

# Area under Zero Tillage in different Countries

<b>Sl. No.</b>	<b>Name of the country</b>	<b>Area under Zero tillage</b>
<b>1</b>	<b>USA</b>	<b>19,347,000</b>
<b>2</b>	<b>Brazil</b>	<b>11,200,000</b>
<b>3</b>	<b>Argentina</b>	<b>7,270,000</b>
<b>4</b>	<b>Canada</b>	<b>4,080,000</b>
<b>5</b>	<b>Australia</b>	<b>1,000,000</b>
<b>6</b>	<b>Paraguay</b>	<b>790,000</b>
<b>7</b>	<b>India</b>	<b>3,000,000</b>
<b>8</b>	<b>Mexico</b>	<b>500,000</b>
<b>9</b>	<b>Bolina</b>	<b>200,000</b>
<b>10</b>	<b>Chile</b>	<b>96,000</b>
<b>11</b>	<b>Uruguay</b>	<b>50,000</b>
<b>12.</b>	<b>Others</b>	<b>1,000,000</b>
<b>Total</b>		<b>46,533,000</b>

# Conservation Practices in Paddy

- ❖ Paddy raised in nursery
- ❖ Transplanted
  - ❖ Laborious
  - ❖ drudgerous operation
  - ❖ requires frequent irrigation
  - ❖ 2000-3000 lit of water-1 kg of rice
- ❖ Pre-germinated paddy seeder
- ❖ Mat type transplanter
- ❖ Direct drilling on raised bed
  - ❖ Sesbania sisbon (brown manuring)



# Experience of Bangladesh & Nepal



**Participants discussing effect of single transplants, date of transplanting and suitability of rice cultivars (sudha and Parbhat) in cropping system perspective**

# Direct Seeded Rice – A promising Resource Conserving Technology (RCT)

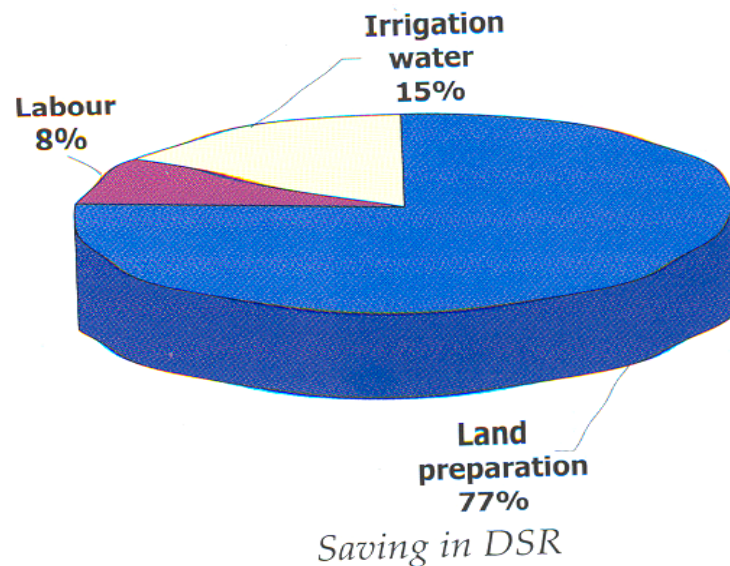
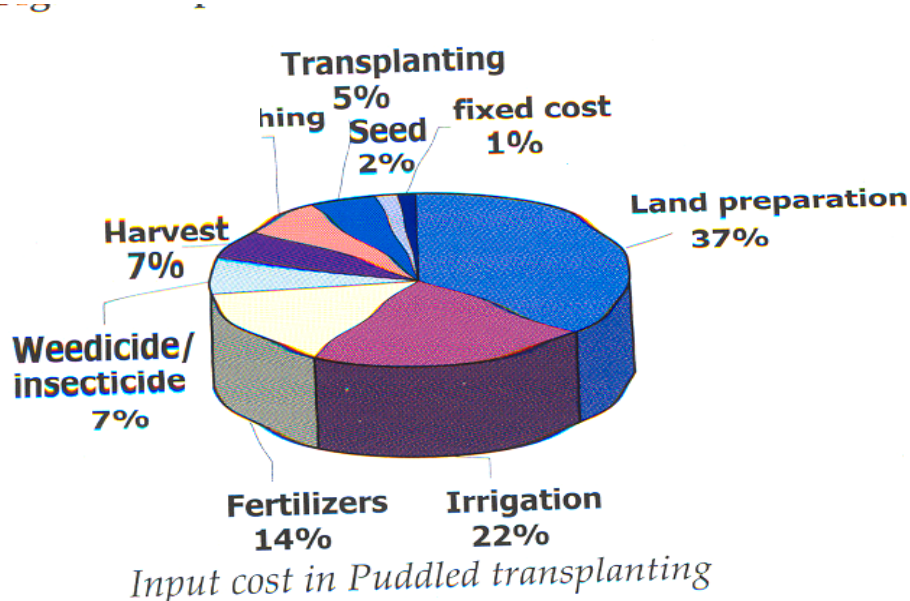


**Sesbania crop  
planted with rice**

# Traveling seminar participants visit a DSR field



# Comparative input cost in puddled transplanted rice and saving in DSR



## Input cost in Puddled Transplanting

## Saving in DSR

	Puddled Transplanted	DSR	$\Delta$ Value
Total Cost US\$	518 $\pm$ 48	275 $\pm$ 47	73
Net Income US\$	445 $\pm$ 63	354 $\pm$ 48	79