SRI FARM IMPLEMENTS & MACHINERY

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What is SRI ?

“SRI is now being seen as more than a set of practices (young seedlings, wider spacing, less water etc), but really as an opportunity for maximising production potentialities and even as a philosophy. It encourages farmer participation and innovation to make it more appropriate to local conditions and more owned by the users”.

Why SRI ?

Benefits of SRI methods

- Higher yields
- Increased returns to labour
- Water saving
- Improved soil quality and increased factor use efficiency (FUE)
- Reduced requirement of seeds

- Less requirement of purchased inputs
- Higher seed quality
- Diversification of production
- Environmental benefits

Role of Agricultural Engineers in SRI?

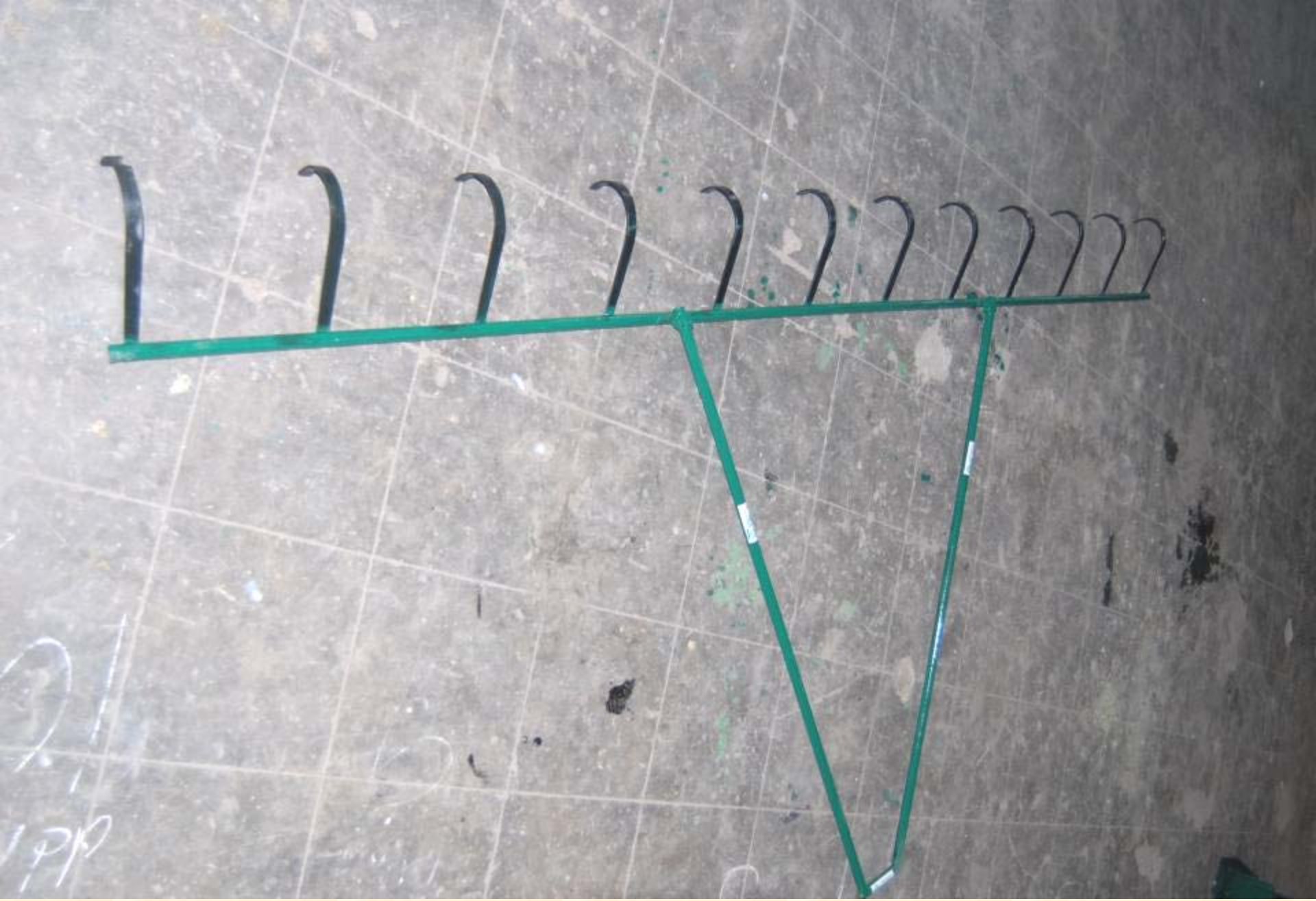
a) Development of **transplanter** suitable for transplanting 1 to 2 seedlings

b) Development of **mechanized marker**

c) Development of **mechanized weeder**

MARKERS

ANGRAU MARKER



ANGRAU MARKER

ANGRAU MARKER

WEEDERS

MANUAL WEEDER

TNAU MANUAL WEEDER

MANUAL WEEDER

MANDAVA WEEDER

MANUAL WEEDER

POWER WEEDER

SELF-PROPELLED 4-ROW WEEDER

SELF-PROPELLED 4-ROW WEEDER

SELF-PROPELLED 4-ROW WEEDER

Future Course of Action

1. Development of **paddy transplanter** suitable for transplanting 1 to 2 seedlings
2. Development of **self-propelled weeders** for single-row & multiple-row weeding


THANK YOU