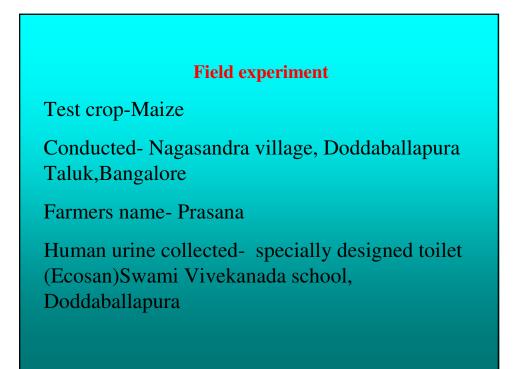
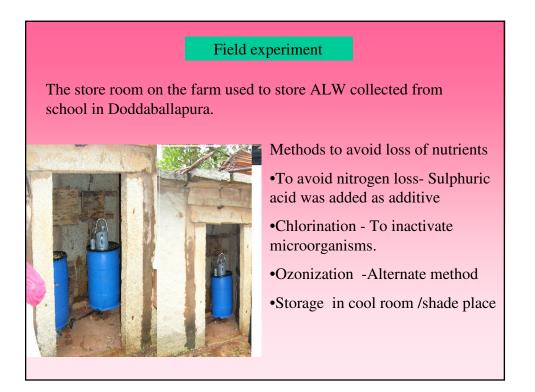
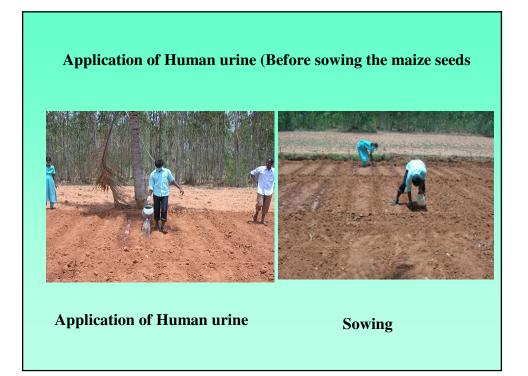


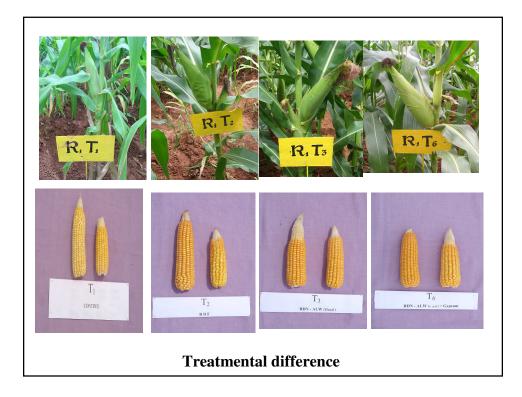
ын	5.6-7.5
Nitrogen (%)	0.26-1.2
Phosphorus (%)	0.14-0.16
Potassium (%)	0.14-0.18
Ca meq/l	8.5-9.5
Ca+Mg meq/l	3.6-3.8
Na meg/l	149.5-150.6





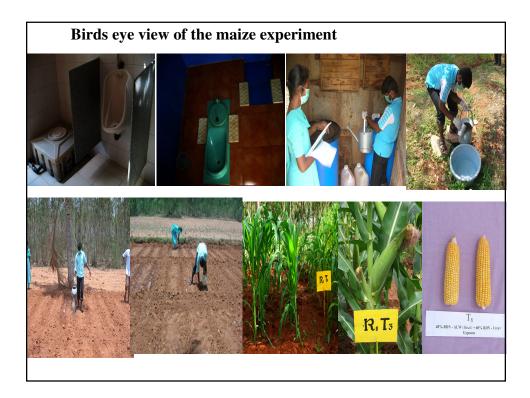






Treatment	Grain yield(q/ha)	
Control	39.9	_
Chemical fertilizer	79.5	
Human urine	80.5	

г



Experiment on Banana

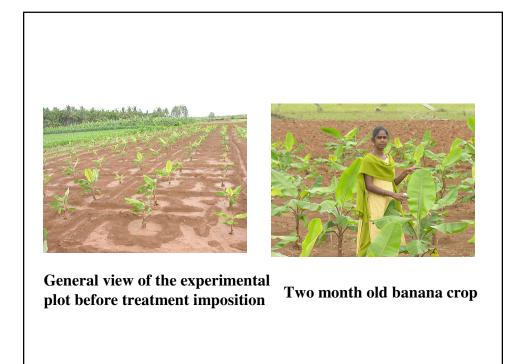
Location- Nagasandra, Farmer name- Prakash

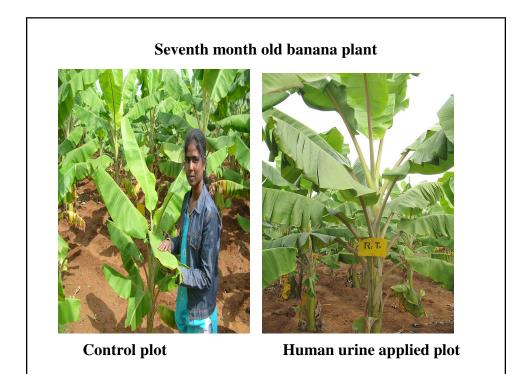
Fertilizer Recommendation – 400:240:500 kg NPK /ha

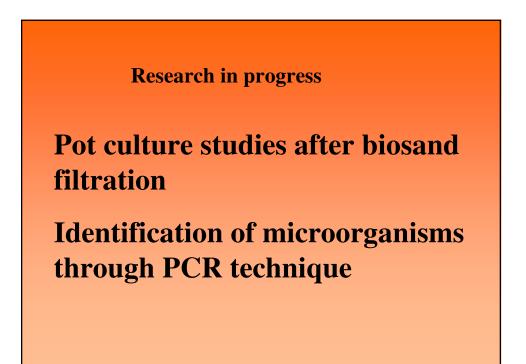
ALW-3768 liters/120 plants.

*****153846.15 liters.









HURDLES

- Collection ,Transportation and application to fields.
- Social Taboo-Marketing of produce.

Alternatives

- Creating awareness among people.
- Conversion of urine to dry powder.
- Application through drip irrigation



- Extraction of phosphorus –the most limiting nutrient.
- Extraction of the enzyme urokinase
- Research need
- Long term impact of urine on soil properties.
- Impact on soil /ground water pollution.

