


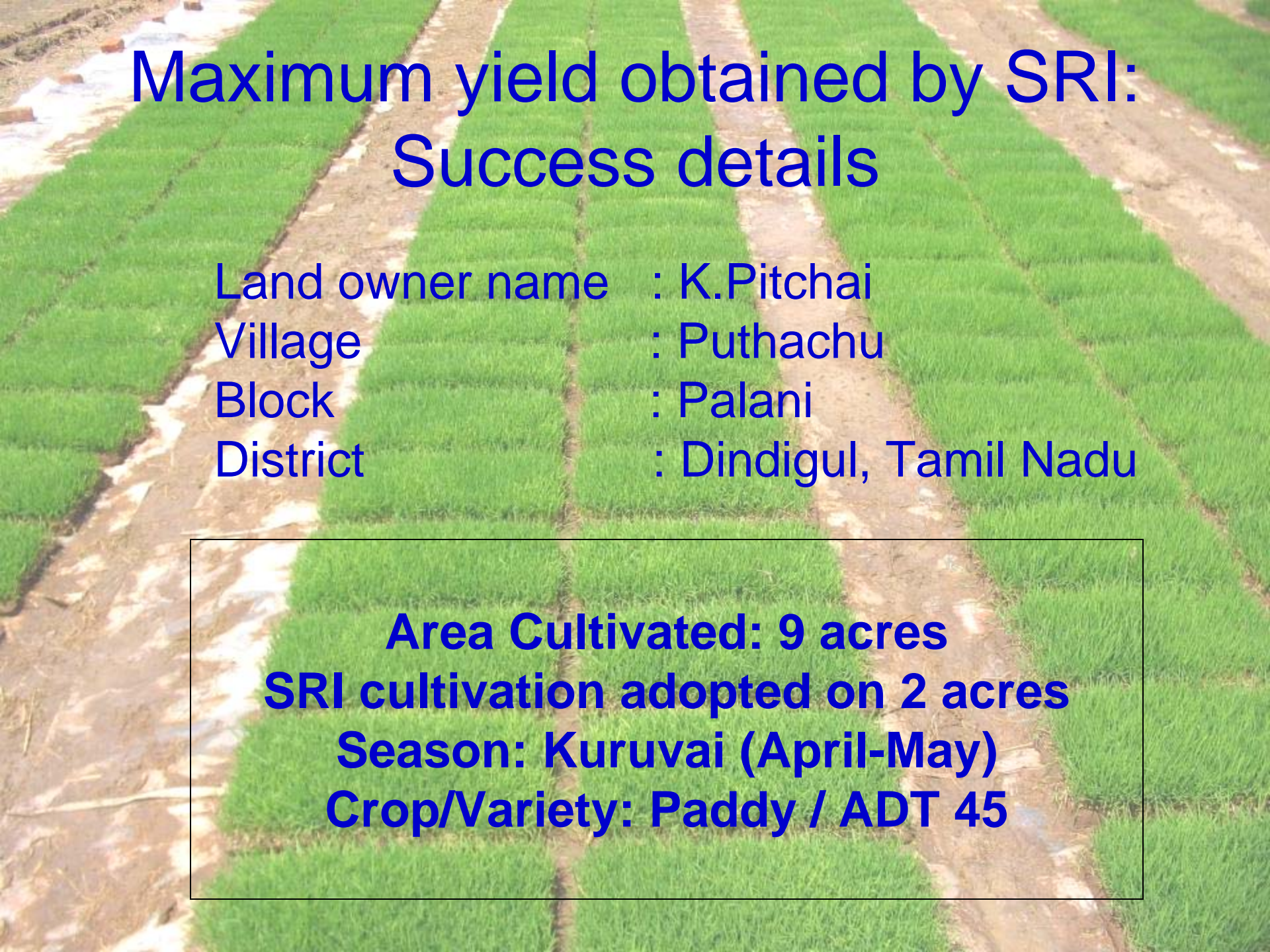
How a Farmer Obtained Higher Productivity In Paddy by Adopting SRI Methods



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INTRODUCTION

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- My name is M. Ganesan. I am a farmer working with my landowner Thiru Pitchai of Puthachu Village of Dindigul District, Tamil Nadu state.
 - We used to cultivate 9 acres of paddy every year, and in last Kuruvai Season, we adopted the System of Rice Intensification (SRI) method of paddy cultivation. We obtained yield of 14.2 MT per hectare.
 - My owner, due to his old age, cannot travel long distance. So I have come to make a powerpoint presentation regarding the higher productivity obtained.
 - Instead of conventional method, this System of Rice Intensification method introduced by the Department of Agriculture is actually a very good method to get higher yield and profit for farmers.



Maximum yield obtained by SRI: Success details

Land owner name : K.Pitchai
Village : Puthachu
Block : Palani
District : Dindigul, Tamil Nadu

Area Cultivated: 9 acres
SRI cultivation adopted on 2 acres
Season: Kuruvai (April-May)
Crop/Variety: Paddy / ADT 45

Strategies Followed

Seed rate adopted	2 kgs / acre
Seedlings planted	One seedling per hill of 14 days age
Spacing adopted	22.5 cm X 22.5 cm
Weed management	Weeding done by conoweeder at 10-day intervals -- 4 times
Fertilizer application	Top dressing of urea based on leaf colour chart index
Irrigation	Alternate wetting and drying, at 2.5 cm level

Yield components attributed

No.of hills/ m ²		20
No.of tillers / hill		52
No.of productive tillers/ hill		36
No.of grains / panicle		119
Yield / m ²		1.494 kg
Yield /acre	Wet weight	5.976 MT
	Dry weight	5.680 MT
Yield/ hectare	Dry weight	14.2 MT

Comparison between methods

Practice	Conventional method (per acre)	SRI method (per acre)
Nursery area	320 m ² (0.08 cent)	40 m ² (0.01 cent)
Seed rate	30 kg	2-3 kgs
No. of seedlings / hill	4-5 seedlings / hill	1 seedling / hill
Seedling age	25-30 days	14 days
Weeding	Manual weeding and application of weedicide	Weeding with conoweeder, incorporating weeds at 10 days intervals, 4 times
Spacing	15 cm x 15 cm (closer)	22.5 cm x 22.5 cm (wider, square)
Yield obtained	3.6 tons / ac	5.68 tons/ac

Cost : Benefit details

Particulars	Normal practice	SRI practice
Yield/ac.	3.6 MT	5.68 MT
Yield/ha.	9.0 MT	14.2 MT
Income/ac	3.6 MT x Rs. 8,000 per ton	5.680 MT x Rs. 8,000 per ton
Income/ha	= Rs. 28,800	= Rs. 45,440
	Rs. 72,000	Rs. 113,600
Cultivation cost/ac	Rs. 12,700	Rs. 9,330
Cultivation cost/ha	Rs. 31,750	Rs. 23,325
Profit/ac	Rs. 16,100	Rs. 36,110
Profit/ha	Rs. 40,250	Rs. 90,275

THANKS