

## Precision farming in Banana

### Background

Thiru.A.Sundaram of Moolapallipatt Village, of Namakkal district has 5 acres of wetland and is cultivating Banana, Onion and Maize. He has cultivated Elakki Poovan and Poovan variety of Banana under precision farming practices.

### Interventions:

- Soil and water analysis
- Selection of quality sword sucker as a planting material
- Sucker treatment
- Irrigation through Drip
- Fertigation method and
- Foliar spray of Micro nutrient.

### Process followed by KVK :

He attended many training programmes relevant to precision farming in Banana and took part in the exposure visits to various precision farming areas at Dharmapuri, which was organized by the KVK. The knowledge and skills were transferred to the end user. The farmer in turn adopted the above said practices.

### Technology:

Irrigation schedule at different crop growth stage.

1-4 weeks after planting	5-8 litres/plant
5-9 weeks after planting	8-10 litres/plant
10-19 weeks after planting	12 liters/plant
20-32 weeks after planting	16-20 liters/plant
33-37 week after planting	20 liters/plant
30-50 weeks after planting	20 liters/plant

**Fertigation schedule :**

On 5 <sup>th</sup> -125 <sup>th</sup> days after planting.	0:0:50 Urea	4.5 kg/acre 5 kg/acre
On 130 <sup>th</sup> -215 <sup>th</sup> days after planting.	0:0:50 Urea	13.400kg/acre 12.100kg/acre
On 220 <sup>th</sup> - 295 <sup>th</sup> days after planting.	0:0:50 Urea	5.500kg/acre 2.500kg/acre
On 300 <sup>th</sup> - 310 <sup>th</sup> days after planting.	0:0:50	5.00kg/acre

**Impact:**

By adopting the above mentioned technologies, he earned Rs. 85,000/- as net profit.

**Horizontal spread:**

After visualizing the returns of farms the local farming community has approached this KVK for advisory services and training.

**Employment generation:** It has generated employment for farmers and women



Mrs. Sharmila Bharathi



Fertigation unit

**Source:**

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