



Thanks for you

ONE WHO *THINKS*
ONE WHO *INTRODUCES*
ONE WHO *PROMOTES*
ONE WHO *ADOPTS SRI*

**SRI FARMERS ASSOCIATION,
THUMBAL
(*SEMMAI NEL SAHUBADI
VIVASAYIHAL SANGAM*)**

**Guided by TNAU(Reg. No. 103/2008)
THUMBAL Post Office,
Attur Taluk, Salem District - 636114
Phone: 04292-245718**

Status of paddy cultivation in Thumbal before introducing SRI

- Main crop in our agricultural practice in Thumbal is sugarcane (to make jaggery)
- After harvesting sugarcane, we cultivate paddy (mostly for cattle feed)
- Farmers in my village are not interested in paddy cultivation -- the main reason for disinterest is shortage of labor in all seasons .
- With low price for paddy and high expenditure, we couldn't get any gain from paddy
- Paddy yield is 15 to 30 bags/acre (1 bag = 77 kg) in different soil conditions.

- We can't transplanting seedlings in proper time (sometimes it takes 50 days)
- We can't remove weeds at proper time (sometimes this is not done)
- In all, we can't take any special care for cultivation management practices on soil, plant, water, fertilizers, pests, and yield
- We think paddy cultivation mainly depends on labour, nature, and other factors
- This history is now being changed – by SRI technology

Status of paddy cultivation in Thumbal after introducing SRI

- IAMWARM introduced SRI through TCRS-Yethapur, giving farmers confidence in less labor utilization (30% less labor)
- Transplanting young seedlings, using weeder, use less water, leaf color card -- all these new things are adopted, giving more yield
- SRI teaches us about soil, micro-organisms, root aeration, exact fertilizer application, water saving, etc.
- SRI gives us good yield in our fields -- 5 to 10 bags increase in yield -- and we get more profit because of lower costs
- In future, we will adopt only SRI

Thumbal SRI Farmers Association

- In my village with IAMWARM support in first introductory season (August 2007) we planted more than 200 acres in SRI
- At first, 'nobody' would come forward to follow the methods of SRI
- They needed psychological change in their mind
- Our 1st work was make them mentally prepared to adopt SRI in their fields
- Impact of last year was such that this year without any subsidy, almost 90 % of the farmers plant paddy in SRI methods
- So with an interest in improving people's lives, we formed a village association for SRI
- This Association understands, advocates, and supports for SRI technology and congratulates those who promote SRI

Thumbal SRI Farmers Association

Main Objectives:

- Promote adoption of SRI methodology by all farmers in nearby villages
- Make farmers well-trained in SRI methods
- Avoid wastage of seeds (we feel it's a crime)
- Reduce expenses and get more income
- Give guidance to improve the standard of living of farmers
- Cooperate with TNAU for its research on SRI and other technology improvements on farmers' fields

Thumbal SRI Farmers Association

Inaugural function

Date:10 October 2008

Time:3.00 p.m

Venue: TCRS, Vethapur, Salem

Welcome address – Dr. V. Palanisamy, Prof & Head,TCRS,

**Informal address - Dr. M. V. Rangasamy, Nodal officer
(TNAU-IAMWARM)**

**Inauguration, Presidential address –Dr. C. Ramasamy,
Vice-Chancellor, TNAU**

**Acceptance address – Shri P. Baskaran, President,
Thumbal SRI Farmers Association**

**Thanks address – Dr. P.J. Pandian, Head (TNAU-IAMWARM
cell)**

**Facilitation : Dr. S. Manickam, Assoc. Prof,TCRS,Yethapur;
Shri K. Madeshwaran, Anand, Periyasamy, Sivaprahasam,
Mr. Partheban -- SRI Farmers Association members**

Some of the members of Thumbal SRI Farmers Association



Simple nursery



Nursery for 5 acres

- Combined nursery for nearby farmers



Weeder
operation(usual
method)

Weeder operation
in rows straightly

Use both hands in
handle of the
weeder

Use weeder in
only front direction

Walk and operate
weeder, one time
use it cover 1 to 1.5
meter



Roto Weeder operation

RAJI IN ACTION



‘RAJI METHOD’

- ❖ Use one hand in lower support, One hand in centre of the handle
- ❖ Use weeder in both left and right direction simultaneously
- ❖ Stand in one row, Operate on the front row ,it covers 3.5 meter to 4.5 meter in one standing position
- ❖ Frequent Weeder Operation (crossly) between next rows

'RAJI METHOD'

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ORDINARY METHOD

- ❑ Weeder operation in rows straightly
- ❑ Use both hands in handle of the weeder
- ❑ Use weeder in only front direction
- ❑ Walk and operate weeder, one time use it cover 1 to 1.5 meter

Raji Use of Weeder



Why we accept 'raji method' as one of the SRI methodology !

- ✓ Time saving
- ✓ Energy saving
- ✓ Reduce the man power
- ✓ Save money

Weeder operation

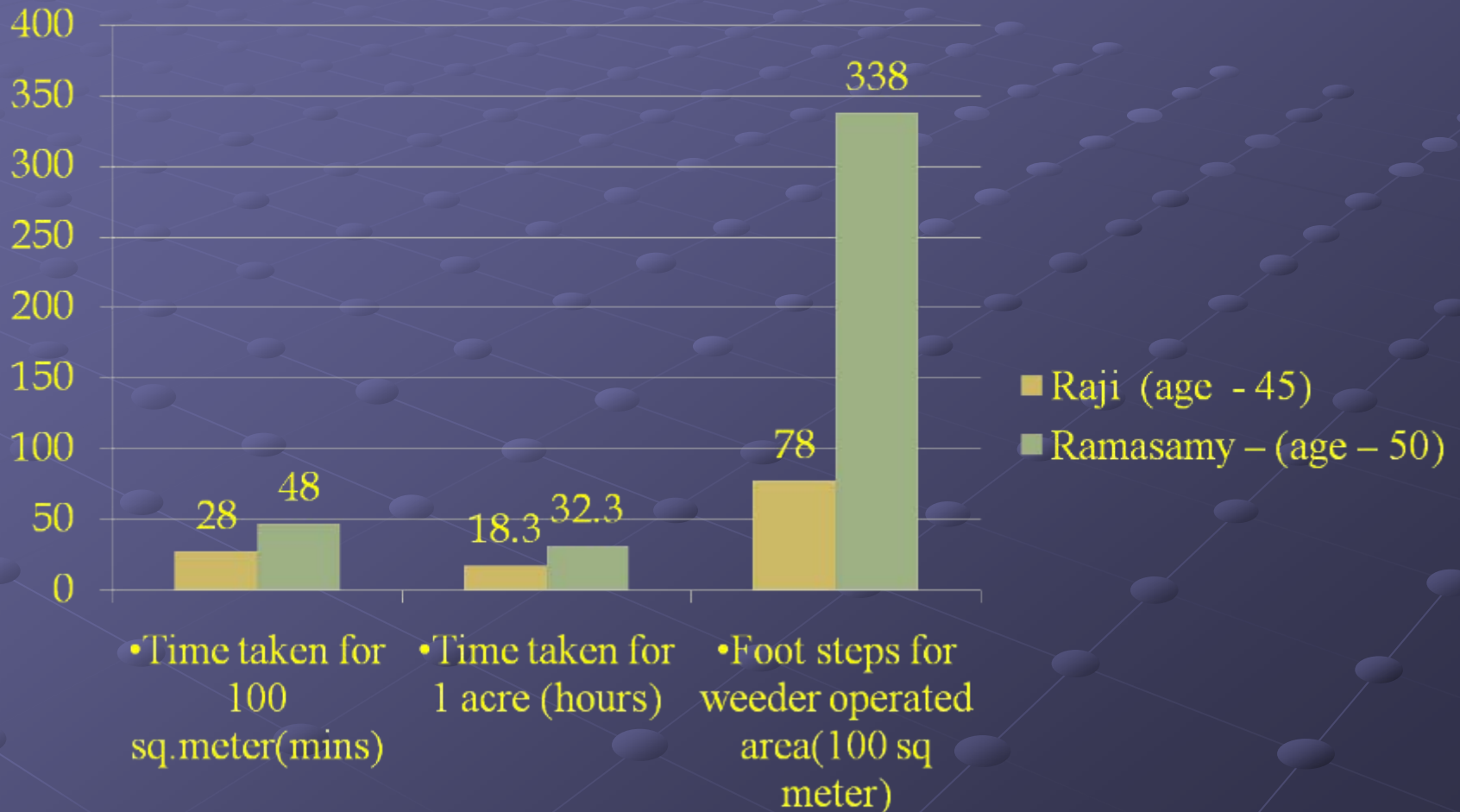
comparison –'rajimethod & usual method

Comparison table

Two farmers in same field

100 sq.meter	Raji (age - 45)	Ramasamy – (age – 50)
•Time taken (mins)	28	48
•Time taken for 1 acre (hours)	18.30	32.30
•Foot steps for weeder operated area(100 sq meter)	78	338

Comparison chart



Weeder operation comparison –'rajimethod & usual method

- ❖ Next we take another experiment on another farmer for the two methods .
- ❖ Name : kumaravel
- ❖ Age : 27
- ❖ The field already he taken weeder operation on one time
- ❖ He use altered roto weeder .

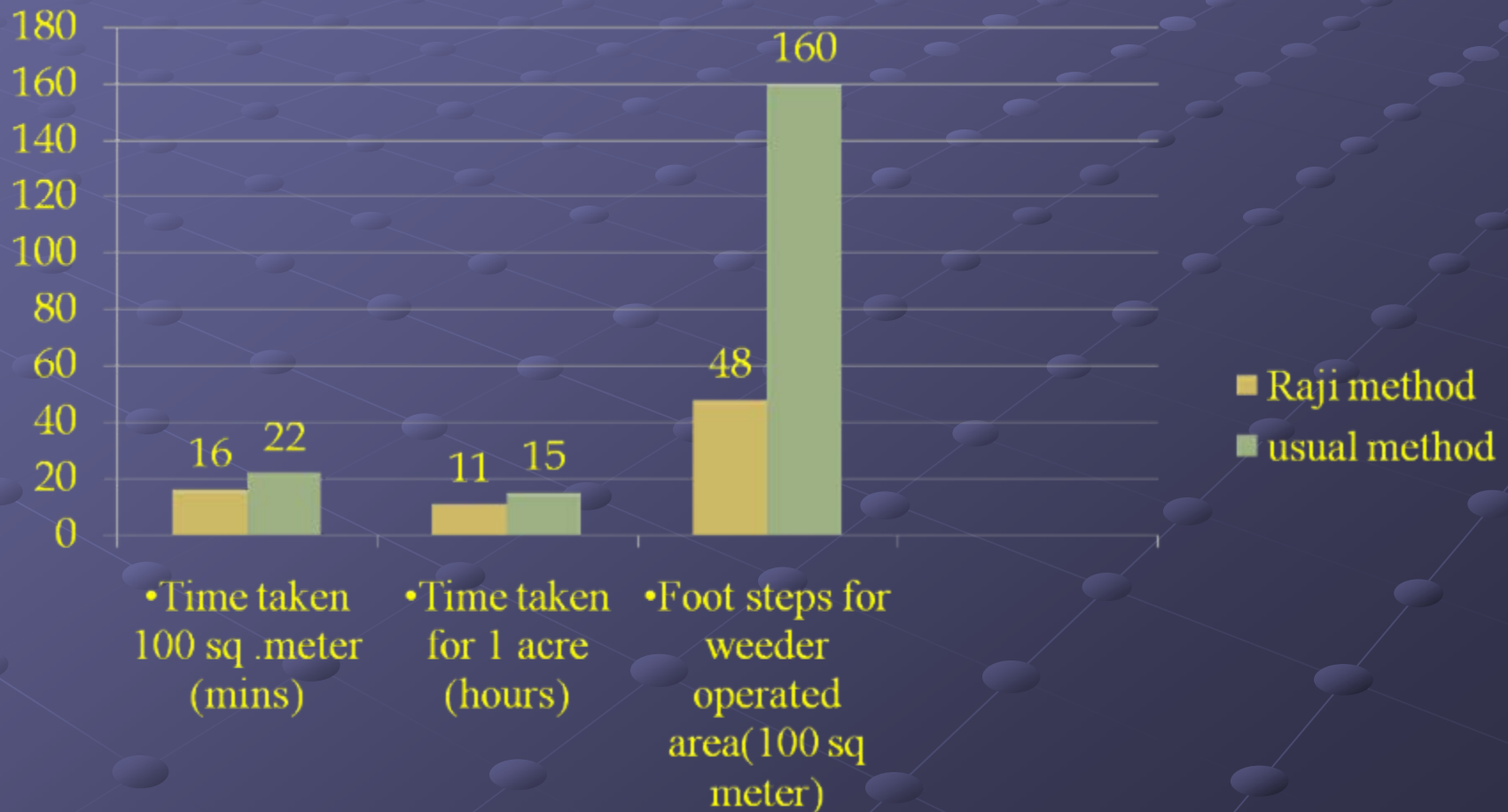
Kumaravel in weeder operation



comparison –'rajimethod & usual method

100 sq.meter	Raji method	Usual method
•Time taken (mins)	16	22
•Time taken for 1 acre (hours)	11	15
•Foot steps for weeder operated area(100 sq meter)	48	160

Weeder operation comparison –'rajimethod & usual method by kumaravel



Thumbal SRI Farmers association

- Thumbal SRI Farmers association give training with TNAU, to more than 1500 farmers in and around near by
- districts like dharmapuri, salem, perambalur, ariyalur, vellore, etc
- SRI training for farmers clubs (NABARD)



Thumbal SRI Farmers association



- ❑ SRI promote programme conducted by central co-operative bank,
- ❑ Joint Registrar, scientist TNAU and other official participated
- ❑ P.Baskaran ,president of SRI farmers association share experience on SRI

Share our experience in fields for visitors

ARIYALUR DIST FARMERS

PERAMBALUR DIST
FARMERS



VISITOR

Dr.T.M.thiyaharajan



Field festival – in thumbal
baskaran shows to minister
(90+ tillers from one seedlings)



Visitors

Hon.agricultural minister

Tamil Nadu



V.C & scientists of TNAU with SRI farmers



Sincere thanks to

All researchers and scientist in
Tamilnadu Agricultural university – coimbatore.
TCRS – Yethapur, Salem.

Dr.S.Manickam, TCRS, yethapur

Mr.Parthebhan SRF, TCRS, yethapur,

Shri.C.RAJI Thumbal,

Shri.Kumaravel Thumbal

And all our members of ,Thumbal – Semmai nel
sahubadi vivasayihal sangam,thumbal.

Presentation

by

**P.Baskaran, president,
Thumbal-SRI Farmers
Association,
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A photograph of a vast, lush green field of grass, likely a pasture or meadow. The grass is tall and dense, filling the entire frame. In the center of the image, the words "Thank you" are written in a light-colored, sans-serif font. The background shows a line of trees and a fence in the distance under a bright sky.

Thank you