

Under World Bank Funding  
 Land and Water Development Scheme ( TN – IAMWARM )  
 Tamil Nadu Agriculture University  
**A Revolution in Paddy Cultivation – System of Rice  
 Intensification (SRI)**

**GUIDELINES**

<p style="text-align: center;"><b><u>SEEDBED</u></b></p> <p>Area = 40 sq. mt.          Seed requirement          = 2 - 3 kg/acre          Seedling age =          14 - 16 days</p>	<p style="text-align: center;"><b><u>MORE SPACING BETWEEN PLANTS</u></b></p> <p style="text-align: center;">25 X 25 cm</p>	<p style="text-align: center;"><b><u>BENEFITS OF WEEDER</u></b></p> <p style="text-align: center;">Aeration          Increased plant          growth          Microbial activity</p>	<p style="text-align: center;"><b><u>WATER CONSERVATION</u></b></p> <p style="text-align: center;">Aeration          40 - 50% less          water          requirement</p>
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**BENEFITS**

<p style="text-align: center;"><b><u>LESS COST</u></b></p> <p style="text-align: center;">Traditional = Rs          21,429/ha          SRI = Rs 19,060/ha          (12% less)</p>	<p style="text-align: center;">More tillers          More panicles          More grains</p>	<p style="text-align: center;"><b><u>MORE YIELD</u></b></p> <p style="text-align: center;">Traditional = 5,400          kg/ha          SRI = 7,150 kg/ha          (32% more)</p>
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Water Requirement = 40 to 50 % less

Rupees Earned per Hectare		
	Traditional	SRI
Total income	32,578	42,928
Net profit	11,149	23,868

Let's conserve water in paddy cultivation  
 Let's increase the food production of our country

Director  
 Land and Water Development Scheme  
 Water Technology Centre, TNAU, Coimbatore 641 003

*[Translation of advertisement in Indian Express, 12/28/07 -- see accompanying file]*