

Residue Management and Reduction in Environmental Pollution

- ❖ **Paddy straw burnt**
 - ❖ **Pollution**
 - ❖ **GHGs**
 - ❖ **soil degradation (loss of organic matter)**
- ❖ **mulch and promote ground water recharge**
- ❖ **reduces soil erosion**
- ❖ **solve liming problem in acidic soils**
- ❖ **About 1000 kg of of biomass can give 10 litres of ethanol**



Roto till drill



RDD seeding in full residue



Turbo seeder seeding in full residue



Happy combo seeder