

Central Research Institute for Dryland Agriculture

Hyderabad

Status of monsoon and contingency plans for deficit/excess areas of the country

During the last three days monsoon was quite active in South Karnataka, North Kerala, Madhya Pradesh, East Rajasthan and other states in the eastern part of the country. Good rainfall occurred in the Malnad region of Karnataka and Malabar region of Kerala, Western Madhya Pradesh and East Rajasthan. On 9th August several districts in Haryana and Western Rajasthan have also received rains adequate for sowing of the rainfed crops. Scattered rains have also occurred in North Gujarat and Punjab lowering the temperatures and reducing the water demand. However, Saurashtra and Kutch region largely remained dry.

Karnataka

From 1st June to 8th August 2012, state as a whole received 362 mm rainfall against the normal of 535 mm with a deficit of -32%. North Karnataka has largely remained dry except scattered rainfall at few locations. Nearly 60% of the area has been covered in this zone.

- In this zone as soon as adequate sowing rains are received, the following contingent crops are suggested.

Desi cotton (*Herbacious*) as sole or intercropping with onion + chilli, maize, sunflower (Seed hardening – soaking in calcium chloride solution for 6 hrs before sowing, wider row spacing 120-135 cm), horsegram, moth bean, tobacco or cowpea.

- Till 15th August, fodder maize, cowpea and horsegram can be sown in light soils mostly for fodder purpose to cope with the shortage of green fodder in the region.
- Interculture, mulching and weeding in standing crops to conserve moisture
- Making of compartmental bunds in vertisols which are currently under fallow, so that adequate moisture is conserved for the rabi crops.

Many places of South interior Karnataka particularly Malnad region received good rainfall during the last three days bringing the deficit from -42 to -33%. The major finger millet growing districts like Hassan, Bangalore rural, Haveri have received good rains. However, Chamrajnagar, Mandya, Tumkur and Gadag still remain under deficit. In this region, the sowing of finger millet is in progress wherever good rainfall has received. The recommendations are:

- Immediate sowing of short duration finger millet varieties (Indaf-5, Indaf-9, GPU-28 and GPU-48).
- Maize (Deccan 103) and fodder maize (South African) and sunflower (Morden, BSH-1) are recommended in all the traditional groundnut growing areas.
- In tank fed areas, aerobic rice cultivars (MAS-946-1, Rasi and KRH-2) may be sown whenever the tanks are completely full and medium duration redgram varieties (BRG-2) can be cultivated for vegetable purpose till 15th August.

Maharashtra

The Maharashtra state as a whole received 588 mm of rainfall from 01st June to 09th August which is 84% of the normal rainfall. With good rainfall in the last week in the entire state, the sowing operations have been completed in most of the districts.

Vidharbha:

Timely rainfall and adequate follow-up rains in this region do not warrant any contingency plan.

Madhya Maharashtra:

This region have received good rainfall in the last one week. The following recommendations are made in different crops/regions:

- In medium deep to deep black soils of Solapur region, sowing of sole crops like sunflower (Bhanu, Phule, Raviraj), castor, horsegram, pearl millet (shradha, Saburi, Shanti) can be sown with the recent rainfall of sufficient quantity are received.
- If less than 45 days old seedling of pigeonpea are available, farmers are advised to transplant pigeonpea as a sole crop or as intercrop with sunflower + pigeonpea (2:1) or mixed crop of castor + ridge gourd.
- To meet the fodder shortage farmers are advised to sow giant bajra or sorghum (Phule ruchira, Phule amrutha) in light soils.
- In shallow black/red soils of Sangli region pearl millet (Shanti, Shradha, Saburi) and in deep black soils either sole crop of sunflower (Bhanu, SS-56) or sunflower + pigeonpea (Vipula or BDN-708) in 2:1 ratio are suggested.
- In Kolhapur region in medium deep black soils sowing of fodder maize (African tall, Panchganga, Gangasafed-2, Vijay, Local) are recommend.

Marathwada:

In this region, the initial rainfall was quite good and sowing operations have been completed in most districts. However, during last week there was no rainfall and the crops are under mild to moderate stress. Only moisture conservation practices like mulching, interculture and weeding are recommended to conserve the available moisture. In the unsown areas, sowing of sole crops like pigeonpea, hybrid bajra, sunflower, castor and sesame and intercrops viz., castor + pigeonpea, castor + coriander etc., can be taken up once the rainfall revives.

Rajasthan:

The entire State received scattered rainfall in the last few days which helped in revival of crops in the eastern part and giving opportunity for sowing of rainfed crops in the Western Rajasthan. In Eastern part ridging is recommended in standing maize crops along with weeding and interculture to conserve the available moisture. Wherever adequate rainfall has been received top dressing of N fertilizer may be done now. In Western Rajasthan, short duration varieties of bajra (HHB-67) upto 15th August and mothbean and fodder bajra thereafter are recommended in view of the sowing rains received on 9th August.

Gujarat:

In north Gujarat scattered rainfall has occurred providing relief to the standing crops of cotton, pearl millet and pulses. In this region, only castorbean is now recommended in the unsown areas when the rainfall revives. In the Saurashtra and Kutch the rainfall situation is not satisfactory. Groundnut and pearl millet cannot be sown now and in their place castor (GAUCH-1, GCH-4 and GCH-7) and fodder sorghum (GFS-4, S-1049 and Gundari) may be taken up 15th August.

- In standing crops weeding and interculturing operations are recommended to save moisture.

Haryana:

Parts of Haryana have received scattered rainfall on 9th. However, most of the other districts still remain dry. The following recommendations are made in the current situation:

- With the recent rainfall sowing of pearl millet (HHB-67, HHB-216 and 226) may be completed immediately.
- Sowing of moong bean (Satya, Asha and Muskan) may be completed with 20% higher seed rate.
- In the standing cotton crop, farmers are advised to do intercultural operations, furrow irrigation followed by straw mulching for conserving soil moisture.
- Keep the paddy fields wet instead of flooded and in sugarcane life saving irrigation with drip / furrow is advised.

Punjab:

In Punjab rainfall during the season so far is deficit by 68% as on 9th August.

- Under rainfed conditions, sowing of fodder, pearl millet varieties (PHBF-1, PCB-164 and FBC-16) can be taken up to August end.
- Under irrigated conditions, maize variety J-1006 can be sown up to middle of September.
- To save irrigation water in standing rice and basmati rice crops, irrigation can be advised two days after complete evaporation of ponded water.
- In cotton crop, spraying of potassium nitrate under water deficient conditions starting at flower initiation stage is advised.

Kerala:

The Malabar region of North Kerala received copious rainfall providing relief to the plantation crops. However, the southern region still remain deficit and in these regions moisture conservation practices like basin mulching are recommended in plantation crops and water saving practices in paddy.

Other States

The rainfall situation in other states is comparatively normal. However, some districts recorded deficit rainfall and for those districts contingency plans are made available in the websites of the Ministry of Agriculture (www.agricoop.nic.in), ICAR (www.icar.org.in) and CRIDA (www.crida.in). The respective KVKs also may be contacted for needful advice. For general farm operations to be taken up during this period, the regular agro-advisories issued by all the Agricultural Universities in their websites and other channels may be followed.

Availability of quality seeds

The latest information on the seed availability is give in the following table

AVAILABILITY OF SEEDS WITH DIFFERENT INSTITUTES OF VARIOUS STATES (IN KG) AS ON 07-08-2012

S. No.	Crop	Centre	Variety	NS	BS	FS	CS	TL
KARNATAKA	RICE	ARS, Sirguppa	BPT-5204			9030		
		ARS, Dhadegur	BPT-5204			5000		
		UAS, Raichur	GGV-05-01					900
		UAS, Dharwad	Intan			4600	2500	
			Abhilash				79600	
			Jaya				1600	
		UAS, Bangalore	KRH-2				57078	
			BR-2655				59550	22675
			IR-30864				100500	3050
			Thanu				19600	10750
			Jaya				52625	2000
			Thunga				200	
			KCP-1					6400
			JGL-1798					13500
			MTU 1010					3000
			MTU 1001					2500
			Jyothi				67500	2500
			IET-7191					1730
			Intan					1475
			KHP-5					1375

			KHP-9				2325
			Sharavathi				1025
	Bajra	UAS, Raichur	ICTP-82063	700			
		UAS, Dharwad	ICTP-8203		1800		850
	Greengram	UAS, Raichur	BGS-09	350			
		ARS, Bidar	BGS-9				7000
		UAS, Dharwad	China Mung				2500
	Blackgram	UAS, Raichur	DU-01	410			39000
		UAS, Dharwad	TAU-1			1200	1100
	Sorghum	UAS, Raichur	M35-1	500	2560	5850	
		ARS, Hagari	M35-1		5200		
		UAS, Raichur	M35-1				
	Pigeonpea	UAS, Raichur	TS3R			700	
		ARS, Gulburga	TS3R				48600
		ARS, B-Gudi	TS3R				26350
		UAS, Dharwad	ICP-8863		1400		
			BSMR			1700	
		UAS, Bangalore	BRG-1			1800	
		UAS, Bangalore	BRG-2			60	
	Groundnut	UAS, Raichur	TMV-2				7800
		UAS, Dharwad	TMV-2			802500	
		ARS, Kawadimatti	TMV-2				8600
		UAS, Dharwad	GPBD-4	34000	50000	4800	
			JL-24	12000	11500		
			TMV-2	155000			
			TAG-24	1200			
	Maize	UAS, Dharwad	Arjun			20500	
			SA Tall			1900	10900
		UAS, Bangalore	SA Tall				5000
	Little Millet	UAS, Dharwad	JK-8			300	300
		UAS, Dharwad	CO(SA)-4				2200
		UAS, Dharwad	Sukshema				1300
	Finger Millet	UAS, Dharwad	GPU-28				4100
	Foxtail mill	UAS, Dharwad	PS-4			200	1400
	Ragi	UAS, Bangalore	MR-2			190	
			MR-6			25	
			GPU-48				25
			Indaf-7				260
	Field Bean	UAS, Bangalore	HA-4				30
	Sunflower	UAS, Bangalore	KBSH-41			62	

		UAS, Bangalore	KBSH-42			110	
		UAS, Bangalore	KBSH-44			340	
		UAS, Bangalore	KBSH-53			25128	
	French Bean	UAS, Bangalore	A.Komal			1028	528
ORISSA	RICE	CRRRI	CR Borodhan-2		1050		
			Sahabthagidhan		1770		
			CR Dhan – 10		660		
			CR Dhan – 601		510		
			Naveen		1110		700
			Khitish		660		
			Ratna		270		
			CR Dhan – 500		120		
			Satabdi		360		400
			IR – 36		480		
			IR – 50		420		
			IR – 20		240		
			Savitri		390		
			Swarna <i>Sub-1</i>		150		
			Pooja		180		
			Tapaswini		60		
			Luna Suvarna		60		
			Luna Sampad		90		
			Moti		180		
GUJARAT	RICE	Anand Ag Un.	GR-7				40
			GR-12				350
			Gurjari				750
			GAR-13				060
			IR-28				250
			Dandi				150
		KVK, Kheda	GAR-1				300
	Maize	Anand Ag Un.	GW-1				2500
			GM-3				400
	Sorghum(F)	Anand Ag Un.	S-1049				2300
			C-10-2				2120
	Mungbean	Anand Ag Un	Meha				3900
		Junagarh Ag Un	GM-4				140
		KVK Vadodara	Meha				750
		KVK, NAU	Meha				550
	Green gram (Moong)	Navsari Ag. Un.	CO-4				360

		Navsari					
			Meha			13700	
			GBM-1			250	
		Navsari Ag. Un. Navsari	Gm-4			500	
			CO-4			400	
		KVK, SDAU	GM-4				150
		DST, SDAU, Saedarkrushinagar	GM4	3640			
	Blackgram	Junagarh Ag Un	Gu-1			100	4248
		Navsari Ag. Un. Navsari	Gu-1			100	
		DST, SDAU, Saedarkrushinagar	Gu 1	670			
	Cowpea	Anand Ag Un	Pusa Falguni				100
	Chickpea	KVK, NAU	GG-2				780
	Pigeonpea	Anand Ag Un	BDN-2				600
		Junagarh Ag Un	BDN-2				94
			GT-101				948
	Arhar (Tur)	Navsari Ag. Un. Navsari	GT-102			70	
	Castor	Anand Ag Un	GCH-7				1205
		Junagarh Ag Un	GCH-7				918
		Navsari Ag. Un. Navsari	GCH-4/ GCH-5 /GCH-7			1600	
	Desi Cotton	ADC-1					550
		G.Cot-21					100
	Sesame	Junagarh Ag Un	Gu-3				142
		KVK, SDAU	GT-3				150
		DST, SDAU, Saedarkrushinagar	GT-2				320
RAJASTHAN	Maize	MPUA&T	Mahi Dhawal				300
			Aravali Makka-1				670
			Pratap Makka Chari				1100
			Pratap Makka-3				175
		MPUA&T, Chittogarh	Pratap Makka-3				155
	Sorghum	MPUA&T	CSV-28				600
	Dhaincha		Dhaincha				600
	Green gram		IPM 02-03				64

			G-4				30
			SML-668				450
		ARS, Fetehpur	RMG-492		650		
		ARS, Jalore	IPM-02-03		25		
		ARS, SGNR	Ganga-1		100		
			Ganga-8		300		
		ARSS, HNG	SML-668		600		
		ARSS, Tabiji	IPM-02-03		308		
		ARSS, Tabiji	RMG-62		247		
		ARS, Bikaner	RMG-268		700		
		KVK, Sriganganagar	SML-668				1280
		MPUA&T, Anta	G-4				30
		MPUA&T, Bundi	SML-668				250
		MPUA&T, Jhalawar	SML-668				200
		KVK, Banasthali, Tonk	IPM 02-3				100
	Blackgram	MPUA&T	PU-31				2000
			KU-96-3				2000
		VBKVK, Jodhpur	PU-31				300
		MPUA&T, Anta	PU-31				250
		MPUA&T, Bhilwara	PU-31				650
			KU-96-3				700
		MPUA&T, Chittorgarh	KU-96-3				1100
			PU-31				170
		MPUA&T, Jhalawar	KU-96-3				100
		MPUA&T, Rajsamand	PU-31				500
		KVK, Banasthali, Tonk	PU-40				600
			RBU-38				600
			IPU 94-1				340
	Til(Sesame)	ARS, Jalore	RT-46		756		
		ARS, Sumerpur	RT-127		70		
		ARS, Mandore	RT-46		150		80
		ARS, Mandore	RT-127		50		300
		ARS, Jalore	RT-346				1315
		ARS, Jalore	RT-127				953
		KVK, CAZRI	RT 346				250

		Pali-Marwar					
	Gaur	MAF, Rojari	RGC-1002		400		
		MAF, Rojari	RGC-1003		1000		
		MAF, Rojari	RGC-936		700		
		ARS, Bikaner	RGC-936		330		600
		ARS, Bikaner	RGC-1003		280		
	Cowpea	ARSS, Tabiji	RCV-7		75		
		KVK, Tabiji Farm, Ajmer					200
		KVK, Banasthali, Tonk	RC-101				160
	Groundnut	ARS, Bikaner	HNG-10		8000		
	Mothbean	ARS, Bikaner	RMO-40		300		
	Castor	ARSS, Sumerpur	RHC-1				1100
	Dhaicha	MPUA&T, Chittorgarh	Local				300
BIHAR	Maize	RMR&SPC, DMR, Begusari	HKI-193-1		7500		
			HKI-163		2000		
			BML-6		2000		
			BML-7		1000		
		Rajendra Ag Uv	Saktiman				1600
			Laxmi			2000	
			Deoki				350
	Paddy	Rajendra Ag Uv	Rajendra Sweta			12000	
			R. Bhagwati		60	20000	
			Prabhat		150	7500	
			MTU 1010			1500	
			R. Suwashini			1500	
			R. Kasturi			1500	
			CSR 36		200	8000	
		BAU, Sabour, Bhagalpur	Rajendra Bhagavati			13950	
			Rajendra Mahsuri			3750	
			MTU 1001		480	4200	
			Rajendra Kasturi			30	
			Usar Dhan		240		
			Rajendra Suwasini		210		
	Arhar	Rajendra Ag Un	Malavia 13		1000	80	

			Bahar		240	1000		
			Pusa-9		400	1500		
			NDA1		360	1165		
JHARKHAND	Paddy	KVK Lohardaga	Lalat			4700		
		KVK Bokaro	Lalat			2550		
		KVK Bokaro	Abhishek			1200		
		KVK Giridih	Lalat			2820		
			MTU7029*			300		
		KVK Pakur	MTU7029*			13000		
		Gauria Karma Farm, Hazaribagh	Lalat			19200		
			IR64			2400		
			Abhishek			1980		
		RAC Farm, Kanke, Ranchi	MTU7029*			400		
		ZRS Chianki	Sahbhagi			10000		
			Navin				8000	
	Maize	Gauria Karma Farm, Hazaribagh	HQPM-1			600		
ANDHRA PRADESH	Rice	DRR, Hyd	Jaya		2500			
			Dhanarasi		1000			
			Mahsuri		700			
			Sampada					1800
			Akshaydhan					2000
			Krishna Hamsa					1800
			DRR Dhan 38					900
			Jarava					1000
			Varadhan					500
	Sorghum (Grain)	DSR, Hyd	SPV 462 (PSV1)					2000
	Sorghum (Forage)		CSH 20 MF					400
			CSV 21 F					350
	Sweet Sorghum/ Forage		CSV24SS					800
			CSH 22 SS					150
UTTRANCHAL	Groundnut	VPKAS, Almora	VLGN1					150
	Finger Millet	VPKAS, Almora	VL Mandua 324		5			
			VL Mandua 149					15

MANIPUR	Rice	CAU, Imphal	CAU-R 1					4000
HARYANA	Mungbean	CCSHAU, Hisar	Satya	120	22			370
			Basanti	80				1800
			MH 421	180				
			MH 125				3100	
			MH 318				120	
			Pusa 9531		1000			
	Rice	IARI, RS, Karnal	Pusa Basmati 1		16300			
		IARI, RS, Karnal	Improved Pusa Basmati 1		3500			
		IARI, RS, Karnal	Pusa Sugandh 3		3000			
		IARI, RS, Karnal	Pusa Sugandh 5		900			
	Pigeonpea	CCSHAU, Hisar	Paras	15				
			Manak	15				
	Clusterbean (Guar)	CCSHAU, Hisar	HG 2-20		66			
			HG 563			280	50	95
	Urdbean	CCSHAU, Hisar	UH-1	80				
	Pearl millet	CCSHAU, Hisar	HHB-223					219
	Sorghum	CCSHAU, Hisar	HJ-513		35			
CHATTISGARH	Paddy	IGKV, Raipur	Danteshwari		360			
			IR 36		1560			
			Karma mahsuri		120			
			MTU 1010			450		
			Chandrasahini			30		
			BPT 5204				390	
			Jaldubi	500	500			
	Finger millet		GPU 28			2880		
	Pigeon pea		Rajeev lochan				80	
			Asha			250		
Delhi (NBPGR)	Moong		Pusa Vishal					100
TAMIL NADU	Paddy	TNAU, Coimbatore	ADT 37		1265	13440		
			ADT 39		10710	14450		2772
			ADT 43		8979	19041		626
			ADT (R) 45		3745	14810		230
			ADT 45			2700		
			CO 43		1747	5610		
			ADT (R)47		1482			

			TNAU CMS 2A	199			
			CB 87 R	326			
			Bhavani	200			1280
			CO (R) 48	500			
			CO (R) 49	1300			2500
			CO (R) 50	1200	1470		1200
			ADT 38	1000			
			ADT 36	1500			800
			ADT 42	900			
			ADT 44	250			
			ADT (R) 46	1000			6000
			ADT (R) 48	350			
			TKM 9	1000			
			ADT 36	800	1350		800
			IR 36	200			
			I.W.Ponni		17690		
			CR 1009		19000		25000
			ASD 16		17480		18019
			ASD 18				2420
			NLR 34449		4194		
			ADT (R) 49				10500
	Sorghum		CO 27				1000
			K 8	52			
			CO (S) 28	17			
	Finger Millet Ragi)		CO 13	61			
			CO (Rg) 14	116			
	Greengram		CO (GG) 912	230			
	Cowpea		CO 6	350			
	Groundnut		VRI 2	420			
	Sesame		TMV (Gn) 13	300			
			VRI (Sv) 1	94			
			VRI (Sv) 2	132			
			TMV 3	30			
	Sunflower		SVPR 1	88			
			Morden	150			
	Castor		TMV 5	64			
			TMV 6	52			
	Sugarcane	Sugarcane	Co 86032				45000

		Breeding Instt. Coimbatore					
			Co 2001-13				2000
			Co 99004				200
			Co 0218				200
		Sugarcane Breeding Instt RS, Karnal	Co 0118				50000
			Co 0238				52500
			Co 0239				37500
			Co 0237				7500
			Co 0511				25000
			Co 0124				16500
			Co 98014				12500
UTTAR PRADESH	Pigeonpea	IIPR, Kanpur	Long duration	6400			
		IIPR, Kanpur	Narendra Arhar 1	5500			
		IIPR, Kanpur	Bahar	2600			
	Mungbean	IIPR, Kanpur	Meha	600			
		CSAUA&T, Kanpur	PDM-139	406	015		
	Sorghum	CSAUA&T, Kanpur	CSV-13	294			
			CSV-15	305			
			Bundela	138			
	Forage Sorghum	IGFRI, Jhansi	MP Chari	300			
	Forage	IGFRI, Jhansi	Subrabool	1000			
		IGFRI, Jhansi	Dinanath Grass	2000			
	Rice	GBPUAT, Pantnagar	Pant Dhan-12				1500
			Pant Dhan-11				1000
			Pant Dhan-18				2200
		NDUAT, Faizabad	Swarna Sub-1				25000
			Vardan				15000
			Sambhi Mansuri				1600
		CSAUA&T, Kanpur	NDR 359	240		26218	
			NDR-97	60	12390	17160	
			Pant-12	30			

			Sambha Mansoori		330	2993		
			Pusa Basmati-1		350		5708	
			Improved Basmati		480			
			Sugandha-6		357			
			Sarju-52				3660	
	Blackgram	CSAUA&T, Kanpur	Shekhar-2		45			
			Azad-2		38	12		
			Azad-3		6			
	Sesame	CSAUA&T, Kanpur	Shekhar		45		152	
			T-78		3	190		
			Pragati			6		
	Planting Material	IGFRI, Jhansi	NXB Hybrid		3 Lakh			
		IGFRI, Jhansi	Guinea grass		10 lakh			
		IGFRI, Jhansi	Other grass		5 Lakh			
UTTARAKHAND	Greengram	GBPUAT, Pantnagar	Pant Moong-5					800
	Rice		Pant Dhan 12					1200
			Pant Dhan 18					1500
			Govind					1500
	Maize		Gaurav					100
			Kanchan					100
	Soybean		PS 1042					200
	Arhar		UPAS 120					1000
ASOM	Rice	AAU, Jorhat	Joymoti		0	1400		
		AAU, Jorhat	Swarnav		0	4320		
		AAU, Jorhat	Dinanath		0	2800		
	Toria	AAU, Jorhat	TS-38		1420	5601		
		AAU, Jorhat	TS-36		380	9971		
		AAU, Jorhat	TS-46		0	65		
		AAU, Jorhat	M-27		220	1040		
		AAU, Jorhat	TS-67		0	150		
	Jute	AAU, Jorhat	Tarun		10	635		
		AAU, Jorhat	JRC 212		0	60		
	Greengram	AAU, Jorhat	Pratap		5480	203		
	Blackgram	AAU, Jorhat	T9		0	514		
		AAU, Jorhat	PU 31		0	797		
		AAU, Jorhat	KU 301		70	909		

		AAU, Jorhat	USJD 113		65	181		
	Sesame	AAU, Jorhat	ST 1683		0	1384		
MAHARASHTRA	Paddy	MPKV, Rahuri	Bhogawati		1170			1050
			Indrayani			510	990	
			P. Samrudhi		270		10370	
		Dr B S Konkan KV, Dapoli	KJT-3		1920	6000		902.90
			KJT-7			4940		6180
			PLG-1			2200		2530
			RTN-4			380		5490
		KVK, Chandrapur	PKVHMT					1170
		KVK, Gondia	PKVHMT					200
			HMT					200
			SYE 2001					100
	Bajra	MPKV, Rahuri	RHRB-1A		275			
			RHRBI-138			195		
			RHRB-13A		24			
			RHRBI-1314		29			
	Maize		Raj.GPM: 456 A		263			
			Ra.GPM: 342 R		25	36		
			Rajarshi					285
	Maize (Fodder)		A. tall		558	678		
	Tur/Arhar/Pigeonpea		ICPL-87		1128			6555
			Vipula		4212			6926
		KVK, Jalna	BDN 708					400
	Greengram/Mung	MPKV, Rahuri	Vaibhav		3540			
			Kop. 1		265			
	Blackgram/Urd		TAU-1		3275			3405
	Cowpea		Shweta		59	180		
	Groundnut	MPKV, Rahuri	JL 501		200			
		KVK, Satara	L286					150
	Niger	MPKV, Rahuri	IGP-76		27			
	Soybean		JS-335					2850
		KVK, Latur	MAUS					250
		KVK, Yavatmal	JS 335					210
			JS 9305					180
	Mothbean	MPKV, Rahuri	MBS-27					60

	Cotton		Y-1		28			
			RHC-0688					80
			RAC-024					50
	Dhaincha	MPKV, Rahuri	Local					231
	Sorghum	MKV Parbhani	PVK 801		312			
			PVK 809		1464			284
	Rice		Prabhavati					120
	Pigeonpea		BDN 2		402			
			BSMR 736		5742			858
			BSMR 853		870			1908
			BDN 708					402
	Mung		BPMR 145		1380			
			BM 2003 - 2		1182			
			BM 2002 - 1		894			
			BM 4		1326			
	Blackgram/Urd		TAU 1		1038			792
			BDU 1		294			498
	Soybean		MAUS 71		7500			
			MAUS 81		3000			
			MAUS 61 - 2		1170			
			MAUS 158		300			
	Bajra		ABPC 4-3					386