

# **RAISED AND SUNKEN BED TECHNOLOGY FOR MARSHY LAND (WASTELAND)**

Area in NER	2.0 lac ha
Area in Meghalaya	1557 ha
No. of crops / year	2-3

**Technology A ratio of raised and sunken beds 40 : 60  
with raised bed height of 40 cm found optimum**

Important crops to be grown:

Cereal	Rice and Maize
Oilseed	Rapeseed and Mustard and linseed
Pulses	Greengram, Blackgram and Ricebean
Vegetables	Cauliflower, Cabbage, Broccoli, Carrot, Radish, Methi, Coriander, pea etc.

Food grain security:

At least 25% of the total marshy land (40 th ha) in NER can be brought for cultivation crop with raised and sunken bed technology

Additional land for cultivation	= 40,000 ha
Area under raised beds available for upland rice	= 16,000 ha
Rice production on raised beds @ 2.5 t/ha	= <b>40,000 t</b>
Area under sunken beds available lowland rice	= 26,000 ha
Lowland rice production @ 3.0 t/ha	= <b>78,000 t</b>
<b>Total rice production form these waste land</b>	<b>= 1, 18,000 t</b>

The raised bed area of 16,000 ha will be utilized for production of Rabi crops

Rabi crops	Oilseeds in 8,000 ha raised bed area with a production @ 1 t/ha	= <b>8000 t</b>
	Pulses in 8,000 ha raised bed area with production @ 1 t/ha	= <b>8,000 t</b>