You will need:
• Soybean seed - 100 kg per hectare
• 200 g sugar for 50 kg of seed
• Bucket
• 300 ml cup/bottle
• 250 g inoculant for 50 kg seed
• Tablespoon
• Clean water

1. Fill the bottle with water.
   300 ml of water is enough for 50 kg seed.

2. Add 4 tablespoons of sugar to the water.
   Mix thoroughly to get an even solution. This solution is called the sticker.

3. Add the rhizobium inoculant onto the seeds and sticker.
   Mix the seeds and the inoculant thoroughly but gently until all seeds are uniformly covered with the inoculant.

4. Mix thoroughly to get an even solution. This solution is called the sticker.
   Add the sticker to the seed.

5. Mix the seed with sticker solution until all the seeds are evenly coated with the sticker.

6. Add the rhizobium inoculant onto the seeds and sticker.
   Mix the seeds and the inoculant thoroughly but gently until all seeds are uniformly covered with the inoculant.

7. Protect the inoculated seed from direct sunlight by covering the container with paper, cloth or gunny bag and keep under the shade until planted.

**BENEFITS OF INOCULATION:**
• Inoculation ensures good nodulation.
• With good nodulation, the legume can fix its own nitrogen.
• When more nitrogen is fixed, legume yields increase. Following crops or crops intercropped with the legume also benefit from the fixed nitrogen.
• Inoculants are much cheaper than nitrogen fertilizers.

**Important:**
• 100 g of inoculant is enough for 15 kg seed. For every 1 kg of seed, use 4 teaspoons or soda bottle-tops (20 ml) of the sticker solution, and 2 heaped teaspoons or soda bottle-tops (10 g) of inoculant.
• The right inoculant must be used with the right legume. You should not apply, for instance, a bean inoculant on soybean seed.
• Inoculant contains living organisms that must be protected from heat and sun. Therefore always store the package in a cool place away from direct sunlight (for example, in a clay pot in the coolest place in the house).
• Inoculants lose their effectiveness when stored in an open package. Always store inoculants in their original package and use them quickly after opening the bag.
• Seeds should be coated with inoculant just before planting.
• Do not use inoculant after its sell-by date, as the inoculant may then not be effective anymore.