



## Suggested Formula for Estimating Soybean Population

Seeds/lb.	Germ	%field Emergence	100,000 plants/acre	120,000 plants/acre	140,000 plants/acre
2500	90%	80%	55lbs./acre 137,000 spa	66lbs./acre 165,000 spa	77lbs./acre 192,000 spa
2500	85%	80%	58lbs./acre 145,000 spa	71lbs./acre 177,500 spa	82lbs./acre 205,000 spa
2500	80%	80%	62lbs./acre 155,000 spa	75lbs./acre 187,000 spa	87lbs./acre 217,000 spa
2500	75%	80%	66lbs./acre 165,000 spa	80lbs./acre 200,000 spa	93lbs./acre 232,000 spa
2800	90%	80%	50lbs./acre	60lbs./acre	70lbs./acre
2800	85%	80%	52.5lbs./acre	63lbs./acre	73lbs./acre
2800	80%	80%	55lbs./acre	66.5lbs./acre	77lbs./acre
2800	75%	80%	59lbs./acre	70lbs./acre	80lbs./acre
3000	90%	80%	46lbs./acre	55lbs./acre	64lbs./acre
3000	85%	80%	49lbs./acre	59lbs./acre	69lbs./acre
3000	80%	80%	52lbs./acre	62.5lbs./acre	73lbs./acre
3000	75%	80%	56lbs./acre	66.5lbs./acre	78lbs./acre
3300	90%	80%	41.5lbs./acre	50lbs./acre	58lbs./acre
3300	85%	80%	45lbs./acre	54.5lbs./acre	63.6lbs./acre
3300	80%	80%	47.6lbs./acre	57.1lbs./acre	66.6lbs./acre
3300	75%	80%	50lbs./acre	60lbs./acre	70lbs./acre

Seeds/lb X germ X field emergence = potential plants per pound.  
 Desired final stand population \_\_\_\_\_ ÷ potential plants/lb= \_\_\_\_\_ Lbs to plant