

# Leaf color chart



# Site specific N Management practices - U.S.G. leaf colour chart

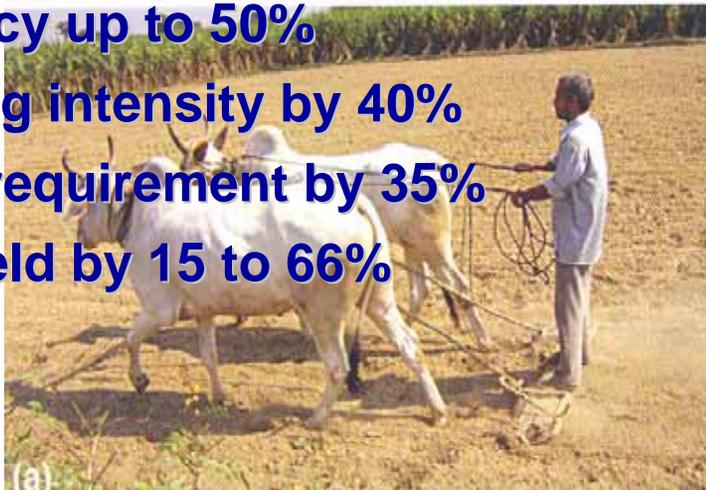


# Surface Seeding of Rice in Water Logged Area

- ❖ Wheat seeds broadcasted in standing paddy field or after paddy harvest
- ❖ Avoids fallow fields
- ❖ Helps in taking one more crop
- ❖ Additional yield 3-4 t/ ha
- ❖ Low lying areas of IGP of India, Bangladesh and Nepal
- ❖ Popular in Yangtze River in China
- ❖ Saves labour, fuel and tillage costs

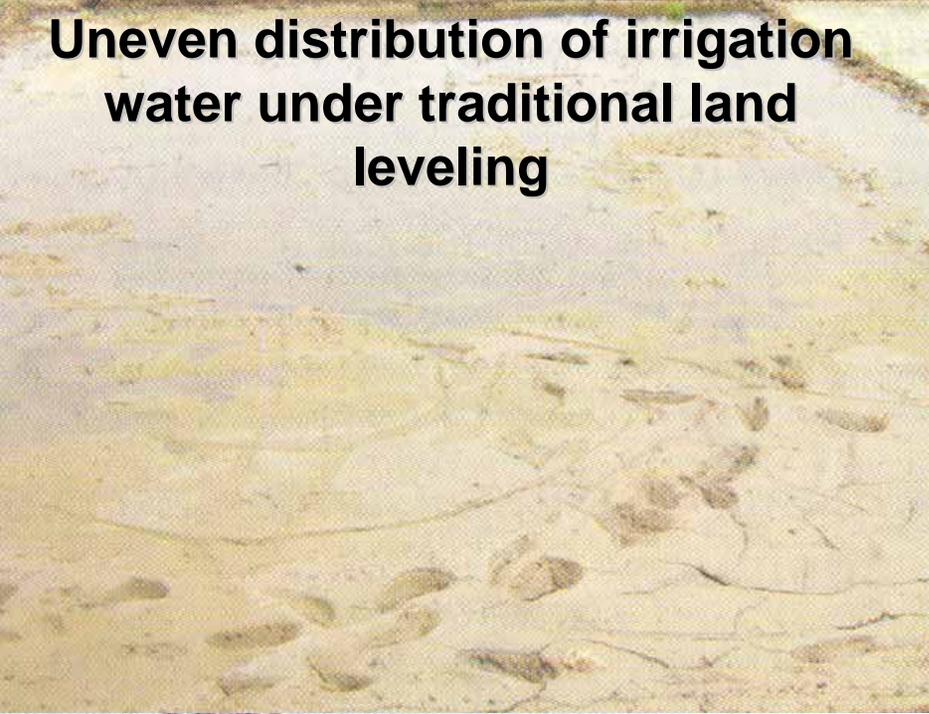
# R.C. through use of laser land leveling

- ❖ Leveling by
  - ❖ animal drawn leveler
  - ❖ tractor drawn leveler
  - ❖ laser land leveler (both direction)
- ❖ Poor crop stand
- ❖ Laser land leveler
- ❖ Over irrigation and uneven distribution due to unevenness
  - ❖ increase water application efficiency up to 50%
  - ❖ cropping intensity by 40%
  - ❖ labour requirement by 35%
  - ❖ crop yield by 15 to 66%



## Laser land leveler

**Uneven distribution of irrigation water under traditional land leveling**



**Laser leveled field prepared for rice transplanting**



**Waterlogging in a wheat field**



**Non-uniform crop stand in an undulated field**

