Measure and count method

- A. 30" row soybeans:
1. Measure off 10 foot row and count plants.
 2. Number of plants divided by 10 = beans per foot of row.
 3. Plants per acre = beans per foot of row X 17,424.
- B. 15" row soybeans:
1. Measure off 10 feet of row and count plants.
 2. Number of plants divided by 10 = beans per foot of row.
 3. Plants per acre = beans per foot of row X 34,848.
- C. Drilled soybeans 7 1/2" rows:
1. Measure off 4 rows 10 feet long and count plants.
 2. Plants per acre = number plants X 1742.

II. Hula Hoop method

1. Throw a 34.5" diameter hula hoop out in your field and count the plants.
2. Use chart below to estimate population.

Drilled Soybeans Population

Plants/hoop	Est. Population
7.5	50,000
8.9	60,000
10.4	70,000
11.9	80,000
13.4	90,000
14.9	100,000
16.4	110,000
17.9	120,000
19.4	130,000
20.9	140,000
22.4	150,000
23.8	160,000
25.3	170,000
26.8	180,000
28.3	190,000
29.8	200,000
31.3	210,000
32.8	220,000
34.3	230,000
35.8	240,000
37.3	250,000
38.8	260,000
40.2	270,000
41.7	280,000
43.2	290,000
44.7	300,000

Replant Policy

If there is a need to replant a field of Beck's Seed Corn, Sure Gro™ Soybeans, Wheat or Elite Alfalfa, as determined by a Beck's representative, Beck's will furnish the seed and royalties **FREE!**

Beck's will attempt to provide the same product for replant as customer originally planted. Substitutions of some products may be necessary.

Replant must be planted in the same crop year as originally planted.

How to make a population chart for ANY diameter Hula hoop:

Diameter of Hoop (Beck's is 34.5") ÷ 2 = Radius (17.25")

17.25" X 17.25" = 297.56 sq. in. ÷144 = 2.0664 sq. ft.

2.0664 sq. ft. X 3.142 (π) = 6.4926 sq. ft. / hoop

$\frac{43,560 \text{ sq. ft. /A.}}{6.4926} = 6,709.2$ population for each bean in hoop

6.4926

Then make your chart based on **6,709.2 population** for every bean found in the hoop.

For example: 10 beans in hoop = 67,091 population

15 beans in hoop = 100,638 population

20 beans in hoop = 134,182 population