

STUDIES IN THE COST OF PRODUCTION OF CROPS— (DRY PADDY IN SOUTH KANARA)

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Crop :—Paddy.

Area :— $1\frac{1}{2}$ acres.

Locality :—Hejmadi, Mangalore Taluk.

The owner of the land cultivated this plot under his own management with the help of hired labour. The crop was completely rain-fed and hence there was no necessity for any irrigation.

The seeds were soaked in water for 12 hours and kept moist for another 12 hours and then sown in dry nursery. The seeds were sown at the end of May and the seedlings were transplanted in the main field by the end of June. The field was manured well with river silt and cattle manure. The crop was left to itself without any after-cultivation and then it was harvested at the beginning of October.

The variety is called *goodu bolliari* locally and is popular among the ryots of that locality. It gives a fairly high proportion of rice to paddy. This comes up well in loamy soils and has got a medium tillering capacity. It is a short duration variety taking nearly 125 days from sowing to harvest. The seedlings remain in the nursery for about 30 to 35 days. The crop of dry paddy is rotated with horse-gram which is generally sown at the end of October.

Details of cost of cultivation, etc.

Particulars	Pairs at 12 as.	Men at 4 as.	Women at 3 as.	Amount
<i>Preparatory cultivation</i>				Rs. a p.
Ploughing with country plough 6 times...	12	12	...	12 0 0
Trimming the bunds and digging the corners	...	3	...	0 12 0
Total ...	12	15	...	12 12 0
<i>Manures and Manuring</i>				
32 loads of river silt at the rate of 2 as. per boat	...	...	...	4 0 0
9 cart loads of cattle manure	...	...	...	13 8 0
Carrying and spreading the river silt, etc.	...	...	12	2 4 0
Total ...	...	...	12	19 12 0

Details of cost of cultivation, etc.—*contd.*

Particulars	Pairs at 12 as.	Men at 4 as.	Women at 3 as.	Amount		
				Rs.	A.	P.
<i>Seeds and Sowing</i>						
Preparation of the nursery (40 cents)						
Ploughing 6 times	4	4	...	4	0	0
Passing levelling board after each ploughing	$\frac{1}{4}$	$\frac{1}{4}$	...	0	4	0
Application of ash and scrapings of manure pit 5 cart loads at Re. 1-8-0 per cart load	...	...	...	7	8	0
Spreading the manure	...	...	1	0	3	0
Carrying and broadcasting the seeds	...	$\frac{1}{4}$	$\frac{1}{4}$	0	1	9
Cost of seed (one <i>mura</i> of 60 seers)	...	...	...	3	8	0
Pulling out seedlings, carrying and transplanting	...	1	30	5	14	0
Total	4 $\frac{1}{4}$	5 $\frac{1}{2}$	31 $\frac{1}{4}$	21	6	9
<i>Harvesting and threshing</i>						
Harvesting	...	...	15	2	13	0
Carrying, threshing and cleaning	...	2	12	2	12	0
Second threshing and preparing straw bundles, etc.	...	...	6	1	2	0
Total	...	2	33	6	11	0
Grand Total	16 $\frac{1}{4}$	22 $\frac{1}{2}$	76 $\frac{1}{4}$	60	9	0

Statement of yield, rates and value

Yield	Rate	Value			
		Per plot	Per acre		
		Rs.	A. P.	Rs.	A. P.
Grain 39 <i>mur</i> s.	One <i>mura</i> of 25 m. m. at Rs. 2-14-0	112	2 0	74	12 0
Straw {	1800 prepared bundles.	18	0 0	12	0 0
	$\frac{3}{4}$ cart load of ordinary straw.	7	8 0	5	0 0
	Total value	137	10 0	91	12 0
	Less expense	60	9 9	40	6 6
	Nett profit	77	0 3	51	5 6