Measure 15 kg of soya bean, this will be approximately 15 litres. Place in any container that will accommodate the seeds.

Measure one soda bottle (300 ml) of clean lukewarm water.

Pour the water into a larger bottle (500 ml plastic bottle) so that it is easier to mix with the sugar.

Add 2 tablespoons of sugar to the water.

Mix thoroughly to get an even solution of sugar. This solution is called the sticker.

Add the sticker to the seed.

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

Add the 100 g (10 tablespoons) of 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.

Protect the inoculated seed from direct sunlight by covering the container with paper, cloth or gunny bag and keep under a shade. Plant as soon as possible.

**Imported:**
- 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 soyabean 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.

**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.