AICRP on Sorghum

Trials & Nurseries

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Summary of *kharif* trials constituted and conducted – 2017

Sl . No.	Type	No. of trials	Trial name
1	Grain sorghum	4	AHT, AVT, IHT, IVT
2	Forage sorghum	4	IAVHT-MC, AVHT-SC, IVHT-SC, SYT
3	Sweet sorghum	2	IAVHT-SS, High Biomass
	Total	10	

Kharif AICSIP Team

Main centers (20): Akola, Parbhani, Phaltan, Rahuri, Solapur, Dharwad, Chamrajnagar, Gulbarga, Coimbatore, Kovilpatti, Surat, Deesa, Udaipur, Diggi, Hisar, Pantnagar, Ludhiana, Indore, Bapatla, Palem.

New Centres: **Nandyal, Hagari, Tripura**

Voluntary centers (19): Anakapalle, Aurangabad, Bailhongal, Bhilwara, Bidar, Buldhana, IGFRI Jhansi, Karad, Mandya, Mangol, Perumallapalle, Pratapgarh, Somanthpur, Urlikanchan, Yavatmal, Bengaluru, Tripura, Bhavanisagar, ASEDA

Collaborators from private companies (3)

Ajeet, Hytech, Nuziveedu

Details of *kharif* breeding trials

Trial name	No. of entries	Locations
AHT GS	6 (4)	Akola, Coimbatore, Dharwad, Palem, Parbhani, Indore, Udaipur, Aurangabad, Bailhongal, Bhilwara, Bidar, Buldhana, Chamrajnagar, Deesa, Diggi, Karad, Kovilpatti Pratapgarh, Somnathpur, Surat, Mangrol, Yavatmal, bhavanisagar, Aseda, Ajeet, Nuziveedu, Hytech (27)
AVT GS	19 (5)	Akola, Aurangabad, Bailhongal, Bhilwara, Bidar, Buldhana, Chamrajnagar, Coimbatore, Deesa, Diggi, Dharwad, Indore, Karad, Kovilpatti, Palem, Parbhani, Pratapgarh, Somnathpur, Surat, Mangrol, Udaipur, Yavatmal, bhavanisagar, Aseda, (24)
IHT GS	8 (4)	Akola, Chamrajnagar, Coimbatore, Deesa, Diggi, Dharwad, Indore, Kovilpatti, Palem, Parbhani, Surat, Udaipur (12)
IVT GS	18 (6)	Akola, Chamrajnagar, Coimbatore, Deesa, Diggi, Dharwad, Indore, Kovilpatti, Palem, Parbhani, Surat, Udaipur (12)

Details of *kharif* trials (contd…)

Trial name	No. of entries	Locations
IAVHT MC	12 (4)	Hisar, Pantnagar, Jhansi, Ludhiana, Udaipur, Anand, Surat, Deesa, Akola , Urlikanchan, Mandya, Coimbatore, Hyderabad (13)
AVHT SC	9 (4)	Akola, Anand, Chamrajnagar, Coimbatore, Deesa, Diggi, Hisar, Ludhiana, Mandya, Pantnagar, Parbhani, Rahuri, Solapur, Surat and Udaipur, Urlikanchan (16)
IVHT SC	15 (5)	Akola, Chamrajnagar, Coimbatore, Deesa, Diggi, Hisar, Ludhiana, Mandya, Pantnagar, Parbhani, Rahuri, Surat and Udaipur, Urlikanchan, Bengaluru (15)
IAVHT SS	18 (3)	Akola, Anakapalle, Coimbatore, Gulbarga, Indore, Ludhiana, Palem, Pantnagar , Parbhani, Perumallapalle, Phaltan, Rahuri, Surat (13)
SYT Forage	6 (2)	Akola , Coimbatore, Hisar, Ludhiana, Pantnagar (5)
High Biomass	6 (2)	Ludhiana, Parbhani, Phaltan, Rahuri, Deesa, Surat , Hyderabad (7)

Kharif, 2017 trials summary

Centers		Trials (9)											Total trials
	Centre type		AHTGS	AVTGS	IVTGS	IHTGS	AVHTSC	IVHTSC	IVHTSS	HBS	SYT	IAVHT Multicut	
Ajeet_Aurangabad	**Private**	-	√	-	-	-	-	-	-	-	-	-	**1**
Akola	**Main**	-	√	√	√	√	√	√	√	-	√	√	**9**
Anakpalle	**Voluntary**	**ANGRAU**	-	-	-	-	-	-	√	-	-	-	**1**
Anand (IGFRI)	**Special**	-	-	-	-	-	√	-	-	-	-	√	**2**
Aurangabad	**Voluntary**	**MAU, Parbhani**	√	√	-	-	-	-	-	-	-	-	**2**
Bailhongal	**Voluntary**	**UAS, Dharwad**	√	√	-	-	-	-	-	-	-	-	**2**
Dharwad	**Main**	-	√	√	√	√	-	-	-	-	-	-	**4**
Bhilwara	**Voluntary**	**MPUAT, Udaipur**	√	√	-	-	-	-	-	-	-	-	**2**
Bidar	**Voluntary**	**UAS, Raichur**	√	√	-	-	-	-	-	-	-	-	**2**
Buldhana	**Voluntary**	**PDKV, Akola**	√	√	-	-	-	-	-	-	-	-	**2**
Chamrajnagar	**Main**	-	√	√	√	√	√	√	-	-	-	-	**6**
Coimbatore	**Main**	-	√	√	√	√	√	√	√	-	√	√	**9**
Deesa	**Main**	-	√	√	√	√	√	√	-	√	-	√	**8**
Diggi	**Main**	-	√	√	√	√	√	√	-	-	-	-	**6**
Gulberga	**Main**	-	-	-	-	-	-	-	√	-	-	-	**1**
Hytech Aurangabad	**Private**	-	√	-	-	-	-	-	-	-	-	-	**1**
Hissar	**Main**	-	-	-	-	-	√	√	-	-	√	√	**4**
Indore	**Main**	-	√	√	√	√	-	-	√	-	-	-	**5**
Jhansi	**Special trial**	-	-	-	-	-	-	-	-	-	-	√	**1**
Karad	**Voluntary**	**MPKV,**	√	√	-	-	-	-	-	-	-	-	**2**
Kovilpatti	**Main**	-	√	√	√	√	-	-	-	-	-	-	**4**
Ludhiana	**Main**	-	-	-	-	-	√	√	√	√	√	√	**6**
Mandya	**Voluntary**	-	-	-	-	-	√	√	-	-	-	√	**3**
Mangrol	**Voluntary**	**NAU, Surat**	√	√	-	-	-	-	-	-	-	-	**2**
Nuziveedu	**Private**	-	√	-	-	-	-	-	-	-	-	-	**1**
Pantnagar	**Main**	-	-	-	-	-	√	√	√	-	√	√	**5**
Palem	**Main**	-	√	√	√	√	-	-	√	-	-	-	**5**
Parbhani	**Main**	-	√	√	√	√	√	√	√	√	-	-	**8**
Pratapgarh	**Voluntary**	**MPUAT, Udaipur**	√	√	-	-	-	-	-	-	-	-	**2**
Phaltan	**Main**	-	-	-	-	-	-	-	√	√	-	-	**2**
Perumallapelle	**Voluntary**	**ANGRAU**	-	-	-	-	-	-	√	-	-	-	**1**
Rahuri	**Main**		-	-	-	-	√	√	√	√	-	-	**4**
Somnathpur	**Voluntary**	**MAU, Parbhani**	√	√	-	-	-	-	-	-	-	-	**2**
CRS, Solapur	**Regional station**	-	-	-	-	-	√	-	-	-	-	-	**4**
Surat	**Main**		√	√	√	√	√	√	√	√	-	√	**9**
Udaipur	**Main**	-	√	√	√	√	√	√	-	-	-	√	**7**
Urlikanchan	**Voluntary**	**BAIF, Pune**	-	-	-	-	√	-	-	-	-	√	**2**
Yavatmal	**Voluntary**	**PDKV, AKola**	√	√	-	-	-	-	-	-	-	-	**2**
Bengaluru	**Special trial**	-	-	-	-	-	-	√	-	-	-	-	**1**
Port Blair	**Swt Sorghum**		-	-	-	-	-	-	-	-	-	-	**0**
Bhavanisagar			√	√	-	-	-	-		-	-	-	**2**
ARS, Adesa (Deesa)			√	√	-	-	-	-		-	-	-	**2**
Hyderabad	**Main**	-			-	-	-	-	-	√	-	√	**2**
Test Locations			**27**	**24**	**12**	**12**	**16**	**15**	**13**	**7**	**5**	**13**	
Test Entries			**6 +4**	**13 + 5**	**18+6**	**8+4**	**9+4**	**15+5**	**18+3**	**6+2**	**6+2**	**12+4**	

Summary of *Rabi* trials constituted and conducted – 2017

Sl . No.	Type	No. of trials	Trial name
1	Grain sorghum	3	IAHT- Deep, IAVT-Deep, IAVHT-Shallow
2	Sweet sorghum	1	IAVHT-SS
3	PLT	1	PLT
	Total	5	

Rabi AICSIP Team

Main centers (8): Bijapur, Dharwad, Gulbarga, Hyderabad, Parbhani, CRS- Solapur, Phaltan, Rahuri, Tandur

Voluntary centers (16): Annigeri, Aurangabad, Bagalkot, Bheemarayanagudi, Chas, Ekarjuna, Hagari, Indi, Karad, Madhira, Mohol, Nandyal, Raichur, Solapur (ADR), Tancha, Almel

Details of *rabi* trials

Trial name	No. of entries	Locations
IAHT-Deep	6 (6)	Annigeri, Aurangabad, Bagalkot, Bheemarayanagudi, Bijapur, Dharwad, Ekarjuna, Gulbarga, Hagari, Karad, Madhira, Nandyal, Parbhani, Rahuri, Raichur, Solapur (ADR), Tancha, Tandur (18)
IAVT-Deep	18 (6)	Annigeri, Aurangabad, Bagalkot, Bheemarayanagudi, Bijapur, Dharwad, Ekarjuna, Gulbarga, Hagari, Karad, Madhira, Nandyal, Parbhani, Rahuri, Raichur, Solapur (ADR), Tancha, Tandur (18)
IAVHT-Shallow	18 (6)	Bijapur, Indi, Mohol, Phaltan, Chas, Solapur (ADR), Solapur (CRS) , Almel (8)
IAVHT-SS	18 (3)	Hyderabad, Parbhani, Phaltan, Rahuri (4)
PLT	54	Hageri, Nandyal and Parbhani (3)

Rabi-2017 Trials Summary

Centre	Centre type		IAHT (Deep) (18)	IAVT (Deep) (18)	IAVHT (Shallow) (8)	IAVHT (SS) (4)	PLT (3)	Total trial
Annegari (Bijapur)	**Voluntary**		√	√				**2**
Aurangabad	**Voluntary**		√	√				**2**
Bagalkot (Bijapur)	**Voluntary**		√	√				**2**
Bhimarayanagudi	**Voluntary**		√	√				**2**
Bijapur	**Main**		√	√	√			**3**
Dharwad	**Main**		√	√				**2**
Ekarjuna	**Voluntary**		√	√				**2**
Gulbarga	**Main**		√	√				**2**
Hageri (Raichur)	**Voluntary**		√	√			√	**3**
Karad	**Voluntary**		√	√				**2**
Madhira	**Voluntary**		√	√				**2**
Nandyal	**Voluntary**		√	√			√	**3**
Parbhani	**Main**		√	√		√	√	**4**
Rahuri	**Main**		√	√		√		**3**
Raichur (Gulbarga)	**Main**		√	√				**2**
CRS, Solapur	Regional station				√			**1**
ADR, Solapur	**Voluntary**	**MPKV, Rahuri**	√	√	√			**3**
Tancha (surat)	**Voluntary**	**NAU, Surat**	√	√				**2**
Tandur	**Main**		√	√				**2**
Chas	**Voluntary**	**MPKV, Rahuri**			√			**1**
Indi (Bijapur)	**Voluntary**				√			**1**
Mohol	**Voluntary**	**MPKV, Rahuri**			√			**1**
Phaltan	**Main**				√	√		**2**
Almel, (Sindhagi-Bijapur)	**Voluntary**				√			**1**
IIMR, Hyderabad	-					√		**1**
Total test locations			**18**	**18**	**8**	**4**	**3**	**51**
Total test entries			**6 +6**	**18+6**	**18+6**	**18+3**	**54**	

AICSIP Data Reporting Summary of Breeding trials (2017-2018)

Trial Name	Trial code	Planned	Reporting	Not Reported	% Reporting	Not Reported Locations
Kharif						
Grain - AHTGS	397	27	25	2	93%	Bhilwara, Bidar,
Grain-AVTGS	398	24	22	2	92%	Bhilwara, Bidar
Grain-IVTGS	399	12	12	0	100%	Nil
Grain-IHTGS	402	12	12	0	100%	Nil
Forage –IAVHT-MC	396	14	11	3	79%	Anand, Jhansi, Vellayani
Forage –AVHT-SC	407	16	15	1	94%	Mandya
Forage –IVHT-SC	409	15	14	1	93%	Mandya
Sweet –IAVHT	410	13	13	0	100%	Nil
HBM- IAVHT	411	7	7	0	100%	Nil
Forage -SYT	413	5	5	0	100%	Nil
Rabi						
Grain – IAVT- DS	414	18	16	2	89%	Bagalkot, Bheemarayangudi
Grain –IAHT-DS	415	18	16	2	89%	Bagalkot, Bheemarayangudi
IAVHT-Shallow	416	8	6	2	75%	Phaltan, Almel
IAVHT-Sweet	417	3	2	1	66%	Phaltan
PLT	419	3	3	0	100%	Nil
	Total	**195**	**179**	**16**	**91.33%**	

Trials execution summary 2017-18

Kharif trials

Discipline	Locations	Trials supplied	Success (%)
Breeding	42	145	95
Agronomy	14	7	86
Entomology	11	10	100
Pathology	10	55	98
Physiology	5	3	90
Total	-	220	94

Rabi trials

Discipline	Locations	Trials supplied	Success (%)
Breeding	25	51	82
Agronomy	6	4	100
Entomology	7	6	100
Pathology	5	21	100
Physiology	6	5	100
Total	-	86	96.4

Few Issues

- The main center is responsible for trial execution, data reporting, monitoring of trials of the respective voluntary centers
- Data quality of AICSIP trials
- Centres to send sowing reports by E-mail without fail immediately after sowing.
- The quantity of seed to be sent as described in the AGM proceedings for contribution to each of the trials.
- Late submission of the seeds will not be included in the Trials
- All characters required for a particular trial needs to be recorded and no missing characters are allowed.

Centres with high CV% during 2015, 2016, 2017 – Kharif grain

				Kharif Trials						
		AHT-Grain		AVT- Grain		IHT-Grain		IVT- Grain		
		GY	FY	GY	FY	GY	FY	GY	FY	Total
Bapatla		1	1	0	0	1	1	0	0	4
CV>24		0	0	0	0	0	0	0	0	0
Bhavanisagar		2	3	2	2	0	0	0	0	9
CV>24		1	1	1	0	0	0	0	0	3
Bhilwara		1	1	1	1	0	0	0	0	4
CV>24		1	0	1	0	0	0	0	0	2
Coimbatore		3	3	3	3	3	3	3	3	21
CV>24		0	1	1	0	1	0	3	0	6
Deesa		3	3	3	3	3	3	3	3	21
CV>24		1	0	2	0	1	0	1	1	5
Diggi		3	3	2	2	2	2	2	2	16
CV>24		2	1	1	0	1	0	1	1	6
Palem		3	3	3	3	3	3	3	3	21
CV>24		2	0	2	1	1	0	1	1	7
Pratapgarh		2	2	2	2	0	0	0	0	8
CV>24		1	1	1	1	0	0	0	0	4
Udaipur		3	3	3	3	3	3	3	3	21
CV>24		2	2	1	2	1	0	1	2	9
Aseda		0	1	1	1	0	0	1	0	4
CV>24		0	1	0	0	0	0	0	0	1
Akola		3	3	3	3	3	3	3	3	21
CV>24		0	0	0	0	0	0	0	0	0
Aurangabad		3	3	3	3	1	0	0	0	13
CV>24		0	0	1	0	0	0	0	0	1
Bailhongal		1	1	2	2	0	0	0		6
CV>24		0	0	0	0	0	0	0	0	0
Dharwad		3	3	3	3	3	3	3	3	21
CV>24		0	0	0	0	0	0	0	0	0
Indore		3	3	3	3	3	3	3	3	21
CV>24		0	1	3	2	2	1	1	1	10
Karad		2	2	2	2	1	1	0	0	10
CV>24		0	1	1	1	0	0	0	0	3
Mangol		3	3	3	3	0	0	0	0	12
CV>24		0	0	0	0	0	0	0	0	0
Somnathpur		3	0	0	0	0	0	0	0	3
CV>24		0	0	0	0	0	0	0	0	0
Surat		3	3	3	3	3	3	3	3	21
CV>24		0	0	0	0	0	0	1	1	1
Yavatmal		3	3	3	3	0	0	0	0	12
CV>24		0	0	0	0	0	0	0		0
Chamrajnagar		2	2	1	1	3	3	3	3	15
CV>24		1	1	0	0	1	1	2	1	6
Kovilpatti		2	2	1	1	1	1	2	2	10
CV>24		1	1	1	0	1	1	1	1	6
Buldhana		2	2	2	2	1	1	0	0	10
CV>24		0	0	0	0	0	0	0	0	0
Parbhani		2	2	2	2	2	2	2	2	14
CV>24		0	0	1	0	0	0	0	0	1

Centres with high CV% over during 2015, 2016, 2017 – Kharif Forage

		IVHT SC- Kh		AVHT SC- Kh		IAVHT MC- Kh			
		GFY	DFY	GFY	DFY	GFY	DFY	SYT	Total
Deesa		3	3	3	3	3	3	0	18
CV>24		1	1	0	0	0	0	0	2
Karnal		0	0	0	0	1	1	0	2
CV>24		0	0	0	0	0	0	0	0
Diggi		2	2	3	3	0	0	0	10
CV>24		0	0	0	1	0	0	0	1
Hisar		3	3	3	3	3	3	3	18
CV>24		2	2	1	2	0	0	1	7
Ludhiana		3	3	3	3	3	3	3	18
CV>24		0	2	1	1	0	0	2	4
Pantnagar		3	3	3	3	3	3	3	18
CV>24		0	0	0	0	0	0	0	0
Surat		3	3	3	3	3	3	0	18
CV>24		0	0	0	0	0	0	0	0
Udaipur		3	3	3	3	3	3	0	18
CV>24		1	3	1	2	1	2	0	10
Jhansi		1	1	1	1	1	1	0	6
CV>24		0	0	0	0	0	0	0	0
Patna		1	0	0	0	0	0	0	1
CV>24		0	0	0	0	0	0	0	0
Anand		1	1	0	0	1	1	0	4
CV>24		0	1	0	0	0	0	0	1
Akola		3	3	3	3	3	3	2	18
CV>24		0	0	0	1	0	0	0	1
Chamarajnagar		2	2	3	3	1	1	0	12
CV>24		0	1	1	1	0	1	0	4
Coimabotre		3	3	3	3	3	3	3	18
CV>24		0	0	0	0	0	0	1	0
Mandya		2	2	2	2	3	3	0	14
CV>24		2	1	2	1	1	1	0	8
Rahuri		3	3	3	3	0	0	0	12
CV>24		0	0	0	0	0	0	0	0
Solapur		3	3	3	3	0	0	0	12
CV>24		0	0	0	0	0	0	0	0
Urulikanchan		0	0	1	1	3	3	0	8
CV>24		0	0	0	0	0	0	0	0
Parbhani		2	2	2	2	0	0	0	8
CV>24		0	0	0	0	0		0	0
Vellayani		1	1	0	0	0	0	0	2
CV>24		0	0		0	0	0	0	0

Centres with high CV% during 2015, 2016, 2017 – Sweet Sorghum and High Biomass

Centres		Sweet Sorghum CV % IAVHT SS-Kh TFB (t/ha)	JY (l/ha)	Total
Anakapalle		2	1	3
CV>24		0	0	0
Coimbatore		3	3	6
CV>24		0	2	2
Ludhiana		3	3	6
CV>24		1	2	3
Palem		2	2	4
CV>24		0	2	2
Pantnagar		3	3	6
CV>24		0	2	2
Perumallapalle		3	3	6
CV>24		0	3	3
Akola		3	0	3
CV>24		0	0	0
Gulberga		2	0	2
CV>24		0	0	0
Indore		3	0	3
CV>24		1	0	1
Phaltan		3	3	6
CV>24		0		0
Rahuri		2	2	4
CV>24		0	1	1
Surat		3	0	3
CV>24		0	0	0
Parbhani		3	3	6
CV>24		0	0	0

High Biomass Centres	HBM -Kh TFB (t/ha)	Total
Deesa		3
CV>24		0
Ludhiana		3
CV>24		0
Hyderabad		3
CV>24		1
Phaltan		2
CV>24		2
Rahuri		3
CV>24		0
Surat		3
CV>24		1
Parbhani		2
CV>24		0

Centres with high CV% during 2015, 2016, 2017 – Rabi grain

	IAVHT Deep		IAHT DEEP		IAVHT Shallow		Total
	GY	FY	GY	FY	GY	FY	
Annigeri	2	2	1	1	0	0	6
CV>25	1	0	1	0	0	0	2
Bijapur	3	3	2	2	2	2	14
CV>25	1	0	0	0	1	1	3
Dharwad	3	3	2	2	0	0	10
CV>25	0	0	0	0	0	0	0
Gulberga	3	3	2	2	0	0	10
CV>25	0	0	0	0	0	0	0
Raichur	3	3	2	2	0	0	10
CV>25	2	1	1	0	0	0	4
Aurangabad	3	3	1	1	0	0	8
CV>25	0	0	0	1	0	0	1
Ekarjuna	3	3	2	2	0	0	10
CV>25	1	0	0	0	0	0	1
Parbhani	3	3	2	2	0	0	10
CV>25	0	0	0	0	0	0	0
Rahuri	3	3	2	2	0	0	10
CV>25	1	0	2	0		0	3
Tancha	3	3	2	2	0	0	10
CV>25	1	0	1	1	0	0	3
Tandur	3	3	2	2	0	0	10
CV>25	1	1	1	0	0	0	3
Madhira	2	2	2	2	0	0	8
CV>25	0	0	0	2	0	0	2
Nandyal	2	2	2	2	0	0	8
CV>25	2	0	1	0	0	0	3
Hagari	2	1	2	1	0	0	6
CV>25	0	1	0	1	0	0	2
Karad	2	2	2	2	0	0	8
CV>25	1	0	1	0	0	0	2
SolapurADR	2	2	2	2	2	2	12
CV>25	1	1	1	0	1	1	5
Indi	0	1	0	0	2	2	5
CV>25	0	0	0	0	0	1	1
Mohol	0	0	0	0	2	2	4
CV>25	0	0	0	0	2	0	2
Phaltan	0	0	0	0	1	1	2
CV>25	0	0	0	0	0	0	0
Solapur	0	0	0	0	2	2	4
CV>25					1	0	1
Chas	0	0	0	0	1	1	2
CV>25	0	0	0	0	1	1	2

Trial summary of Rabi IAVHT-Shallow Soil -2017

Grain yield (Kg/ha)

Entry		R		R		R		R		R		R	Mean	R
SPH 1835	1767	6	1093	6	310	9	530	16	1937	4	245	19	1430	6
SPH 1836	1444	16	1036	22	266	16	729	5	1647	15	308	7	1240	17
SPH1900	1583	12	1057	20	322	7	765	3	1515	20	426	1	1320	13
SPH 1901	1948	4	1114	3	236	19	428	21	1317	22	312	6	1531	4
SPH 1902	1627	11	1057	19	384	5	587	13	2230	2	321	4	1342	11
SPH 1903	1989	3	1081	9	372	6	623	9	2494	1	259	16	1535	3
SPV 2348	1534	14	1078	13	239	18	593	11	1535	18	266	14	1306	14
SPV 2552	1759	7	1120	2	644	1	702	7	1934	5	283	12	1439	5
SPV 2553	1462	15	1081	9	279	11	593	10	1664	14	233	20	1272	15
SPV 2554	1673	10	1084	8	208	22	518	18	1013	24	320	5	1379	10
SPV 2555	1279	21	1111	4	209	21	385	22	1600	16	399	3	1195	21
SPV 2556	1543	13	1099	5	168	24	554	14	1102	23	284	11	1321	12
SPV 2557	1747	9	1069	15	204	23	464	20	1970	3	300	9	1408	9
SPV 2558	1263	22	1135	1	210	20	684	8	1726	11	216	23	1199	20
SPV 2559	1321	20	1063	17	399	4	554	14	1859	7	426	2	1192	22
SPV 2560	1779	5	1042	21	266	15	310	24	1679	13	292	10	1410	8
SPV 2561	1221	23	1087	7	318	8	852	2	1856	8	254	17	1154	23
SPV 2562	2170	1	1060	18	275	12	319	23	1790	10	264	15	1615	1
CSH 13	2015	2	1081	9	412	3	744	4	1527	19	253	18	1548	2
CSH 15R	1412	19	1027	23	263	17	527	17	1920	6	282	13	1219	18
CSV 26	1748	8	1081	9	268	14	903	1	1495	21	228	22	1414	7
M35-1	1418	18	1009	24	304	10	708	6	1802	9	231	21	1214	19
Ph Anuradha	593	24	1078	13	271	13	476	19	1548	17	303	8	835	24
Ph Maulee	1428	17	1066	16	456	2	590	12	1719	12	211	24	1247	16
General Mean	1572		1075		303		589		1703		290		1324	
CV(%)	21.1		4.51		62.1		41.8		28.5		34.2		17.9	
SE of Difference	271		39.6		154		201		397		80.9		233	
P-Value	0.00		0.36		0.60		0.32		0.22		0.44		0.49	
CD(5%)	545		79.7		309		404		798		163		482	
CD(1%)	728		106		413		540		1066		218		654	

Dry fodder Yield (kg/ha)

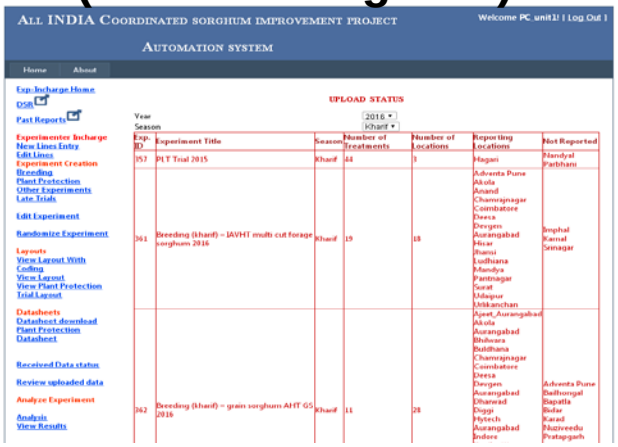
Entry		R		R		R		R		R		R	Mean	R
SPH 1835	5213	24	4372	6	2545	21	1415	22	3183	21	3472	14	3546	23
SPH 1836	5487	20	4144	22	3488	9	1987	16	3003	23	3721	10	3655	21
SPH1900	5350	23	4228	19	3283	10	2590	5	4204	9	4430	2	4093	19
SPH 1901	5460	21	4456	3	2668	20	1385	23	3243	20	4398	3	3636	22
SPH 1902	8999	5	4228	19	5007	3	1807	18	3934	11	4286	4	4742	8
SPH 1903	8148	8	4324	9	4104	5	2017	15	3634	18	3530	13	4531	14
SPV 2348	5405	22	4312	13	2257	23	1475	21	2973	24	2706	22	3541	24
SPV 2552	7380	14	4480	2	3078	13	2349	11	3694	17	3640	12	4476	16
SPV 2553	7462	12	4324	9	4720	4	2590	5	4144	10	2783	21	4630	10
SPV 2554	7435	13	4336	8	2955	15	1987	16	4655	4	4017	6	4603	11
SPV 2555	8285	7	4444	4	5541	1	2168	14	4955	3	3938	7	4963	6
SPV 2556	8669	6	4396	5	2668	19	2951	3	5676	1	2903	20	5423	4
SPV 2557	6475	18	4276	15	2545	21	2319	12	5285	2	3356	18	4589	13
SPV 2558	7846	10	4541	1	2996	14	2288	13	3934	11	3935	8	4652	9
SPV 2559	7243	15	4252	17	5130	2	2559	7	4354	8	4526	1	4602	12
SPV 2560	9986	4	4168	21	2750	18	1355	24	4384	7	3863	9	4973	5
SPV 2561	8121	9	4348	7	2791	17	3252	2	3844	15	3472	14	4891	7
SPV 2562	6968	17	4240	18	3981	8	1536	20	3814	16	2468	23	4140	18
CSH 13	6310	19	4324	11	2257	23	1656	19	3063	22	3138	19	3838	20
CSH 15R	7654	11	4108	23	4104	5	2409	8	3874	14	3362	17	4511	15
CSV 26	10014	3	4324	11	3078	12	3252	1	4625	6	2009	24	5554	1
M35-1	7215	16	4036	24	3160	11	2740	4	3483	19	3705	11	4369	17
Ph Anuradha	10425	2	4312	13	4104	5	2409	9	4655	5	3427	16	5450	3
Ph Maulee	11605	1	4264	16	2873	16	2379	10	3904	13	4035	5	5538	2
General Mean	7631		4302		3420		2203		4022		3547		4539	
CV(%)	18.32		4.51		31.4		23.4		22.6		25.8		19.3	
SE of Difference	1141		158		878		421		742		747		617	
P-Value	0.00		0.36		0.01		0.00		0.04		0.13		0.02	
CD(5%)	2297		319		1767		848		1493		1504		1232	
CD(1%)	3067		425		2359		1132		1993		2007		1636	

Locations rejected due to High C.V.(i.e.> 25%) : Chas, Solapur (ADR)

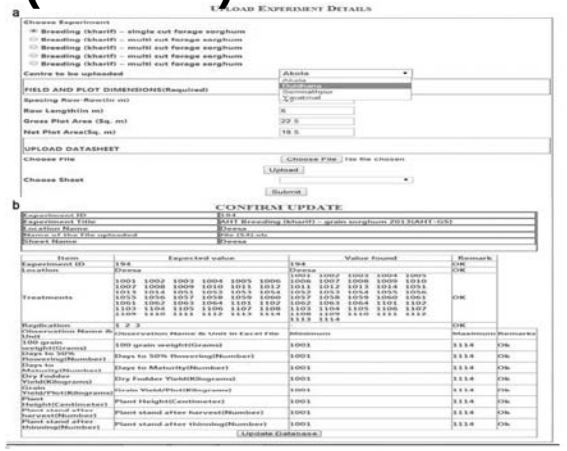
Updating of Trial Automation system and improvement in user interface

1. Trial & Creation) (Coordinating Unit)

3. Data Review (Coordinating Unit)



3. Datasheet download & Data Uploading (Centres)



4. Data analysis

Requirements -Kharif 2018 trials

- Specialty sorghum trials (Brown midrib and Coloured sorghum)
- 150 gms of seeds of the IVT trial seeds to be sent separately for submission to NBPGR
- Prescribed quantity of untreated seeds should be sent along with pro-forma and station trial data
- Centers need to send the quality check seeds to IIMR (Speed Post) within the prescribed time
- Trial datasheet will be available immediately after trial creation and the same may be downloaded immediately after receipt of trials.
- Trials with more number of entries (>25) will be formed into Alpha lattice design and centers have to strictly follow the trial layout.

Check seeds details for AICSIP trials

Kharif Grain	Centre to supply	Quantity (kgs)	Dates
CSH 16	IIMR- Hyderabad	25	30th April
CSH 25	Parbhani	25	30th April
CSH 30	IIMR- Hyderabad	25	30th April
CSV 17	Udaipur	25	30th April
CSV 20	IIMR- Hyderabad	25	30th April
CSV 23	Udaipur	25	30th April
CSV 27	IIMR- Hyderabad	25	30th April
CSV 31	Palem	25	30th April
Forage -MC			
CSH 24MF	Pantnagar	20	25th March
SSG 59-3	Hisar	20	25th March
CSV 33MF	Coimbatore	20	25th March
Forage-SC			
CSV 21F	Surat	25	30th April
CSV 30F	Rahuri	25	30th April
CSH 13	IIMR- Hyderabad	25	30th April
CSV 32F	IIMR- Hyderabad	25	30th April
Sweet Sorghum			
CSV 19 SS	IIMR- Hyderabad	25	30th April
CSV 24SS	IIMR- Hyderabad	25	30th April
CSH 22 SS	IIMR- Hyderabad	25	30th April
Rabi Sorghum			
Phule Anuradha	Rahuri	20	5th August
Phule Maulee	Rahuri	20	5th August
CSV 26R	CRS-Solapur	20	5th August
M 35-1	Bijapur	30	5th August
CSH 15R	CRS-Solapur	25	5th August
CSH 13R	IIMR- Hyderabad	25	5th August
CSV 22R	Rahuri	25	5th August
CSV 29R	Bijapur	25	5th August
CSH 35	Akola	25	5th August

Thank you all....