



ANNEXURE - VI

MONITORING & EVALUATION OF PERFORMANCE OF Bt. COTTON

STATE : GUJARAT

KHARIF-2006

1	No. of packets sold (Company-wise)	1007442 (Company-wise statement enclosed as per statement-I)
2	Area under Cotton in hectare	2390000
3	Area under Bt. Cotton in hectare	402977
4	Area (%) under Bt. Cotton	16.86%
5	Cotton Productivity increased per hectare	625 Kg./ha. (20 Kg. / ha. More than previous year)
6	Farmers response/reaction	<ol style="list-style-type: none"> 1. The cultivation of Bt. Cotton is increased year after year. 2. The consumption of pesticide is reduced. 3. More irrigation is required in Bt. Cotton. 4. The Bt. Varieties of Cotton crop give higher yield than non Bt., so profit of farmers has been increased. 5. Price of Bt. Cotton must be reduced.
7	State Govt.'s remarks (Not more than 100 words)	<ol style="list-style-type: none"> 1. The area of Bt. Cotton cultivation and productivity of Bt. Cotton is increased. 2. The infestation of mealybug is observed in Bt. cotton. 3. The price of Bt. cotton seed must be reduced. 4. The Gujrat farmers are progressive, innovative and experienced in cultivation of cotton crop. Therefore they have adopted Bt. varieties of cotton crop at a fast rate. 5. The productivity of cotton crop also increased due to increase of irrigation facility by massive water harvesting programme. On other hand rainfall is also very good during past 3 years. Parameters like irrigation facility, good monsoon, use of drip, low pest pressure, black soil and farmers experience are contributing in the success of cotton crop in the State.

ANNEXURE – VI (Conti.)KHARIF-2007

1	No. of packets sold (Company-wise)	3489640 (As per sales planning of companies) (Company-wise statement enclosed as per statement-II)
2	Area under Cotton in hectare	2490900
3	Area under Bt. Cotton in hectare	1395856 (Based on sales planning of companies)
4	Area (%) under Bt. Cotton	56.03%
5	Cotton Productivity increased per hectare	635 Kg./ha. (10 Kg. / ha. More (target) than previous year)
6	Farmers response/reaction	<ol style="list-style-type: none"> 1. Large no. of Bt. Varieties in market. Farmers are confused to select appropriate one. 2. Area specific Agronomical practices must be evolved. 3. Price of Bt. Cotton seed, yet to be reduced. 4. Yield performance must be provided by the authority / company.
7	State Govt.'s remarks (Not more than 100 words)	<ol style="list-style-type: none"> 1. The monsoon is late about 1 to 2 week in the state but after that good and well distributed monsoon favours the sowing operation of cotton crop. Till to day except damage due to heavy rain, there is no any other adverse condition for the cotton crop in the state. 2. It is assume that area, production and productivity of cotton crop must be increased as compare to last year.. 3. The infestation of mealybug is not noticed upto today. 4. The price of Bt. cotton seed must be reduced at affordable level. Which is helpful in closing the use of F2 and other unauthorized seed of Bt. cotton. 5. Location specific Agronomical and nutritional management practices must be provided to the farmers for the cultivation of Bt. cotton. 6. The compliant authorities have to provide the yield performance of Bt. varieties and poor performed varieties are not to be released for commercial cultivation. The farmers have the confusion to purchase seeds of Bt. cotton for more than 60 varieties in market. 7. Need for better co-ordination amongst various authorities.

STATEMENT-I**Bt. Cotton sales planning and sales during Kharif-2006 in Gujarat State**

(Qty. in Pkts. /Acre)

Sr. No.	Company/	Variety	Planning	Sales
1	MAHYCO	MECH 12	61000	35922
		MECH 162	111000	75040
		MECH 184	0	548
		MRC 6301	130000	48282
		MRC 7326 BGII	20000	7710
		MRC 7301 BG II	10000	2763
2	RASI	RCH 2	250000	302059
		RCH 138	40000	14308
		RCH 118	10000	27259
		RCH 144	9000	5818
		RCH 377	3000	2000
3	NUZIVEEDU	NCS 145	100000	42879
		NCS 207	70000	183342
4	ANKUR	Ankur 651	30000	67670
		Ankur 09	20000	21500
5	AJIT	ACH-33-1	15000	6052
		ACH-155-1	4000	3734
		ACH-11-2 BG II	7000	1722
6	TULSI	Tulsi-4	120000	9695
7	NATH	NCEH-2R	40000	27562
8	GANGA KAVERY	GK 205	10000	6914
9	VIKRAM	VICH-9	9312	0
		VICH-5	53028	60092
10	JK SEEDS	JK VARUN	100000	40450
11	VIKKI	VCH-111	6000	4091
12	PRVARDHAN	PRCH-102	8175	4859
13	KRUSHIDHAN	KDCHH-441 BG-II	25000	5171
		Grand Total	1261515	1007442

STATEMENT-II

Bt Cotton sales planning during - Kharif-2007 in Gujarat State

No. of Packets 450gm each/Acre

Sr.No.	Company	No	Variety	Planning	Total
1	Vikram	1	VICH-5 Bt	66925	
		2	VICH-9 Bt	13025	
		3	VICH-15 Bt	5500	85450
2	J K	4	JK Varun Bt	50000	
		5	JKCH-99 Bt	90000	
		6	JKCH-666 Bt	15000	
		7	JKCH-226 Bt	5000	160000
3	Ajeet	8	Ajeet-33-1	12000	
		9	Ajeet-155-1	30000	
		10	Ajeet-11-BGII	7000	
		11	Ajeet-155 BG-II	10200	59200
4	Amar	12	ABCH-1165 Bt	9900	9900
5	Ganga-Kaveri	13	GK-205 Bt	100000	
		14	GK-204 Bt	8000	108000
6	Ankur	15	Ankur-651Bt	75000	
		16	Ankur-09 Bt	15000	
		17	Jai BG	15000	
		18	Akka BG	3500	108500
		19	KDCHH-441	100000	
7	Krushidhan	20	KDCHH-9632	4000	
		21	KDCHH-9810	9000	
		22	KDCHH-9821	10000	123000
		23	MRC-7301BG-I	60000	
8	Mahyco	24	MRC-7326BG-II	125000	
		25	MRC-7351BG-II	61350	
		26	MRC-6301Bt	85000	
		27	MECH-162 Bt	90000	
		28	MECH-12 Bt	0	
		29	MRC-7347BG-II	18550	439900
9	Nuziveedu	30	NCS-145 Bt	148350	
		31	NCS-207 Bt	706240	
		32	NCS-929 Bt	5000	
		33	NCS-955 Bt	500	
		34	NCS-913 Bt	38500	
		35	NCS-954 Bt	55350	
		36	NCHB -992	6000	
		37	NCS-207 BG-II	6000	965940

STATEMENT-II (Conti..)

(No.of Packets 450gm each/Acre)

Sr.No.	Company	No	Variety	Planning	Total
10	Tulsi	38	Tulasi- 4 Bt	120000	
		39	Tulasi- 117 Bt	60000	
		40	Tulasi- 9 Bt	35000	215000
11	Rasi	41	RCH-515 BG II	350000	
		42	RCH-2 Bt	0	
		43	RCH-138 Bt	0	
		44	RCH-118 Bt	75000	
		45	RCH-144 Bt	0	
		46	RCH-377 Bt Alto	75000	500000
12	Vikkies	47	VCH-111 Bt	20000	20000
13	Pravardhan	48	PRCH-102 Bt	30000	
		49	PRCH-31 Bt	50000	
		50	RUDRA- Bt	90000	170000
14	Prabhat Agri	51	PCH- 2171 Bt	20000	
		52	PCH- 205 Bt	4000	
		53	PCH- 923 Bt	300	
		54	PCH- 115 Bt	0	24300
		55	NCEH- 2R Bt	200000	200000
16	Nandi Seeds	56	NSPL- 36 Bt	6000	
		57	NSPL- 999 Bt	6000	
		58	NSPL- 36 Bt	6000	18000
17	Shriram Bioseed	59	322 Bt	10000	
		60	110 Bt	10000	
		61	563 Bt	5000	25000
18	Emergent	62	BRAHMA- BG	200000	200000
19	Kaveri	63	KCH-135 Bt	10000	
		64	KCH-707 Bt	5000	15000
20	Navkar	65	Navkar- 5 Bt	10000	10000
21	Vibha Seeds	66	DYNA Bt	10900	
		67	SIGMA Bt	9000	
		68	VBCH- 1009 Bt	1700	
		69	VBCH- 1010 Bt	0	21600
22	Bayer Bioscience	70	SP-504 BI Bt	5500	
		71	SP-923 Bt	4350	9850
23	Zuari Agro	72	DRUVE Bt	1000	1000
GRAND TOTAL				3489640	3489640