



Soybean Planting Tips

Large Lad RR, Big Fellow RR, Game Keeper RR, Habitat Haven RR, Wildlife Managers Mix RR™

Fertilizer:

Optimum pH for soybean is 6.0 — 7.0, with a target of 6.5

Nitrogen is not needed if you inoculate your soybeans. It is recommended that you apply the inoculant to the seed just prior to planting. Starter N is fine.

Soybeans remove a minimum of 40 units (pounds) of Phosphorous and 70 units of Potassium; for best results you should fertilize according to soil test (taken in the late summer or fall).

According to Dr. Grant Woods, for maximum deer antler and body weight production, use 0-70-120.

Inter-seeding with Roundup Ready Corn:

To maximize plant growth, it is best to plant corn and soybean in separate patches. If you prefer inter-seeding them, studies show that optimum results will be achieved with a 3-5 lbs of corn per 50 pounds of soybeans per acre. Nitrogen will need to be applied for the corn. Soybeans will only supply N for themselves in season.

Herbicide Application:


Glyphosate herbicide can be applied at any time, but weeds need to be controlled in the first 3-4 weeks to maximize soybean plant growth. It is important to spray weeds before they reach 4 inches in height for best results. No-till plantings should have a glyphosate application prior to or at planting. Roundup PowerMax or WeatherMax are the best products. Use a glyphosate only product with surfactant and follow label directions. Most products contain a surfactant.

Planting Time, Depth, and Spacings:

In general, most northern food plotters can plant in late May—early June. Southern food plots can usually be planted in late April-early May. Check with your local extension service for optimum dates.

Recommended planting depth of 3/4 to 1 inch in a moist soil. Plant in damp or moist soil, avoid planting in a dry or muddy soil. When broadcasting, increase your seeding rate (up to 75 pounds) since not every seed will have proper seed to soil contact.

Seed size will vary. Use 50 lbs per acre or use the chart provided to calibrate your drill or planter for optimal planting conditions.

Narrow rows (15" or less) should be used for heavy deer densities. 

Establishment:

It is recommended that you use deer deterrents for the first 4-8 weeks, especially in areas of heavy deer pressure.

Drainage:

Make sure your crops have good drainage. Soybean plant growth can be reduced when water stands on an area for 3 or more days.

Row Spacing	Seeds per row ft for each population desired		
	150,000	175,000	200,000
38" row	10.9	12.7	14.5
36" row	10.3	12.1	13.8
30" row	8.6	10.0	11.5
20" row	5.7	6.7	7.7
15" row	4.3	5.0	5.7
7.5" row	2.2	2.5	2.9
Broadcast	3.4	4.0	4.6

Data is compiled from multiple states and sources including university and extension service data.

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