# Estimating Soybean Yields
# Prior to Harvest

1. Determine the number of feet of row needed to make 1/1000 of an acre.
   (See Estimating Corn Plant Population chart page 9).

2. Count the number of plants in ten (10) different randomly selected sample areas.

   Calculate the average.

   Avg.=_____= A

3. Count the number of pods per plant on ten (10) randomly selected plants from each sample area.

   Calculate the average.

   Avg.=_____= B

4. Calculate pods/acre by multiplying plant population by pods/plant.

   A x B=_____= C

5. Calculate seeds/acre by multiplying pods per acre by an estimate of 2.5 seeds/pod.

   2.5 x C=_____= D

6. Calculate pounds/acre by dividing seeds/acre by an estimate of 2900 seeds/pound.

   D ÷ 2,900=_____= E

7. Estimate Yield by dividing pounds/acre by 60 pounds per bushel.

   E ÷ 60=_____= Yield

Source: Purdue University Extension Service