

**Welcome
to
System of Rice
intensification (SRI)
Presentation**

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PMIS Project

Step 1: Seed selection and soaking



Salt being dissolved in water.

Mixing seeds in water and removing green seeds.

Step 2: Seed-bed Preparation



Cleaning the land for the seed bed.



- Measuring the size of land required for setting up the nursery bed.
- Applying the first layer of compost.

Step 3: Seed Sowing



- The pre-germinated seeds being soaked before sowing.



- The seedbed being soaked before the seeds are broadcasted.



- The seeds are being broadcast in four parts, first 250 grams taken on a plate and distributed equally over the entire nursery, followed by another broadcast to fill spaces within

Step 4: Land Preparation



- Land being leveled with a wooden bar, before the marking begins.

Step 5: Marking



- A rope is tied along the length of the field and the marker is pulled parallel to the rope.

Step 6: Transplantation



- Seedlings being removed from the nursery bed with the help of a plate pushed below the root end of the seedlings.



- Each person should ideally take four lines and transplant seedlings at every intersection

Step 7: Weeding



- The Mandava weeder is about five inches broad and can be operated between two rows. It removes the weeds and mixes them with the soil.



- Weeding by Mandava weeder (4th weeding).
- Baghlan research staff are watching how Mandava weeder is Operating



**A PHOTO OF COMPARAISON BETWEEN
TRADITIONAL AND SRI**

Thank You!