

Frontline demonstrations on rabi sorghum 2013-14

RR Chapke

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A. Executive summary

During *rabi* 2013-14, 341 frontline demonstrations (FLDs) on sorghum were organized in seven districts across the three different sorghum growing states *viz.*, Maharashtra, Karnataka and Andhra Pradesh. Latest sorghum varieties *viz.*, CSV 22R, CSV 18R, Phule Vasuda, Phule Suchitra, Phule Revati, Phule Anuradha, PKV Kranti, Parbhani Moti, CSV 26R and CSV 29R were demonstrated along with locally popular cultivar as a check in farmers' fields at different locations. The demonstrated sorghum varieties gave 94 per cent higher grain and 75 per cent fodder yields than the local checks. On an average, the demonstrated varieties could earn net returns of Rs.28,979/- on the cost of Rs.16,100/- per ha, which is 90 per cent more than the local check.

B. Introduction

Sorghum (*Sorghum bicolor* L. Moench) is the fourth largest crop after wheat, rice and maize, which is being cultivated by poor and small farmers in semi-arid regions of the country. The efforts made by the DSR with help of the All India Coordinated Sorghum Improvement Project (AICSIP) and State Agricultural Universities (SAU's) since its inception, has led to technologies development for enhancing production and productivity to meet requirement of food, fodder and feed.

Despite of its multiple uses, the area under sorghum in India has declined from 18.61 m. ha in 1970 to 7.93 m. ha in 2008. However, its productivity has increased from 522 kg/ha to 981 kg/ha due to significant improvements was made in research and development. There is wide gap between national productivity and yield potential of the improved sorghum technologies developed from the research institutes. The Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India, is attempting to build up linkages between research and farmers by launching programmes on technologies transfer such as, frontline demonstrations (FLDs) project since 1995-96. The project aimed to involve the scientists in demonstration of their technologies to the farmers (user of the technologies), and to have first hand feedback on its performance and problems, for its further refinement.

In view to this, FLD is one of the important programmes to evaluate and demonstrate the production potential of the recently released sorghum cultivars including package of practices in the farmers' fields. Besides, it enable to build-up confidence of the farmers to adopt the latest technologies and also help to collect valuable feedback to modify the research programme based-on their field experiences regarding performance of the technologies. Now-a-days, the farmers mostly prefers dual purpose cultivars rather the grain alone, due to meet an important requirement of fodder and food, which was also varies locations-wise. Keeping these in view, FLDs on sorghum was organized during *rabi* 2013-14 at different locations of the country.

C. Technical programme of *rabi* FLDs 2013-14

In total, 341 FLDs on sorghum were organized in farmers' fields on 152 ha through five AICSIP centres across three different sorghum growing states during *rabi* 2013-14. The cooperative and well responsive farmers from different categories were selected from the villages of each site. The detailed technical programme of FLDs on sorghum organized during *rabi* 2013-14 is given hereunder.

I. Demonstrated sorghum cultivars

Latest national and state released sorghum varieties *viz.*, CSV 22R, CSV 18R, Phule Vasuda, Phule Suchitra, Phule Revati, Phule Anuradha, PKV Kranti, Parbhani Moti, CSV 26R and CSV 29R were demonstrated and compared with locally popular varieties as a checks (LC). The local checks namely, *Maldhandi, Lakadi, Dagadi, Halijola, Budda Mallelu* (*Dagdi* type), Udgir local and Tandur local were grown by the farmers which were taken for comparisons. The centre-wise technologies demonstrated under the FLDs during *rabi* 2013-14 is given in Table 1.

Table 1 Details of frontline demonstrations organized during *rabi* 2013-14

S. No	FLD Centres	Location	No. of FLDs	Area (ha)	Demonstrated sorghum cultivar										
					CSV 22R	CSV 18R	Phule Vasuda	Phule Suchitra	Phule Revati	PKV Kranti	Parbhani Moti	CSV 26R	CSV 29R	Phule Anuradha	Local check
1	AICSIP Centre, MAU, Parbhani (Maharashtra)	Lohgoan, Indewadi, Manoli, Manwat, Zodgaon, Sailu, Parbhani, Tava, Kalmnuri, Hingoli	80	32.0	-	√	√	-	-	√	√	-	-	-	√
2	CRS, DSR, Solapur (Maharashtra)	South Solapur and North Solapur blocks of Solapur	84	40.0	√	-	-	√	√	-	-	√	√	√	√
3	AICSIP, MPKV, Rahuri	Pandharewadi, Shrigonda, Ahmednagar.	76	30.4	-	-	√	√	-	-	-	-	-	-	√
4	AICSIP Centre, UAS, Bijapur (Karnataka)	Kudure Salawadagi and Marakabbana halli in Basavan blocks of Bijapur	75	30.0	-	-	-	-	-	-	-	-	√	-	√
5	AICSIP Centre, RARS-ANGRAU, Tandur	Navalga village in Mandal Bashirabad of Ranga Reddy	26	20.0	√	-	-	-	-	-	-	-	-	-	√

√ indicates sorghum cultivar used under FLD

II. Improved package of practices for sorghum cultivation in *rabi*

The following recommended practices were advocated to implement in the FLD programme. However, all the practices could not be followed uniformly by the FLD farmers of the different regions due to various practical reasons. The precaution was taken to maintain similar situation by using same inputs to both FLD and local cultivars in the farmers' fields.

Land preparation:	One ploughing, 2-3 harrowing, 10 ton FYM per ha, if available and soil application of Thiram @ 4.5 kg ha ⁻¹
Sowing time:	2nd fortnight of September to 1st fortnight of October
Seed rate:	8-10 kg/ha (3 kg/acre)
Spacing:	Row to row 45 cm and plant to plant 12 to 15 cm
Plant population:	1.80 lakh per ha
Seed treatment:	Thiomethaxam (Cruser) 3 g/kg or Furadon 50SP@100 g/kg
Fertilizer dose (N:P:K):	60:30:00 kg /ha NPK for rainfed as basal, 80:40:40 kg /ha (50% N and full P ₂ O ₅ and K ₂ O as basal and 50% N at 30-35 days after sowing)
Irrigation:	Ist at germination, IInd at panicle initiation and IIIrd at grain filling stage, if available
Weed management:	Spray of atrazine @ 0.5 kg a.i./ha immediately after sowing, inter-cultivation 2 times at 21 and 40 DAS
Striga control:	Hand pulling when population is less, spray 2,4-D sodium salt, @ 1.0 kg a.i./ha as post-emergence
Plant protection:	Need-based soil application of Carbofuron 3G @ 2 g/m at sowing, spraying of Cypermethrin @ 2 ml/liter water at 14 & 30 DAE or Carbaryl 3G, or Furadon 3 G @ 8-12 kg ha ⁻¹ at 20 and 35 DAE
Harvesting:	100-115 days

D. Results

1. Grain, stover yields and economics of sorghum cultivation

The results indicated (Table 2 & 3) that

1. The demonstrated varieties under FLDs viz., CSV 18R, Phule Vasuda, PKV Kranti and Parbhani Moti, yielded almost double (195 per cent) grains and 95 per cent more stover than the local check in Marathwada region of Maharashtra. In results, an incremental benefit-cost (B:C) ratio of 1.00 was obtained from them compared to the local check.
2. The data on grain and fodder yields obtained from the four demonstrated varieties under FLDs which were organized by the CRS, Solapur indicated that CSV 22R, Phule Revati, Phule Suchitra, Phule Anuradha, CSV 26R and CSV 29R yielded more than double (142 per cent) grains than the local varieties (Solapur dagadi). Similar trend (149% increase) was found in stover yield.
3. Demonstrated varieties, Phule Vasudha (1.86 t/ha) and Phule Suchitra (1.60 t/ha) performed better in terms of grain yield under FLD which was 66 per cent higher than the local check (1.04 t/ha) in Western Maharashtra region. Moreover, they were performed much better (75% more) than the local check in terms of stover yield. It shows that the demonstrated varieties were also good as per the fodder yield is concerned.
4. In Bijapur area of Karnataka, recently released CSV 29R performed better and gave 29 per cent higher grain yield and 27 per cent stover yield than the local check. It was resulted in to 38 per cent additional net return (Rs.22136/- per ha) than the local check (Rs. 16013/- per ha).
5. Performance of national released variety, CSV 22R was found better in the Telangana region of Andhra Pradesh and gave 39 per cent higher grain and 28 per cent stover yield than the local check. An additional net return of 40,250/- per ha was obtained from this variety which was 29 per cent more than the local check.

E. Impact of the frontline demonstrations

The results revealed (Table 4) that the grain yield of sorghum was lower under local practice (0.93 t.ha⁻¹) as compared to FLD cultivars (1.65 t.ha⁻¹) indicating wide gap of 94 per cent, across the states. Moreover, in case of stover yield 75 per cent yield gap was found. The net returns obtained from the improved cultivars under FLDs was Rs.28,979/- per ha, while the net returns from the locally popular cultivars was Rs.15,211/- per ha which was 90 per cent less than the improved cultivars. The increase in benefit-cost ratio obtained from the FLD cultivars was 0.55.

F. Conclusion

1. Demonstrated sorghum varieties, CSV 22R, CSV 18R, Phule Vasuda, Phule Suchitra, Phule Revati, Phule Anuradha, PKV Kranti, Parbhani Moti, CSV 26R and CSV 29R yielded higher grain by 94 per cent and stover yield by 75 per cent than the local varieties namely, *Maldhandi*, *Lakadi*, *Dagadi*, *Halijsola*, *Budda Mallelu* (*Dagdi* type), Udgir local and Tandur local.
2. On an average, the demonstrated varieties could earn net returns of Rs.28,979/- on the cost of Rs.16,100/- per ha, which is 90 per cent higher than the local check. It was also resulted in to 0.55 more B:C ratio.

- The yield gap of 94 per cent was bridged in grain and 75 per cent in stover by the improved sorghum varieties, which indicated that sorghum farmers could increase grain and stover yields by using them in their fields.
- At all the locations, the demonstrated sorghum varieties took over the yields and profits of the local varieties. Therefore, the FLDs may be conducted in small area with the latest sorghum technologies to show its impact by following the guidelines strictly.

G. Looking ahead

The new opportunities and areas for sorghum cultivation are emerging in rice-fallows of coastal Andhra Pradesh, especially in Guntur district. Thus, FLDs on sorghum will be organized in rice-fallows under zero-tillage condition with promising sorghum hybrids on large scale.

Table 2 Yield of sorghum varieties under *rabi* FLDs during 2013-14

S. No	FLD Centre		Demonstrated sorghum variety									Mean	Local check (LC)	Yield Advantage (%)	
			CSV 22R	CSV 18R	Phule Vasuda	Phule Suchitra	Phule Revati	PKVKranti	Parbhani Moti	CSV 26R	CSV 29R				Phule Anuradha
1	Parbhani	Grain yield(t.ha ⁻¹)	-	2.33	1.78	-	-	1.56	2.24	-	-	-	1.98	0.67	195
		Stover yield(t.ha ⁻¹)	-	6.76	4.97	-	-	4.66	5.89	-	-	-	5.57	2.85	95
2	Solapur	Grain yield(t.ha ⁻¹)	0.99	-	-	1.25	1.87	-	-	1.46	1.16	0.86	1.26	0.52	142
		Stover yield(t.ha ⁻¹)	2.03	-	-	2.73	4.13	-	-	3.10	2.52	1.83	2.72	1.09	149
3	Rahuri	Grain yield(t.ha ⁻¹)	-	-	1.86	1.60	-	-	-	-	-	-	1.73	1.04	66
		Stover yield(t.ha ⁻¹)	-	-	4.80	3.99	-	-	-	-	-	-	4.40	2.51	75
4	Bijapur	Grain yield(t.ha ⁻¹)	-	-	-	-	-	-	-	-	-	1.45	1.45	1.12	29
		Stover yield(t.ha ⁻¹)	-	-	-	-	-	-	-	-	-	2.78	2.78	2.19	27
5	Tandur	Grain yield(t.ha ⁻¹)	1.83	-	-	-	-	-	-	-	-	-	1.83	1.32	39
		Stover yield(t.ha ⁻¹)	4.78	-	-	-	-	-	-	-	-	-	4.78	3.73	28
	Mean	Grain yield(t.ha ⁻¹)	1.41	2.33	1.82	1.43	1.87	1.56	2.24	1.46	1.16	1.16	1.65	0.93	94
		Stover yield(t.ha ⁻¹)	3.41	6.76	4.89	3.36	4.13	4.66	5.89	3.10	2.52	2.31	4.05	2.47	75

Table 3 Economics of FLDs on *rabi* sorghum organized during 2013-14

No.	FLD Centre	Grain yield (t.ha ⁻¹)		Stover yield (t.ha ⁻¹)		Cost of cultivation (Rs.ha ⁻¹)	Net return (Rs.ha ⁻¹)		B:C ratio	
		FLD	LC	FLD	LC		FLD	LC	FLD	LC
1	Parbhani	1.97	0.67	5.57	2.85	14831	44576	14768	3.00	2.00
2	Solapur	1.26	0.52	2.72	1.09	14208	20903	7508	2.39	2.10
3	Rahuri	1.73	1.04	4.40	2.51	29491	17032	6591	1.58	1.31
4	Bijapur	1.45	1.12	2.78	2.19	7867	22136	16013	2.81	2.13
5	Tandur	1.83	1.32	4.78	3.73	14102	40250	31176	2.86	2.38
	Mean	1.65	1.27	3.72	2.47	16100	28979	15211	2.53	1.98

Table 4 Yield gap between the FLDs and local check (LC) during *rabi* 2013-14

S. No.	Location	Grain yield (t.ha ⁻¹)			Stover yield (t.ha ⁻¹)		
		FLD	LC	Yield gap (%)	FLD	LC	Yield gap (%)
1	Parbhani	1.97	0.67	194	5.57	2.85	95
2	Solapur	1.26	0.52	142	2.72	1.09	150
3	Rahuri	1.73	1.04	66	4.40	2.51	75
4	Bijapur	1.45	1.12	29	2.78	2.19	27
5	Tandur	1.83	1.32	39	4.78	3.73	28
	Mean	1.65	0.93	94	4.05	2.47	75

Farmer-wise details of rabi FLDs 2013-14

Annexure-I. Results of frontline demonstrations on rabi sorghum organized by AICSIP, Parbhani

Name of farmers (Contact No.) & village,Block, District, Pin code	Age (yrs.)	Education in yrs.	Cast category (Male/Female)	Sorghum area (ha)	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
							Grain	Fodder			
Mr.Sunil Baburao Jukate At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	25	10	ST Male	0.8	Parbhani Moti	12550	23	58	69200	56650	4.51
Mr.Gangadhar Dagdoba Jukte, At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	70	10	ST Male	0.4	Parbhani Moti	12300	24	60	72000	59700	4.85
Mr.Balasaheb Vishvnath Jukte, At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	50	0	ST Male	0.4	Parbhani Moti	12550	22	55	66000	53450	4.26
Mr.Anil Vishvanath Jukte At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	25	12	ST Male	0.8	Parbhani Moti	12300	25	65	76000	63700	5.18
Mr.Arun Vishvanath Jukte At Post. Lohgoan, Tq.Parbhani Dist. Parbhani. (7387294843)	52	15	ST Male	1.2	Parbhani Moti	12300	20	52	60800	48500	3.94
Mr.Syed Mossin Syed Mussa Post. Lohgoan Tq.Parbhani Dist. Parbhani. (8605670890)	30	0	Gen Male	0.4	Parbhani Moti	12425	21	61	66400	53975	4.34
Mr.Syed Shakil Syed Khaja At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	40	4	Gen Male	0.4	Parbhani Moti	12175	23	58.5	69400	57225	4.70
Mr.Shankar Kishanrao Jukte At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	50	5	ST Male	0.4	Parbhani Moti	12550	23	58	69200	56650	4.51
Mr.Baliram Belaapa Naldkar At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	60	4	Gen Male	0.4	Parbhani Moti	12600	22	56	66400	53800	4.27
Mr.Jangnath Ravsaheb Shinde At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	45	0	Gen Male	0.4	Parbhani Moti	12425	22	60	68000	55575	4.47
Mr.Ananthrao Ravsaheb Deshmukh Post. Lohgoan Tq.. Parbhani. (9767556377)	45	10	Gen Male	0.8	Parbhani Moti	12550	23	52	66800	54250	4.32
Mrs.Nurumala Ravsaheb Deshmukh Post. Lohgoan Tq. Parbhani(9822169280)	40	0	Gen female	0.8	Parbhani Jyoti	12050	28	70	84000	71950	5.97
Mr.Narayan Keshvrao Deshmukh At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	35	10	Gen Male	0.8	Parbhani Jyoti	12550	29	76	88400	75850	6.04
Mrs.Mahananda Shivprasad Patil At Post. Lohgoan Tq.Parbhani . (9763501889)	50	9	Gen female	0.4	Parbhani Jyoti	12675	28	72.5	85000	72325	5.71
Mrs.Renuka Vilasrao Deshmukh Post. Lohgoan Tq.Parbhani Dist. Parbhani.	30	4	Gen female	0.4	Vasudha	12850	21	60	66000	53150	4.14
Mr.Amjad Khan Ahemad Khan At Post. Lohgoan Tq.Parbhani Dist. Parbhani. 9527155775	26	10	Gen Male	0.4	Vasudha	12750	19	55	60000	47250	3.71
Mr.Gangadhar Bansidhar Deshmukh At Post. Lohgoan Tq.Parbhani Dist. Parbhani	70	10	Gen Male	0.4	Parbhani Moti	12300	25	62	74800	62500	5.08
Mrs.Prabhavati Janardhan Deshmukh At Post. Lohgoan Tq.Parbhani (9673191648)	50	7	Gen female	1.8	Vasudha	12425	24	63	73200	60775	4.89
Mrs.Endubai sopanrao Deshmukh At Post. Lohgoan Tq.Parbhani Dist. (9763443429)	50	0	Gen female	3.8	Vasudha	12175	22	58	67200	55025	4.52
Mr.Shamsundar Satvaji Gandhevar At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	45	5	SC Male	0.4	Vasudha	12625	21	56	64400	51775	4.10
Mr.Manjak Kachru Kansatvar At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	65	0	ST Male	1.2	Parbhani Moti	12550	24	62	72800	60250	4.80
Mr.Shivdas Wamanappa Patil At Post. Lohgoan Tq.Parbhani . (8600774011)	50	6	Gen Male	0.4	Parbhani Moti	12425	21	55	64000	51575	4.15
Mr.Bhagwan Dhandiraj Deshmukh At Post. Lohgoan Tq.Parbhani . (9011083185)	38	17	Gen Male	1.2	Parbhani Moti	12300	23	61	70400	58100	4.72
Mr.Govind Anadrao Deshmukh At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	45	15	Gen Male	0.4	Parbhani Moti	12300	20	52	60800	48500	3.94
Mr.Ashok Aatmaram Rajee At Post. Lohgoan Tq.Parbhani Dist. Parbhani.	25	12	Gen Male	0.8	Parbhani Moti	12750	25	65	76000	63250	4.96
Mrs.Manisha Ravindra Chandale At Post.Indewadi Tq. Parbhani Dist. Parbhani	35	7	OBC Female	0.4	Parbhani Moti	12550	25	65	76000	63450	5.06
Mr.Balasaheb Tulshiram Kachve At Post.Indewadi Tq. Parbhani (9881587375)	68	4	OBC Male	0.4	Parbhani Moti	12550	24	63	73200	60650	4.83
Mr.Deepak Balasaheb Kachve At Post.Indewadi Tq. Parbhani Dist. Parbhani	35	15	OBC Male	0.4	Parbhani Moti	12550	23	61	70400	57850	4.61
Mr.Vaibhav Vyankatrao Chandale At Post.Indewadi Tq. Parbhani Dist. Parbhani	20	12	OBC Male	0.4	Parbhani Moti	12175	22	60.5	68200	56025	4.60
Mr.Sanjay Uttamrao Sisode At Post.Indewadi Tq. Parbhani Dist. Parbhani(9766529477)	42	16	OBC Male	1.2	Parbhani Moti	12050	22	58.5	67400	55350	4.59
Mr.Mokind Tukaramji Sisode At Post.Indewadi Tq. Parbhani Dist. Parbhani(9405491635)	40	16	OBC Male	0.6	Parbhani Moti	12050	23	60	70000	57950	4.81
Mr.Balasaheb Madhvrao Biradar At Post.Indewadi Tq. Parbhani Dist. Parbhani	42	12	OBC Male	0.4	Parbhani Moti	12050	25	65	76000	63950	5.31
Mr.Vijay Balasaheb Kachve At Post.Indewadi Tq. Parbhani Dist. Parbhani (9766454227)	28	15	OBC Male	0.4	Parbhani Moti	12175	25	65	76000	63825	5.24
Mr.Manik Baliram Kachve At Post.Indewadi Tq. Parbhani Dist. Parbhani (9096291045)	50	4	OBC Male	0.4	Parbhani Moti	12550	23	60	70000	57450	4.58
Mr.Kishanrao Digambarrao Kachve At Post.Indewadi Tq. Parbhani Dist. (966583420)	48	4	OBC Male	0.4	Parbhani Moti	12425	22	58	67200	54775	4.41
Narayan Shankar Bhale At Post.Manoli Tq. Manwat Dist. Parbhani	50	4	SC Male	0.4	Vasudha	12300	22	58	67200	54900	4.46
Sopan Santoba Bhale At Post.Manoli Tq. Manwat Dist. Parbhani	50	3	SC Male	0.4	Vasudha	12300	24	63	73200	60900	4.95
Shaikh Dastgir At Post.Manoli Tq. Manwat Dist. Parbhani (9970619135)	45	4	Gen. Male	0.4	Vasudha	12175	25	65	76000	63825	5.24

Name of farmers (Contact No.) & village,Block, District, Pin code	Age (yrs.)	Education in yrs.	Cast category (Male/Female)	Sorghum area (ha)	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
							Grain	Fodder			
Dynoba Narayan Talekar At Post.Manoli Tq. Manwat Dist. Parbhani (9763379300)	45	12	Gen. Male	1.6	Akola Kranti	12300	25	65	76000	63700	5.18
Baban Ganpatrao Talekar At Post.Manoli Tq. Manwat Dist. Parbhani (9763560413)	42	15	Gen. Male	1.2	Vasudha	12175	25	65	76000	63825	5.24
Ramkishan Ravan Shelar At Post.Manoli Tq. Manwat Dist. Parbhani (9763247828)	42	7	Gen. Male	0.4	Vasudha	11925	22	58.5	67400	55475	4.65
Uttam Ramchandra Legule At Post.Manoli Tq. Manwat Dist. Parbhani	52	4	OBC Male	1.2	Akola Kranti	12050	20	52	60800	48750	4.05
Ramesh Gulabrao Bhand At Post.Manoli Tq. Manwat Dist. Parbhani (9975326804)	30	15	OBC Male	0.6	Parbhani Moti	12050	22	55.5	66200	54150	4.49
Satish Rameshwar Shinde At Post.Manoli Tq. Manwat Dist. Parbhani (9158797879)	25	10	Gen. Male	0.4	Parbhani Moti	12175	22	60.5	68200	56025	4.60
Janardhan Dadarao Shinde At Post.Manoli Tq. Manwat Dist. Parbhani	48	7	Gen. Male	1.2	Parbhani Moti	12050	24	65	74000	61950	5.14
Mahadev Shesherao Shinde At Post.Manoli Tq. Manwat Dist. Parbhani	60	7	Gen. Male	1	Parbhani Moti	12050	20	52	60800	48750	4.05
Balasaheb Vithalrao Bhande At Post.Manoli Tq. Manwat Dist. Parbhani	57	10	OBC Male	1.2	Parbhani Moti	11925	24	63.5	73400	61475	5.16
Sandeep Shesherao Bhande At Post.Manoli Tq. Manwat Dist. Parbhani	50	4	OBC Male	1.8	Parbhani Moti	12050	22	58.5	67400	55350	4.59
Subhsh Sandpan Bhande At Post.Manoli Tq. Manwat Dist. Parbhani (8888933952)	35	8	OBC Male	0.6	Parbhani Moti	12300	22	57.5	67000	54700	4.45
Trimbak Dadarao Survase At Post.Manoli Tq. Manwat Dist. Parbhani	35	6	Gen. Male	0.4	Parbhani Moti	12600	25	65	76000	63400	5.03
Bhagwan Ramrao Survase At Post.Manoli Tq. Manwat Dist. Parbhani (9767459247)	45	7	Gen. Male	0.4	Parbhani Moti	12500	24	64.5	73800	61300	4.90
Dynoba Murlidhar Shinde At Post.Manoli Tq. Manwat Dist. Parbhani (9921189750)	35	10	Gen. Male	0.8	Parbhani Moti	12600	22	58	67200	54600	4.33
Bhagwan Dagdoba Shinde At Post.Manoli Tq. Manwat Dist. Parbhani (8380973066)	50	5	Gen. Male	2	Akola Kranti	12600	20	60.5	64200	51600	4.10
Ganesh Vitthal Dhondge At Post.Manoli Tq. Manwat Dist. Parbhani (9922681663)	50	10	SC Male	1.2	Akola Kranti	12300	21	63.5	67400	55100	4.48
Udhav Vitthal Shinde At Post.Manoli Tq. Manwat Dist. Parbhani	40	12	Gen. Male	0.8	Akola Kranti	12500	22	65	70000	57500	4.60
Ashok Bhaurao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9545751278)	35	7	Gen. Male	2	Vasudha	12600	12	35	38000	25400	2.02
Arun Vykatrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (7798009535)	34	7	Gen. Male	0.4	Vasudha	12500	10	29	31600	19100	1.53
Madhav Dattary Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9422877854)	60	8	Gen. Male	0.8	Parbhani Moti	12300	15	42	46800	34500	2.80
Manik Eknathrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (8390655794)	25	10	Gen. Male	0.8	Vasudha	11925	8	25	26000	14075	1.18
Subhash Paraji Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (7507439033)	40	6	Gen. Male	0.4	Parbhani Moti	12100	24	63.5	73400	61300	5.07
Balasaheb Sopan Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (97370763294)	30	4	Gen. Male	1.6	Parbhani Jyoti	12300	5	26	20400	8100	0.66
Ganpati Manikrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (7798847409)	50	8	Gen. Male	0.8	Parbhani Moti	12300	23	60.5	70200	57900	4.71
Sanjay Udhavrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9763142516)	35	4	Gen. Male	0.4	Parbhani Moti	12600	24	63	73200	60600	4.81
Keshav Mahadev Hinge At Post Zodgaon Tq. Sailu Dist. Parbhani (9765691697)	40	10	OBC Male	0.4	Parbhani Moti	12100	22	57.5	67000	54900	4.54
Ganpat Mahadev Umare At Post Zodgaon Tq. Sailu Dist. Parbhani (9767248735)	35	3	Gen. Male	0.4	Akola Kranti	12300	8	28	27200	14900	1.21
Bhagwan Shankrao Dambale At Post Zodgaon Tq. Sailu Dist. Parbhani (9673063797)	40	5	SC Male	1.2	Vasudha	11925	12	32	36800	24875	2.09
Sidharth Munja Dambale At Post Zodgaon Tq. Sailu Dist. Parbhani (9881993116)	30	10	Gen. Male	1.2	Akola Kranti	12300	9	31	30400	18100	1.47
Deepak Sampatrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (8698031642)	45	5	SC Male	0.8	Parbhani Moti	12300	24	63	73200	60900	4.95
Mokind Govindrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9545158692)	65	7	Gen. Male	0.4	Akola Kranti	12300	10	32	32800	20500	1.67
Vishnu Bhgwan Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (8600713659)	40	5	Gen. Male	0.4	Vasudha	12500	15	42	46800	34300	2.74
Zubar Bailram Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9850819965)	45	10	Gen. Male	0.8	Parbhani Moti	12500	22	58.5	67400	54900	4.39
Sarita Sanjay Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (8552804863)	35	12	Gen. Female	1.6	Parbhani Moti	12300	23	60.5	70200	57900	4.71
Vitthal Marotrao Mogare At Post Zodgaon Tq. Sailu Dist. Parbhani (77980881672)	65	5	OBC Male	0.8	Parbhani Moti	12100	23	60	70000	57900	4.79
Sudam Yamrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9545591646)	40	5	Gen. Male	0.8	Akola Kranti	11925	11	34	35600	23675	1.99
Sunanda Babasaheb Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9881525677)	40	8	Gen. Female	1.2	Vasudha	11925	10	32	32800	20875	1.75
Dynoba Tatyarao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9921597724)	70	9	Gen. Male	0.4	Parbhani Jyoti	12100	8	52	36800	24700	2.04
Amol Babasaheb Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9890348484)	26	17	Gen. Male	4	Akola Kranti	12300	10	35	34000	21700	1.76
Madhukar Ganeshrao Pawar At Post Zodgaon Tq. Sailu Dist. Parbhani (9881525498)	40	10	Gen. Male	0.4	Parbhani Moti	12300	23	60	70000	57700	4.69
Dhondi Meghaji Dukare At Post Zodgaon Tq. Sailu Dist. Parbhani (9881638560)	70	2	OBC Male	0.8	Parbhani Moti	12600	25	65	76000	63400	5.03
Mokind Rambhau Pawar At Post Tava Tq. Kalmnuri Dist. Hingoli (9545156879)	60	0	Gen. Male	1.6	Vasudha	12500	10.5	48	40200	27700	2.22

Annexure-II. Results of rabi frontline demonstrations on sorghum organized by CRS, Solapur

S. No.	Name of farmers (Contact No.) & village,Block, District, Pin code	Age (yrs.)	Education in yrs.	Cast & Gender	Sorghum area (ha)	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
								Grain	Fodder			
	ULE CLUSTER											
1	SHRI. GYANESHWAR THUKARAM KOLI, (7875638955) VILLAGE: ULE TALUKA: SOUTH SOALPUR DISTRICT:SOALPUR PIN-413002	50	12	OBC & Male	0.4	PHULE REVATI	20992	30	65	83290	62298	3.97
2	SHRI. GYANESHWAR THUKARAM KOLI, (7875638955) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	50	12	OBC & Male	0.4	CSV 29R	16971	17.5	38	48608	31637	2.86
3	SHRI. GYANESHWAR THUKARAM KOLI, (7875638955) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	50	12	OBC & Male	0.4	PHULE SUCHITRA	15330	15	33	41778	26448	2.73
4	SHRI. NIVARTHI THUKARAM KOLI (9623102889) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	45	10	OBC & Male	0.4	PHULE REVATI	15516	15	35	42310	26794	2.73
5	SHRI. NIVARTHI THUKARAM KOLI (9623102889) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	45	10	OBC & Male	0.4	CSV 29R	14891	14.5	29	39614	24723	2.66
6	SHRI. BHUJANG NAMDEV PANDREY (9623102889) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	48	8	OBC & Male	0.4	CSV 26	16770	20	42	55172	38402	3.29
7	SHRI. SOPAN THUKARAM KOLI (7507383626) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	43	15	OBC & Male	0.4	PHULE REVATI	16436	18	41	50506	34070	3.07
8	SHRI. SOPAN THUKARAM KOLI (7507383626) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	43	15	OBC & Male	0.4	PHULEANURAD HA	13516	10	20	27320	13804	2.02
9	SHRI. HANUMANTH ATHAMARAM KANDAGALE (9822168741) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	48	5	GEN & Male	0.4	PHULE REVATI	13388	14	28	38248	24860	2.86
10	SHRI. HANUMANTH ATHAMARAM KANDAGALE (9822168741) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	48	5	GEN & Male	0.8	PHULE ANURADHA	10070	6	15	17190	7120	1.71
11	SHRI. JUMBAR ATHAMARAM KANDAGALE , (9923535523) VILLAGE: ULE, TALUKA:SOUTH SOALPUR PIN:413002	60	2	GEN & Male	0.4	CSV 29R	13643	15	31	41246	27603	3.02
12	SHRI. AMARNATH SHIVSHANKAR CHAUHAN, (0217-2328822) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	54	10	GEN & Male	0.8	PHULE REVATI	25161	37.5	91.8	106972	81811	4.25
13	SHRI. SIDDRAMAPPA SHIVSHANKAR CHAUHAN, (0217-2328822) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	26	12	GEN & Male	0.4	CSV22	14874	13.75	31	38606	23732	2.60
14	SHRI. SIDDRAMAPPA SHIVSHANKAR CHAUHAN, (0217-2328822) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	26	12	GEN & Male	0.4	CSV 26	16398	19.5	40	53540	37142	3.27
15	SHRI. AMAR SHIVSHANKAR CHAUHAN, (0217-2328822) VIL.: ULE TALUKA:SOUTH SOALPUR:413002	57	8	GEN & Male	0.4	CSV 29R	16345	17.5	42	49672	33327	3.04
16	SHRI. MOHAN KASHINATH SHINDE, (9921635009) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	65	7	GEN & Male	0.4	PHULE REVATI	15376	17.5	41	49406	34030	3.21
17	SHRI. MOHAN KASHINATH SHINDE, (9921635009) VILLAGE: ULE, TALUKA:SOUTH SOALPUR:413002	65	7	GEN & Male	0.4	CSV 26	13810	13	30	36580	22770	2.65
18	Shri. SHRI. POPAT KASHINATH SHINDE, (9921635009) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	45	5	GEN & Male	0.4	CSV 29R	10750	7.5	15	20490	9740	1.91
19	Shri. SHRI. POPAT KASHINATH SHINDE, (9921635009) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	45	5	GEN & Male	0.4	PHULE ANURADHA	10226	6.25	11	16676	6450	1.63
20	SHRI. NAMDEV ABHIMAN KANDAGALE(9623076697) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	31	10	GEN & Male	0.8	PHULE SUCHITRA	12090	8	18	22388	10298	1.85

S. No.	Name of farmers (Contact No.) & village,Block, District, Pin code	Age (yrs.)	Education in yrs.	Cast & Gender	Sorghum area (ha)	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
								Grain	Fodder			
21	DR.DAYANAND P.NAKATHE (9850818650) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	41	19	GEN & Male	0.8	CSV 29R	10750	7.5	15	20490	9740	1.91
22	MRS. NANDINI DAYANAND (9850818650) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	38	16	GEN & Male	0.8	PHULE SUCHITRA	11120	8.25	18	22938	11818	2.06
23	SHRI. LAKSHMAN DASHARATH KANDAGALE (9657284828) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	40	5	GEN & Male	0.4	PHULE SUCHITRA	20518	25	61	71226	50708	3.47
24	SHRI. GYANOBHA SOPAN GORPHADE (9657284828) VILLAGE: ULE, TALUKA:SOUTH SOALPUR DIST: SOALPUR PIN:413002	50	5	GEN & Male	0.4	CSV26	15838	19	40	52440	36602	3.31
	KASHEGAON CLUSTER										0	0.00
25	MR. SADIK PATHAN (9822857525) VILLAGE: EKRUKH, TALUKA:NORTH SOALPUR DIST: SOALPUR PIN:413002	35	15	GEN & Male	0.4	PHULE REVATI	16601	16.5	38	46408	29807	2.80
26	MR. SADIK PATHAN (9822857525) VILLAGE: EKRUKH, TALUKA:NORTH SOALPUR DIST: SOALPUR PIN:413002	35	15	GEN & Male	0.4	CSV 26	15281	12.5	29	35214	19933	2.30
27	MR. MOULALI ISMAIL PATHAN (9822857525) VILLAGE: EKRUKH, TALUKA:NORTH SOALPUR DIST: SOALPUR PIN:413002	68	8	GEN & Male	0.8	PHULE SUCHITRA	14302	10	21.9	27852	13550	1.95
28	MRS.SHABIRABI ISMAIL PATHAN (9822857525) VILLAGE: EKRUKH, TALUKA: N.SOLAPUR DISTRICT: SOLAPUR PIN-413002,	50	3	GEN & Male	0.8	CSV 29R	12990	9	21	25386	12396	1.95
29	MR. ANANDA MORE (9960260004) VILLAGE: EKRUKH TALUKA:N.SOLAPUR DISTRICT: SOLAPUR PIN-413002	60	6	GEN & Male	0.4	PHULE REVATI	14440	17.5	39	48874	34434	3.38
30	MR. ANANDA MORE (9960260004) VILLAGE: EKRUKH TALUKA: N.SOLAPUR DISTRICT: SOLAPUR PIN-413002	60	6	GEN & Male	0.4	CSV 26	14954	16.25	34	44904	29950	3.00
31	MR. RAVI ANANDA MORE (9960260004) VILLAGE: EKRUKH TALUKA: N.SOLAPUR DISTRICT: SOLAPUR PIN-413002	26	12	GEN & Male	0.8	PHULE SUCHITRA	15058	15.5	37	43942	28884	2.92
32	MR. SHAHAJI ANANDA MORE (9960260004) VILLAGE: EKRUKH TALUKA: N.SOLAPUR DISTRICT: SOLAPUR PIN-413002	30	10	GEN & Male	0.4	CSV 29R	14005	12.5	28	34948	20943	2.50
33	MR. HABIB ACHU PATEL (9545326638) VILLAGE: EKRUKH TALUKA: NORTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	48	9	GEN & Male	0.4	PHULE REVATI	15627	18.75	37.5	51468	35841	3.29
34	SHRI .ANGATH BORE (9922018801) VILLAGE: EKRUKH TALUKA: NORTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	36	10	GEN & Male	0.8	CSV 26	16551	20	41	54906	38355	3.32
35	MR. APSAR SYPON SHEIK (9049036398) VILLAGE: EKRUKH TALUKA: NORTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	40	8	GEN & Male	0.4	PHULE SUCHITRA	12046	10	23	28118	16072	2.33
36	SHRI. KIRAN PAREET (9527351470) VILLAGE: EKRUKH TALUKA: NORTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	44	11	OBC & Male	0.4	CSV 29R	14891	15	35	42310	27419	2.84
37	SHRI. ASHOK NAMA CHAUHAN (9011949370) VILLAGE: KASHEGAON TALUKA: SOUTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	37	2	GEN & Male	0.4	PHULE REVATI	14125	12.5	30	35480	21355	2.51
38	SHRI. ASHOK NAMA CHAUHAN (9011949370) VILLAGE: KASHEGAON TALUKA: SOUTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	37	2	GEN & Male	0.4	PHULE ANURADHA	12561	7.5	20	21820	9259	1.74
39	SHRI. YASHWANTH ASHOK CHAUHAN (9011949370) VILLAGE: KASHEGAON TALUKA: SOUTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	24	3	GEN & Male	0.4	CSV 29R	13171	10	23	28118	14947	2.13
40	SHRI. YASHWANTH ASHOK CHAUHAN (9011949370) VILLAGE: KASHEGAON TALUKA: SOUTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	24	3	GEN & Male	0.4	CSV 26	13938	12.5	28	34948	21010	2.51
41	SHRI. NANA ASHOK CHAUHAN (9011949370) VILLAGE: KASHEGAON TALUKA: SOUTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	26	10	GEN & Female	0.4	PHULE SUCHITRA	13477	11	25	30850	17373	2.29
42	SHRI. GULAM MOHMMED TAMBOLI (9763039256) VILLAGE: KASHEGAON TALUKA: SOUTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	72	0	GEN & Male	0.4	PHULE REVATI	17301	20	41	54906	37605	3.17

S. No.	Name of farmers (Contact No.) & village,Block, District, Pin code	Age (yrs.)	Education in yrs.	Cast & Gender	Sorghum area (ha)	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
								Grain	Fodder			
43	SHRI. GULAM MOHMMED TAMBOLI (9763039256) VILLAGE: KASHEGAON TALUKA: SOUTH SOLAPUR DISTRICT: SOLAPUR PIN-413002	72	0	GEN & Male	0.4	CSV 29R	15361	15	32	41512	26151	2.70
44	MR.BALAJI YENGURE (9890433283) VILLAGE:KASHEGAON TALUKA: S. SOLAPUR DISTRICT: SOLAPUR, PIN-413002	42	15	GEN & Male	0.4	CSV 29R	12913	9.4	21	26266	13353	2.03
45	MR.BALAJI YENGURE (9890433283) VILLAGE:KASHEGAON TALUKA: S. SOLAPUR DISTRICT: SOLAPUR, PIN-413002	42	15	GEN & Male	0.4	PHULE SUCHITRA	15808	18.75	40	51890	36082	3.28
46	SHRI. SHANKAR NAGNATH YENGURE (9890433283) VILLAGE: KASHEGAON TALUKA:S. SOLAPUR DISTRICT: SOLAPUR, PIN-413002	55	15	GEN & Male	0.8	PHULE REVATI	20442	27.5	61	76726	56284	3.75
47	MR. MALLIKARJUN NAGNATH YENGURE (9890433283) VILLAGE: KASHEGAON TALUKA:S. SOLAPUR DISTRICT: SOLAPUR, PIN-413002	50	12	GEN & Male	0.8	PHULE REVATI	18722	22.5	49	62534	43812	3.34
48	MR.BALAJI NAGNATH YENGURE (9890433283) VILLAGE: KASHEGAON TALUKA:S. SOLAPUR DISTRICT: SOLAPUR, PIN -413002	70	2	GEN & Male	0.4	PHULE REVATI	18389	21.25	47	59362	40973	3.23
49	MR.BALAJI NAGNATH YENGURE (9890433283) VILLAGE: KASHEGAON TALUKA:S. SOLAPUR DISTRICT: SOLAPUR, PIN -413002	70	2	GEN & Male	0.4	PHULE ANURADHA	12440	12.5	24	33884	21444	2.72
50	MR.VITTAL BASWANTH YENGURE (9890433283) VILLAGE: KASHEGAON TALUKA:S. SOLAPUR DISTRICT: SOLAPUR, PIN -413002	55	4	GEN & Female	0.4	CSV 26	12499	11.9	26	33096	20597	2.65
51	MR.SURESH NAUNAWARE (8888824259) VILLAGE: KASHEGAON TALUKA: S. SOLAPUR DISTRICT: SOLAPUR PIN -413002	60	15	GEN & Male	0.4	CSV 26	13909	11.5	24	31024	17115	2.23
52	MRS. MEENAKSHI SURESH NAUNAWARE (8888824259) VILLAGE: KASHEGAON TALUKA: S. SOLAPUR DISTRICT: SOLAPUR PIN -413002	56	10	GEN & Male	0.8	PHULE REVATI	15732	16.25	37	45702	29970	2.91
53	MRS. MADHURI SURESH NAUNAWARE (8888824259) VILLAGE: KASHEGAON TALUKA: S. SOLAPUR DISTRICT: SOLAPUR PIN-413002	24	18	GEN & Male	0.4	CSV22	13391	10	20	27320	13929	2.04
54	MRS. MADHURI SURESH NAUNAWARE (8888824259) VILLAGE: KASHEGAON TALUKA: S. SOLAPUR DISTRICT: SOLAPUR PIN-413002	24	18	GEN & Male	0.4	PHULE SUCHITRA	13541	11.25	20	30180	16639	2.23
55	MR.RAJNIKANTH SURESH NAUNAWARE (8888824259) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	22	16	GEN & Male	0.4	CSV 29R	13238	9.5	19	25954	12716	1.96
56	MR.RAJNIKANTH SURESH NAUNAWARE (8888824259) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	22	16	GEN & Male	0.4	PHULE ANURADHA	12894	7.5	18	21288	8394	1.65
57	MR.SWAMY ENKAPPA SHIRKUL (9767299980) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	48	12	GEN & Male	0.8	PHULE REVATI	16123	18.75	38	51468	35345	3.19
58	MRS.CHAURY SWAMY SHIRKUL (9767299980) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	37	9	OBC & Male	0.4	CSV22	13238	9.5	19	25954	12716	1.96
59	MRS. CHAURY SWAMY SHIRKUL (9767299980) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	37	9	OBC & Male	0.4	PHULE SUCHITRA	13341	9.6	20	26440	13099	1.98
60	MR.RAJENDRA DURGA SHIRKUL (9702259762) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	32	15	OBC & Male	0.8	CSV 29R	11552	9	18.5	24854	13302	2.15
61	MR.ARJUN ELGURI SHIRKUL (9767299980) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	26	8	OBC & Male	0.4	CSV 26	13146	14.5	29	39614	26468	3.01
62	MR.ARJUN ELGURI SHIRKUL (9767299980) VILLAGE: KASHEGAON TALUKA:S.SOLAPUR DISTRICT: SOLAPUR PIN-413002	26	8	OBC & Male	0.4	PHULE ANURADHA	11283	8.75	17	23772	12489	2.11
63	MR. TATYA JADHAV KONDEBA (9527941957) VILLAGE: KASHEGAON TALUKA: S. SOLAPUR DISTRICT: SOLAPUR PIN-413002	52	7	SC & Male	0.4	PHULE REVATI	13578	10	22	27852	14274	2.05
64	MR. TATYA JADHAV KONDEBA (9527941957) VILLAGE: KASHEGAON TALUKA:S. SOLAPUR DISTRICT: SOLAPUR PIN-413002	52	7	SC & Male	0.4	PHULE SUCHITRA	12202	11.25	23	30978	18776	2.54

S. No.	Name of farmers (Contact No.) & village,Block, District, Pin code	Age (yrs.)	Education in yrs.	Cast & Gender	Sorghum area (ha)	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q/ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
								Grain	Fodder			
65	MR. RAMEH SHANKAR KOSTI (8007840091) VILLAGE: HONSAL, TALUKA: S. SOLAPUR DISTRICT: SOLAPUR PIN-413002	65	10	OBC & Male	0.4	PHULE REVATI	18050	20	45	55970	37920	3.10
66	MR. RAVINDRA DATTATRAYA SATHE (9226934838) VILLAGE: BHATEWADI TALUKA:N.SOLAPUR DISTRICT: SOLAPUR	35	15	GEN & Male	0.4	CSV 22	11336	8.75	17	23772	12436	2.10
67	MR. RAVINDRA DATTATRAYA SATHE (9226934838) VILLAGE: BHATEWADI TALUKA:N.SOLAPUR DISTRICT: SOLAPUR	35	15	GEN & Male	0.4	CSV 29R	11460	9	18	24588	13128	2.15
68	MR.UDAY DATTATRAYA SATHE (9226934838) VILLAGE: BHATEWADI TALUKA:N.SOLAPUR DISTRICT: SOLAPUR	32	15	GEN & Male	0.4	CSV 26	12260	11	24	30584	18324	2.49
69	MR. SUNIL WAGHMORE (7588609690) VILLAGE: SULAJ JAWALGE TALUKA: AKKALKOT DISTRICT: SOLAPUR, PIN:413216	35	18	SC & Male	0.8	CSV22	14840	9.25	19	25404	10564	1.71
70	MR. PRASHANTH WAGHMORE (7588609690) VILLAGE: SULAJ JAWALGE TALUKA: AKKALKOT DISTRICT: SOLAPUR, PIN:413216	30	12	SC & Male	0.4	PHULE SUCHITRA	15169	10	21	27586	12417	1.82
71	MR. AMUL WAGHMORE (7588609690) VILLAGE: SULAJ JAWALGE TALUKA: AKKALKOT DISTRICT: SOLAPUR, PIN: 413216	32	15	SC & Male	0.4	CSV 22	13710	9	18	24588	10878	1.79
72	MR. AMUL WAGHMORE (7588609690) VILLAGE: SULAJ JAWALGE TALUKA: AKKALKOT DISTRICT: SOLAPUR, PIN:413216	32	15	SC & Male	0.4	CSV 22	13675	8.75	18	24038	10363	1.76
73	MRS. VANDANA R PATIL(9623665894) VILLAGE: KINI TALUKA: AKKALKOT DISTRICT: SOLAPUR PIN:413216	40	2	OBC& Female	0.4	PHULE REVATI	14309	9	19	24854	10545	1.74
74	MRS. VANDANA R PATIL(9623665894) VILLAGE: KINI TALUKA: AKKALKOT DISTRICT: SOLAPUR PIN: 413216	40	2	OBC& Female	0.4	CSV26	15089	11.5	23	31418	16329	2.08
75	MRS.VAISHALI PATIL(7620026840) VILLAGE: KINI TALUKA: AKKALKOT DISTRICT: SOLAPUR PIN:413216	19	10	OBC& Female	0.4	PHULE REVATI	13680	8.75	18	24038	10358	1.76
76	MRS.VAISHALI PATIL(7620026840) VILLAGE: KINI TALUKA: AKKALKOT DISTRICT: SOLAPUR PIN:413216	19	10	OBC& Female	0.4	CSV29R	13980	8.25	17	22672	8692	1.62
77	MRS. AMBIKA GORTYAL (9422653572) VILLAGE: KALMAN TALUKA:N.SOLAPUR DISTRICT: SOLAPUR, PIN:41322	38	15	Gen & Female	0.4	PHULE SUCHITRA	13920	8.75	16	23506	9586	1.69
78	MR. KALE KISSAN (8805152553) VILLAGE: KALMAN TALUKA:N. SOLAPUR DISTRICT: SOLAPUR PIN:41322	42	7	GEN & Male	0.4	CSV 26	15150	11	24	30584	15434	2.02
79	SHRI. HANUMANTH MATE (9822756384) VILLAGE: KALMAN TALUKA:N.SOLAPUR DISTRICT: SOLAPUR PIN:41322	40	0	GEN & Male	0.4	PHULE REVATI	17669	21.8	44	59664	41995	3.38
80	SHRI. SANJAY VASANTH SILWANT (9763663709) VILLAGE: KALMAN TALUKA:N.SOLAPUR DISTRICT: SOLAPUR PIN:41322	52	15	GEN & Male	0.4	PHULE ANURADHA	14729	10.5	21	28686	13957	1.95
81	SHRI. ASHOK LAMBE (9850597774) VILLAGE: KALMAN TALUKA:N.SOLAPUR DISTRICT: SOLAPUR PIN:41322	45	10	GEN & Male	0.4	PHULE SUCHITRA	17489	17.5	37	48342	30853	2.76
82	MR. NAGESH MUTKULE (9921435486) VILLAGE: KALMAN TALUKA: NORTH SOLAPUR DISTRICT: SOLAPUR PIN:41322	23	6	GEN & Male	0.4	PHULE SUCHITRA	13290	6.5	13	17758	4468	1.34
83	SHRI. SUBASH JATTAPPA CHETTRE (9890145798) VILLAGE: DAHITNE TALUKA:N.SOLAPUR DISTRICT: SOLAPUR	25	14	OBC & Male	0.8	PHULE SUCHITRA	17224	17.5	40	49140	31916	2.85
84	SHRI. RAJESH GAJUL(9890469994) VILLAGE: DAHITNE TALUKA:N.SOLAPUR DISTRICT: SOLAPUR	29	11	GEN & Male	0.4	PHULE SUCHITRA	14444	12.5	26	34416	19972	2.38

Annexure-III. Results of rabi frontline demonstrations on sorghum organized by AICSIP, Rahuri

S. No.	Name of farmers (Male/Female) & village,Block, District, Pin code	Cast category	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B.C.Ration
					Grain	Fodder			
1.	Shri. Ganesh Vishnu Lande A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.0	43.7	49495	20321	1.70
			P.suchitra	28897	16.2	35.3	41521	12624	1.44
			Local	20500	9.9	21.2	25206	4706	1.23
2.	Smt. Jaya Ganesh Lande A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	17.4	36.7	44170	14996	1.51
			P.suchitra	28897	16.6	34.9	42144	13247	1.46
			Local	20500	10.1	20.9	25497	4997	1.24
3.	Shri. Aaba Laxman Baravkar A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	41.3	49569	20395	1.70
			P.suchitra	28897	15.7	33.1	39791	10894	1.38
			Local	20500	9.8	20.4	24774	4274	1.21
4.	Shri. Sarjerao Madhav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	17.2	41.3	45408	16234	1.56
			P.suchitra	28897	15.8	37.1	41436	12539	1.43
			Local	20500	8.5	19.1	22016	1516	1.07
5.	Shri. Bhau Namdeo Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	20.5	48.2	53761	24587	1.84
			P.suchitra	28897	18.2	41.9	47411	18514	1.64
			Local	20500	8.5	19.3	22053	1553	1.08
6.	Shri. Shivaji Ananda Choudhari A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	43.9	47772	18598	1.64
			P.suchitra	28897	16.3	39.3	43089	14192	1.49
			Local	20500	9.6	21.8	24938	4438	1.22
7.	Shri. Arjun Dnyandeo Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	17.9	50.9	50005	20831	1.71
			P.suchitra	28897	15.6	38.1	41324	12427	1.43
			Local	20500	8.8	20.2	22924	2424	1.12
8.	Shri. Bharat Gabaji Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	47.9	49158	19984	1.68
			P.suchitra	28897	16.4	41.7	44100	15203	1.53
			Local	20500	10.1	24.9	26943	6443	1.31
9.	Shri. Maruti Popat Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	41.9	47079	17905	1.61
			P.suchitra	28897	17.8	40.1	46058	17161	1.59
			Local	20500	9.5	20.3	24216	3716	1.18
10.	Shri. Nana Namdeo More A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.5	50.0	50783	21609	1.74
			P.suchitra	28897	16.1	42.7	43981	15084	1.52
			Local	20500	10.1	24.5	26673	6173	1.30
11.	Shri. Mahadeo Sarjerao Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.9	48.1	50821	21647	1.74
			P.suchitra	28897	17.2	43.0	46010	17113	1.59
			Local	20500	9.6	23.2	25444	4944	1.24
12.	Shri. Pravin Gorakh Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	48.0	51890	22716	1.78
			P.suchitra	28897	15.9	37.3	41632	12735	1.44
			Local	20500	10.0	22.9	26045	5545	1.27
13.	Smt. Baby Gorakh Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.3	45.6	50618	21444	1.74
			P.suchitra	28897	17.4	40.2	45388	16491	1.57
			Local	20500	10.5	23.6	27169	6669	1.33
14.	Shri. Ashok Sahebrao Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	52.3	53391	24217	1.83
			P.suchitra	28897	18.0	45.0	48150	19253	1.67
			Local	20500	8.9	20.6	23147	2647	1.13
15.	Shri. Pandurang Madhav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.9	48.5	52748	23574	1.81
			P.suchitra	28897	18.5	44.8	48970	20073	1.69
			Local	20500	11.2	26.7	29490	8990	1.44

S. No.	Name of farmers (Male/Female) & village,Block, District, Pin code	Cast category	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B.C.Ration
					Grain	Fodder			
16	Shri. Kisan Eknath More A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.4	50.9	50890	21716	1.74
			P.suchitra	28897	17.5	44.6	47119	18222	1.63
			Local	20500	11.2	27.4	29764	9264	1.45
17	Shri. Jaykisan Eknath More A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.3	47.1	49330	20156	1.69
			P.suchitra	28897	16.3	39.3	43014	14117	1.49
			Local	20500	9.5	22.0	24814	4314	1.21
18	Shri. Kashinath Sahebrao Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.8	49.9	51206	22032	1.76
			P.suchitra	28897	16.0	41.3	43248	14351	1.50
			Local	20500	8.8	21.2	23161	2661	1.13
19	Shri. Gorakh Madhav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.0	48.3	51091	21917	1.75
			P.suchitra	28897	16.3	41.0	43583	14686	1.51
			Local	20500	9.5	22.0	24814	4314	1.21
20	shri. Gorakh Shankar Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.9	48.7	52818	23644	1.81
			P.suchitra	28897	15.8	36.7	41194	12297	1.43
			Local	20500	8.5	17.9	21577	1077	1.05
21	Shri. Ganpat Haribhau Baravkar A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.8	47.1	50222	21048	1.72
			P.suchitra	28897	16.2	39.9	43032	14135	1.49
			Local	20500	9.1	22.4	24114	3614	1.18
22	Shri. Ganesh Chandrakant Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	16.5	39.8	43618	14444	1.50
			P.suchitra	28897	14.8	35.2	38903	10006	1.35
			Local	20500	9.1	20.8	23575	3075	1.15
23	Shri. Dhanaji Madhav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	44.1	47835	18661	1.64
			P.suchitra	28897	15.3	35.8	39993	11096	1.38
			Local	20500	9.9	20.7	25033	4533	1.22
24	Shri. Chandrakant Baba Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	45.9	48465	19291	1.66
			P.suchitra	28897	16.3	41.0	43583	14686	1.51
			Local	20500	9.0	22.3	24012	3512	1.17
25	Smt Chaya Pandurang Thorat A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	OBC	P. Vasudha	29174	20.5	54.5	55986	26812	1.92
			P.suchitra	28897	15.8	40.0	42352	13455	1.47
			Local	20500	9.5	22.5	24980	4480	1.22
26	Shri. Jayvant Keshav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	20.0	55.4	55390	26216	1.90
			P.suchitra	28897	16.8	44.4	45686	16789	1.58
			Local	20500	10.1	24.2	26567	6067	1.30
27	Shri. Jalinder Shankar Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.0	52.8	52687	23513	1.81
			P.suchitra	28897	17.3	45.7	47049	18152	1.63
			Local	20500	9.6	24.5	25915	5415	1.26
28	Shri. Dattatray Govind Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	56.4	54824	25650	1.88
			P.suchitra	28897	16.3	44.7	44891	15994	1.55
			Local	20500	10.3	25.7	27455	6955	1.34
29	Shri. Fakkad Ganpat Shitole A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	54.8	54278	25104	1.86
			P.suchitra	28897	16.5	45.7	45697	16800	1.58
			Local	20500	10.5	27.8	28639	8139	1.40
30	Shri Bansi Dagadu Ubale A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	51.7	53186	24012	1.82
			P.suchitra	28897	16.9	43.0	45436	16539	1.57
			Local	20500	9.6	20.5	24500	4000	1.20
31	Shri. Bapu Namdeo Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.0	50.4	51823	22649	1.78
			P.suchitra	28897	16.4	41.3	43985	15088	1.52
			Local	20500	10.5	25.1	27588	7088	1.35

S. No.	Name of farmers (Male/Female) & village,Block, District, Pin code	Cast category	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B.C.Ration
					Grain	Fodder			
32	Shri. Babasaheb Gabaji Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.0	45.4	50094	20920	1.72
			P.suchitra	28897	16.8	38.2	43517	14620	1.51
			Local	20500	10.8	23.4	27552	7052	1.34
33	Smt. Baby Hiran Shitole A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.3	46.2	50820	21646	1.74
			P.suchitra	28897	17.5	41.7	46078	17181	1.59
			Local	20500	11.0	25.9	28848	8348	1.41
34	Shri. Bharat Vinayak Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.3	47.5	51292	22118	1.76
			P.suchitra	28897	17.0	39.8	44523	15626	1.54
			Local	20500	11.3	26.0	29346	8846	1.43
35	Shri. Bharat Vinayak Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.8	57.1	55527	26353	1.90
			P.suchitra	28897	17.0	46.6	46903	18006	1.62
			Local	20500	11.0	29.0	29964	9464	1.46
36	Shri. Bhau Nana Vethekar A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	20.4	58.3	57070	27896	1.96
			P.suchitra	28897	17.3	47.6	47714	18817	1.65
			Local	20500	10.5	26.5	28100	7600	1.37
37	Shri. Bhivsen Khandu Bhoite A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	20.0	55.4	55390	26216	1.90
			P.suchitra	28897	17.3	45.7	47049	18152	1.63
			Local	20500	10.8	26.3	28568	8068	1.39
38	Shri. Tukaram Madhav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	20.3	59.7	57358	28184	1.97
			P.suchitra	28897	17.0	48.5	47558	18661	1.65
			Local	20500	11.9	32.9	32888	12388	1.60
39	Shri. Tukaram Namdeo Bhoite A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	OBC	P. Vasudha	29174	19.8	55.1	54836	25662	1.88
			P.suchitra	28897	15.3	40.4	41594	12697	1.44
			Local	20500	76.0	193.0	204364	183864	9.97
40	Shri. Popat Keshav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.4	50.2	50632	21458	1.74
			P.suchitra	28897	15.0	40.4	41123	12226	1.42
			Local	20500	10.0	25.5	26925	6425	1.31
41	Smt. Prayagabai Kundalik Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	50.1	52640	23466	1.80
			P.suchitra	28897	17.0	41.5	45118	16221	1.56
			Local	20500	11.3	26.8	29621	9121	1.44
42	Shri. Prasad Shivaji Baravkar A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	16.5	46.9	46101	16927	1.58
			P.suchitra	28897	14.0	39.1	38871	9974	1.35
			Local	20500	7.3	19.9	20028	-472	0.98
43	Shri. Pandurang Sahebrao Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	17.3	44.2	46506	17332	1.59
			P.suchitra	28897	15.0	36.8	39863	10966	1.38
			Local	20500	10.8	25.2	28154	7654	1.37
44	Shri. Yogesh Popat Vethekar A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.5	45.3	49164	19990	1.69
			P.suchitra	28897	15.8	37.0	41304	12407	1.43
			Local	20500	9.8	21.6	25126	4626	1.23
45	Shri. Ramesh Sonaji Ubale A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	43.4	47583	18409	1.63
			P.suchitra	28897	14.8	35.1	38837	9940	1.34
			Local	20500	10.5	24.3	27389	6889	1.34
46	Shri. Raju Sampat Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	44.1	47835	18661	1.64
			P.suchitra	28897	16.0	38.6	42296	13399	1.46
			Local	20500	10.5	24.7	27536	7036	1.34
47	Shri. Rambhau Gabaji Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.3	45.3	48691	19517	1.67
			P.suchitra	28897	16.0	37.6	41960	13063	1.45
			Local	20500	11.8	27.1	30650	10150	1.50

S. No.	Name of farmers (Male/Female) & village,Block, District, Pin code	Cast category	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B.C.Ration
					Grain	Fodder			
48	Shri. Rohidas Ramchandra Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	16.3	43.4	44436	15262	1.52
			P.suchitra	28897	14.3	36.6	38468	9571	1.33
			Local	20500	8.5	20.9	22619	2119	1.10
49	Shri. Raghunath Ramchandra Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	16.4	46.7	45809	16635	1.57
			P.suchitra	28897	14.5	39.9	40056	11159	1.39
			Local	20500	9.0	23.9	24548	4048	1.20
50	Shri. Ramdas Keru Londhe A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	16.5	46.4	45928	16754	1.57
			P.suchitra	28897	14.5	39.9	40056	11159	1.39
			Local	20500	7.3	19.2	19774	-726	0.96
51	Shri. Nana Gajaba Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	16.6	42.1	44646	15472	1.53
			P.suchitra	28897	14.3	34.8	37820	8923	1.31
			Local	20500	7.8	17.9	20216	-284	0.99
52	Shri. Mahesh Suresh Lagad A/p. Pandharewadi Tal. Shrigonda	Open	P. Vasudha	29174	18.4	46.9	49475	20301	1.70
			P.suchitra	28897	14.5	36.5	38889	9992	1.35
			Local	20500	10.3	25.2	27275	6775	1.33
53	Shri. Machindra Shankar Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	OBC	P. Vasudha	29174	16.0	41.0	43136	13962	1.48
			P.suchitra	28897	13.8	34.0	36637	7740	1.27
			Local	20500	7.8	18.1	20297	-203	0.99
54	Smt. Mangal Suresh Lagad A/p. Pandharewadi Tal. Shrigonda	Open	P. Vasudha	29174	18.8	47.6	50419	21245	1.73
			P.suchitra	28897	15.9	38.9	42188	13291	1.46
			Local	20500	9.6	22.4	25174	4674	1.23
55	Shri. Laxman Gabaji Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.5	48.3	50200	21026	1.72
			P.suchitra	28897	16.3	41.8	43867	14970	1.52
			Local	20500	9.5	23.3	25246	4746	1.23
56	Smt. Vatsala Pandurang Lagad A/p. Pandharewadi Tal. Shrigonda	Open	P. Vasudha	29174	18.3	45.4	48755	19581	1.67
			P.suchitra	28897	16.4	38.5	42943	14046	1.49
			Local	20500	9.5	21.9	24781	4281	1.21
57	Shri. Vitthal Keshav Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.1	45.9	48675	19501	1.67
			P.suchitra	28897	13.9	34.3	36970	8073	1.28
			Local	20500	7.0	16.9	18529	-1971	0.90
58	Shri. Vitthal Sudam Gosavi A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	17.6	45.3	47579	18405	1.63
			P.suchitra	28897	14.5	36.3	38788	9891	1.34
			Local	20500	9.0	22.3	24012	3512	1.17
59	Shri. Vijay Nana Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	17.5	45.2	47303	18129	1.62
			P.suchitra	28897	14.8	37.6	39714	10817	1.37
			Local	20500	9.8	24.2	26013	5513	1.27
60	Smt. Vimal Dnyandeo Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	28897	16.5	42.7	44657	15760	1.55
			P.suchitra	20500	13.5	34.7	36443	15943	1.78
			Local	29174	8.5	21.3	22767	-6407	0.78
61	Smt. Vandana Laysan Bhosale A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	28897	17.3	45.4	46929	18032	1.62
			P.suchitra	20500	14.5	37.4	39194	18694	1.91
			Local	29174	8.0	20.3	21512	-7662	0.74
62	Shri. Satish Jaysingh Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	28897	19.0	50.7	51956	23059	1.80
			P.suchitra	20500	16.3	42.3	44038	23538	2.15
			Local	28897	10.3	26.1	27598	-1299	0.96
63	Shri. Satish Rajaram Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	20500	19.1	49.2	51628	31128	2.52
			P.suchitra	29174	16.0	40.3	42912	13738	1.47
			Local	28897	7.8	19.4	20731	-8166	0.72

S. No.	Name of farmers (Male/Female) & village,Block, District, Pin code	Cast category	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B.C.Ration
					Grain	Fodder			
64	Shri. Suresh Shankar Lagad A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	20500	19.3	49.9	52100	31600	2.54
			P.suchitra	29174	16.0	40.6	43024	13850	1.47
			Local	28897	8.5	21.2	22708	-6189	0.79
65	Smt. Vimal Haribhau Baravkar A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	20500	19.1	48.8	51494	30994	2.51
			P.suchitra	28897	16.4	41.4	44052	15155	1.52
			Local	20500	9.5	23.6	25346	4846	1.24
66	Shri. Sanjay Nana Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.8	47.3	50288	21114	1.72
			P.suchitra	28897	16.5	41.0	44089	15192	1.53
			Local	20500	9.0	22.1	23918	3418	1.17
67	Shri. Sampat Ganpat Vethekar A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	OBC	P. Vasudha	29174	18.5	45.3	49164	19990	1.69
			P.suchitra	28897	16.3	39.2	42957	14060	1.49
			Local	20500	7.5	17.6	19669	-831	0.96
68	Shri. Sandeep Ambar Nalge A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.0	44.1	47835	18661	1.64
			P.suchitra	28897	14.5	35.2	38432	9535	1.33
			Local	20500	9.0	21.6	23760	3260	1.16
69	Shri. Shivaji Hiragir Gosavi A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.0	40.9	48498	19324	1.66
			P.suchitra	28897	16.0	33.6	40560	11663	1.40
			Local	20500	9.0	18.5	22658	2158	1.11
70	Smt. Shakuntala Fakkad Shitole A/p. Pandharewadi Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	47.8	51821	22647	1.78
			P.suchitra	28897	16.5	39.8	43618	14721	1.51
			Local	20500	9.0	21.2	23603	3103	1.15
71	Shri. Gorakh Kisan Khendke A/p. Banpimpri Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.5	51.9	53255	24081	1.83
			P.suchitra	28897	17.0	43.9	45951	17054	1.59
			Local	20500	11.0	27.6	29464	8964	1.44
72	Shri. Baban Vishwanath Patare A/p. Banpimpri Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	20.0	55.6	55460	26286	1.90
			P.suchitra	28897	16.3	42.4	44094	15197	1.53
			Local	20500	9.8	24.8	26218	5718	1.28
73	Smt. Meena Sandeep Jagdap A/p. Banpimpri Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.5	51.2	51236	22062	1.76
			P.suchitra	28897	14.5	38.4	39549	10652	1.37
			Local	20500	8.5	21.6	22857	2357	1.11
74	Smt. Dwarka Bhanudas Shete A/p. Banpimpri Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.3	50.6	50543	21369	1.73
			P.suchitra	28897	14.8	39.8	40489	11592	1.40
			Local	20500	10.5	27.7	28602	8102	1.40
75	Shri. Bhanudas Shete A/p. Banpimpri Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	18.3	50.9	50671	21497	1.74
			P.suchitra	28897	14.8	40.9	40850	11953	1.41
			Local	20500	8.0	20.0	21400	900	1.04
76	Shri. Baban rangnath Pawar A/p. Banpimpri Tal. Shrigonda Dist. Ahmednagar	Open	P. Vasudha	29174	19.0	53.4	52887	23713	1.81
			P.suchitra	28897	16.3	44.0	44663	15766	1.55
			Local	20500	9.0	23.9	24548	4048	1.20

Annexure-IV. Results of rabi frontline demonstrations on sorghum organized by AICSIP, Bijapur

S. No.	Name of the Farmer	Village	Taluka	Area (ha)	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
						Grain	Fodder			
1	Shivanand. M. Annappanavar	Kudure Salawadagi	Basavan Bagewadi	2	7795	14.5	30.5	31050	23256	2.98
2	Boramma. M. Annappanavar	Kudure Salawadagi	Basavan Bagewadi	3	7795	17	34.5	35900	28106	3.61
3	Bapugoud. Satanagouda. Patil.	Marakabbana halli	Basavan Bagewadi	3	7795	13	26.5	27500	19706	2.53
4	Bapugoud. S. Patil.	Marakabbana halli	Basavan Bagewadi	3	7795	13.5	26.5	28150	20356	2.61
5	Laxmibai. S. Patil.	Marakabbana halli	Basavan Bagewadi	2	7795	15	30	31500	23706	3.04
6	Danappagouda. A Patil.	Marakabbana halli	Basavan Bagewadi	4	7795	15	30	31500	23706	3.04
7	Sanganagouda. M. Patil	Marakabbana halli	Basavan Bagewadi	3	7795	14	28	29400	21606	2.77
8	Shantappa. B. Muttagi	Marakabbana halli	Basavan Bagewadi	3	7795	13	26	27300	19506	2.50
9	Pundalik. R. Talawar	Marakabbana halli	Basavan Bagewadi	8	7795	14	28	29400	21606	2.77
10	Mallikarjun. R. Talwar	Marakabbana halli	Basavan Bagewadi	6	7795	13.3	26	27690	19896	2.55
11	Mallanagouda. R. Patil	Marakabbana halli	Basavan Bagewadi	3	8045	14	28	29400	21356	2.65
12	Shantappa. M. Mavingidad	Marakabbana halli	Basavan Bagewadi	2	8045	15.8	30	32540	24496	3.04
13	Vittal. R. Talwar(Bagewadi)	Marakabbana halli	Basavan Bagewadi	2	8045	15	30	31500	23456	2.92
14	Bheemappa. S. Muttagi	Marakabbana halli	Basavan Bagewadi	2	8045	17.4	28	33820	25776	3.20
15	Hanumant. S. Muttagi	Marakabbana halli	Basavan Bagewadi	2	8045	17.5	28	33950	25906	3.22
16	Rudrappa. C. Yambatnal	Marakabbana halli	Basavan Bagewadi	2	7845	13	26.5	27500	19656	2.51
17	Husensaab. A. Mujavar	Marakabbana halli	Basavan Bagewadi	2	7845	11.5	22.5	23950	16106	2.05
18	Mainuddin.A. Mujavar	Marakabbana halli	Basavan Bagewadi	2	7845	13.8	26.5	28540	20696	2.64
19	Ningappa. B. Yambatnal	Marakabbana halli	Basavan Bagewadi	3	7795	17	34.5	35900	28106	3.61
20	Dr. Sanganagouda. D. Patil.	Marakabbana halli	Basavan Bagewadi	3	7795	13	26	27300	19506	2.50
21	Sanganagouda. D. Patil	Marakabbana halli	Basavan Bagewadi	4	7795	15.065	30	31584.5	23790	3.05
22	Gollalappa. S. Madar	Marakabbana halli	Basavan Bagewadi	3	7795	14.5	29	30450	22656	2.91
23	Gollalappa. Somappa. Madar	Marakabbana halli	Basavan Bagewadi	3	7795	17	30	34100	26306	3.37
24	Babugouda. Shivappagouda. Patil	Marakabbana halli	Basavan Bagewadi	8	7795	13	25	26900	19106	2.45
25	Shankaragouda. S.Patil	Marakabbana halli	Basavan Bagewadi	6	7795	13.5	26	27950	20156	2.59
26	Jagadeesh.S. Tadakal.	Marakabbana halli	Basavan Bagewadi	3	7795	15	29	31100	23306	2.99
27	Rajashekhhar. N.Guled	Marakabbana halli	Basavan Bagewadi	2	7795	15	28	30700	22906	2.94
28	Channayya. M. Hiremath	Marakabbana halli	Basavan Bagewadi	2	7795	14	27	29000	21206	2.72
29	Anasubai. B. Roogi.	Marakabbana halli	Basavan Bagewadi	2	7795	13	26	27300	19506	2.50
30	Kallappa. B. Roogi.	Marakabbana halli	Basavan Bagewadi	2	7795	14	28	29400	21606	2.77
31	Ningaraj G. Babanagar	Marakabbana halli	Basavan Bagewadi	2	8045	13.3	26	27690	19646	2.44
32	Irayya. K. Vandal	Marakabbana halli	Basavan Bagewadi	2	8045	14	28	29400	21356	2.65
33	Kallappa. S. Biradar	Marakabbana halli	Basavan Bagewadi	2	8045	15.8	30	32540	24496	3.04
34	Mallikarjun. R. Talwar	Marakabbana halli	Basavan Bagewadi	3	8045	16	34	34400	26356	3.28
35	Allisa. M. Beelagi	Marakabbana halli	Basavan Bagewadi	3	8045	17.4	32	35420	27376	3.40
36	Nagappa. B. Muttagi	Masabinal	Basavan Bagewadi	2	7845	17.5	30	34750	26906	3.43
37	Mantesh. M. Hadapad	Masabinal	Basavan Bagewadi	3	7845	13	26	27300	19456	2.48
38	Shivanand. M. Hadapad	Marakabbana halli	Basavan Bagewadi	3	7845	11.5	22	23750	15906	2.03
39	Mallappa. B. Muttagi	Marakabbana halli	Basavan Bagewadi	3	7795	13.8	26	28340	20546	2.64
40	Dhanappa. G. Babanagar	Marakabbana halli	Basavan Bagewadi	2	7795	17	34	35700	27906	3.58
41	Sri. Basavaraj Nagappa Myageri	Hanchinal	Basavan Bagewadi	4	7795	13	26	27300	19506	2.50
42	Sri. Shivanagouda B Biradar	Hanchinal	Basavan Bagewadi	3	7795	15.065	30	31584.5	23790	3.05

S.	Name of the Farmer	Village	Taluka	Area	Cost of production	Yield (q /ha)		Gross return	Net return	B:C
43	Sri. Shivasangappa B. Biradar	Hanchinal	Basavan Bagewadi	3	7795	14.5	27	29650	21856	2.80
44	Sri. Shankaragouda S Biradar	Hanchinal	Basavan Bagewadi	8	7795	17	30	34100	26306	3.37
45	Sri.Shankaragouda C.Biradar	Hanchinal	Basavan Bagewadi	6	7795	13	26	27300	19506	2.50
46	Sri. Chandrakant C. Biradar	Hanchinal	Basavan Bagewadi	3	7795	13.5	25	27550	19756	2.53
47	Smt. Gangabai. B Biradar	Hanchinal	Basavan Bagewadi	2	7795	15	30	31500	23706	3.04
48	Sri. Gangadhar Y. Biradar	Hanchinal	Basavan Bagewadi	2	7795	15	27	30300	22506	2.89
49	Sri.Basavaraj. N. Myageri	Hanchinal	Basavan Bagewadi	2	7795	14	28	29400	21606	2.77
50	Sri. Sangappa Shankrappa Biradar	Hanchinal	Basavan Bagewadi	2	7795	13	26	27300	19506	2.50
51	Sri. Mantagouda M Biradar	Hanchinal	Basavan Bagewadi	2	8045	14	28	29400	21356	2.65
52	Sri. Mallappa Shankrappa Biradar	Hanchinal	Basavan Bagewadi	2	8045	13.3	19.5	25090	17046	2.12
53	Sri. Mallappa Shivappa Biradar	Hanchinal	Basavan Bagewadi	2	8045	14	22	27000	18956	2.36
54	Sri. Bheemaraya N Janagoudar	Hanchinal	Basavan Bagewadi	3	8045	15.8	32	33340	25296	3.14
55	Sri. Basangouda C. Biradar	Hanchinal	Basavan Bagewadi	3	8045	16	32	33600	25556	3.18
56	Sri. Basappa Biradar	Hanchinal	Basavan Bagewadi	4	7845	17.4	34	36220	28376	3.62
57	Sri. Gurusangamesh Garasangi	Hanchinal	Basavan Bagewadi	3	7845	17.5	34	36350	28506	3.63
58	Sri.Vijakumar G. Garasangi	Hanchinal	Basavan Bagewadi	3	7845	13	26	27300	19456	2.48
59	Sri. Basappa Basalingappa Garasangi	Hanchinal	Basavan Bagewadi	8	7795	11.5	17	21750	13956	1.79
60	Sri .Ravutappa Basalingappa Biradar	Hanchinal	Basavan Bagewadi	6	7795	13.8	15.75	24240	16446	2.11
61	Sri.Dhareppa R Biradar	Hanchinal	Basavan Bagewadi	3	7795	17	34	35700	27906	3.58
62	Sri. Sangappa Shankrappa Biradar	Hanchinal	Basavan Bagewadi	2	7795	13	26	27300	19506	2.50
63	Sri. Shantappa Sanjeevappagouda Vadavadgi	Hanchinal	Basavan Bagewadi	2	7795	15.065	30	31584.5	23790	3.05
64	Sri. Goudappa Sanjeevappagouda Vadavadgi	Hanchinal	Basavan Bagewadi	2	7795	14.5	28	30050	22256	2.86
65	Sri.Dharappagouda Ningappa Janagoudar	Hanchinal	Basavan Bagewadi	2	7795	17	34	35700	27906	3.58
66	Sri.Sangappa S.Biradar	Hanchinal	Basavan Bagewadi	2	7795	13	26	27300	19506	2.50
67	Sri. Lakkappa Channappa Biradar	Hanchinal	Basavan Bagewadi	2	7795	13.5	26	27950	20156	2.59
68	Smt.Basammagoudati. Bheemanagouda Biradar	Hanchinal	Basavan Bagewadi	2	7795	15	30	31500	23706	3.04
69	Sri.Mallappa S.Biradar	Hanchinal	Basavan Bagewadi	3	7795	15	30	31500	23706	3.04
70	Sri. Sangappa Shankrappa Biradar	Hanchinal	Basavan Bagewadi	3	7795	14	28	29400	21606	2.77
71	Masumsa. H. Chandkavate	Masabinal	Basavan Bagewadi	2	8045	13	26	27300	19256	2.39
72	Lalesab. A. Avarasang	Masabinal	Basavan Bagewadi	2	8045	14	28	29400	21356	2.65
73	Shankreppa. S. Katnalli	Masabinal	Basavan Bagewadi	2	8045	13.3	26	27690	19646	2.44
74	Lalsab. D. Bagavan	Masabinal	Basavan Bagewadi	3	8045	14	22	27000	18956	2.36
75	Subhas M. Sindagi	Masabinal	Basavan Bagewadi	3	8045	15.8	21.25	29040	20996	2.61

Annexure-V. Results of rabi frontline demonstrations on sorghum organized by AICSIP, Tandur

S. No.	Name of farmers (Contact No.) & village,Block, District	Cast category (Male/Female)	Sorghum cultivar	Cost of production (Rs./ha)	Yield (q /ha)		Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
					Grain	Fodder			
1	Anthaiah Goud S/o Yellaiah Goud, Vill. Navalga, Man. Bashirabad,Ranga Reddy (Dist.), Andhra Pradesh, Phone: 9985152616	BC(M)	CSV 22R	16045	21.6	53.6	63640	47595	3.0
2	Turpu Ratnamma ,W/o. T. Ashappa,	BC(F)	CSV 22R	13725	17.4	44.5	51530	37805	2.8
3	Niranjan Goud S/o. Anantaiah Goud,	BC(M)	CSV 22R	15295	22.8	62.7	68400	53105	3.5
4	Narsimmulu Goud S/o.Anantaiah Goud	BC(M)	CSV 22R	13685	18.7	47.6	55335	41650	3.0
5	Turpu Narsimulu S/o.Turpu Ashappa,	BC(M)	CSV 22R	14275	16.5	46.4	49705	35430	2.5
6	Perkampally Laxmaiah S/o P. Shankarappa,	SC(M)	CSV 22R	13735	20.7	58.3	62375	48640	3.5
7	Pedda Hanmappa S/o P. Sayappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	12955	17.3	43.6	51105	38150	2.9
8	Mala Shekarappa S/o M. Thippanna, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	13375	20.9	55.4	62285	48910	3.7
9	Chitka Bajarappa S/o C. Ramappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	14755	18.2	46.7	53930	39175	2.7
10	Chitka Narsappa S/o C. Bheemappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	15735	22.6	64.6	68290	52555	3.3
11	Mala Venkatappa S/o M. Shamappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	13755	18.5	47.3	54785	41030	3.0
12	Palle Ramulu S/o P. Sayappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	12675	17.3	43.5	51085	38410	3.0
13	Palle Lalappa S/o P. Sayappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	13375	18.5	44.8	54285	40910	3.1
14	Palle Veeresham S/o Sayappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	14675	15.8	39.2	46550	31875	2.2
15	Sangam Jaggappa S/o S. Venkatappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	14415	18.5	47.8	54885	40470	2.8
16	Dula Narsamma w/o D. Laxmaiah, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	BC(F)	CSV 22R	13345	17.3	42.2	50825	37480	2.8
17	Dula Narsimlu S/O D. Laxmaiah Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	BC(M)	CSV 22R	14015	15.2	37.6	44760	30745	2.2
18	Kurva Srishailam S/o K. Narsimlu Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	BC(M)	CSV 22R	12785	20.6	55.7	61610	48825	3.8
19	Challa Ramreddy S/o C. Manik reddy Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	OC(M)	CSV 22R	14575	18.4	49.4	54960	40385	2.8
20	Challa Narsimha Reddy S/o Sai Reddy Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	OC(M)	CSV 22R	14925	17.2	43.2	50780	35855	2.4
21	Sultanpur Venkataiah S/o S. Ramaiah Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	BC(M)	CSV 22R	13135	15.4	42.1	46150	33015	2.5
22	Mallappa S/o Ramappa Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	BC(M)	CSV 22R	14875	13.4	36.2	40070	25195	1.7
23	Smt. Yashodamma w/o Kistappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.),AP	BC(F)	CSV 22R	12375	15.3	41.7	45825	33450	2.7
24	Mala Hanmappa S/o M. Bichappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	14275	16.8	43.2	49800	35525	2.5
25	Mala Papaiah S/o M. Lalaiah,Vill. Navalga, Man. Bashirabad,Ranga Reddy (Dist.), AP:	SC(M)	CSV 22R	13025	18.3	48.7	54575	41550	3.2
26	Mala Arjunappa S/o Bonappa, Vill. Navalga, Man. Bashirabad, Ranga Reddy (Dist.), AP	SC(M)	CSV 22R	16835	21.7	57.6	64685	47850	2.8