

Pakistan Central Cotton Committee (PCCC), Multan

Directorate of Agriculture Research

2017 - NCVT Field Trial Results

Average Seed Cotton Yield (Kg/Hectare) at Pakistan Level in descending order of New Non-Bt Cotton Strains/Lines of Set-A

Sr.	Code of Cultivar	Denomination of Strains/Lines	PUNJAB							SINDH					BALOCHISTAN				KPK	PAKISTAN Average
			CCRI	CRS	CRS	CRI	CRS	NIBGE	Punjab	CCRI	CRS	CRS	NIA	Sindh	ARI	CRS	CRS	B tan	CRS	
			Multan	B.pur	Sahiwal	Khanpur	Vehari	F.abad	Average	Sakrand	B Pur	Ghotki	Tandojam	Average	Sariab	Lasbella	Sibbi	Average	D.I.Khan	
1	A-6	CRIS-129 (Std)	Standard for Sindh & Balochistan							4054	2153	2593	3629	3107	3036	4329	2820	3395	-	3231
2	A-9	Tipu-2	2654	1723	1820	4022	2549	1503	2379	2655	2332	2519	3898	2851	3840	3600	3060	3500	2568	2767
3	A-12	NIAB-444	2192	1864	2180	4446	2458	1578	2453	3193	2751	2384	4212	3135	2700	3612	3036	3116	1709	2737
4	A-15	PB-896	1838	2025	2760	4363	1833	1406	2371	3253	2870	2324	4212	3165	2520	3564	3144	3076	1988	2721
5	A-10	Thakkar-214	1628	2652	3040	4344	1876	1488	2505	2619	2930	2420	3858	2957	3240	2811	2952	3001	2002	2704
6	A-2	GS-Ali-7	2033	1723	2080	4402	2091	1628	2326	2990	2870	2914	3239	3003	3384	3002	2940	3109	1603	2636
7	A-7	CIM-717	2427	1474	2600	3149	2277	1492	2236	2189	2810	2764	1972	2434	3840	3480	3480	3600	2531	2606
8	A-14	CIM-610	2427	2101	1660	3624	2214	1533	2260	2189	2511	2224	2892	2454	3600	3062	3264	3309	2441	2553
9	A-13	MPS-61	1986	1852	1520	3411	2145	1307	2037	3181	2571	2100	3416	2817	2760	3229	2988	2992	2116	2470
10	A-5	Cyto-225	2169	1896	1120	3946	1757	996	1981	2810	2691	2873	2261	2659	3120	3755	2640	3172	1745	2413
11	A-4	CRIS-613	1188	1474	1220	2971	1168	1123	1524	3241	2930	1630	3622	2856	3312	3971	2760	3348	1568	2298
12	A-8	TH-88/11	1248	1326	1460	2697	1077	1223	1505	3277	2571	1537	4064	2862	2904	3385	3012	3100	1625	2243
13	A-11	CIM-620 (Std)	1870	1826	1940	3067	2110	1567	2063	Standard for Punjab & D. I. Khan								1914	2042	
14	A-1	TH-17	529	948	700	1539	304	1007	838	3265	2930	1508	3677	2845	3480	2894	2880	3085	1035	1907
15	A-3	NIA-887	1085	602	1400	3444	631	1236	1400	490	2631	2491	3586	2300	3780	670	3312	2587	1178	1895
	Average		1805	1678	1821	3530	1749	1363	1991	2815	2682	2306	3467	2817	3251	3240	3021	3171	1859	2482
1	CD 5%		615.08	785.86	526.84	633.11	586.49	38.231	---	837.62	413.3	278.9	428.18	---	1149.2	573.75	585.82	---	193.98	---
2	CD 1%		831.47	1062.3	712.20	855.85	792.83	51.682	---	1132.30	558.7	377.03	578.82	---	1553.5	775.61	791.93	---	262.23	---
3	Significance		**	**	**	**	**	**	---	**	*	**	**	---	NS	**	NS	---	**	---
4	CV %		20.3	27.91	17.23	10.68	19.98	1.67	---	17.73	9.18	7.21	7.36	---	21.06	10.55	11.56	---	6.22	---

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Average Seed Cotton Yield (Kg/Hectare) at Pakistan Level in descending order of New Bt Cotton Strains/Lines of Set B-E

Sr.	Code of Cultivar	Denomination of Strains/Lines	PUNJAB							SINDH					BALOCHISTAN				KPK	PAKISTAN Average
			CCRI, CRI	CRS	CRS	CRI	CRS	NIAB, CRS	Punjab	CCRI	CRS	CRS	ARI, SAU	Sindh	ARI	CRS	CRS	B tan	CRS	
			Multan	B.pur	Sahiwal	Khanpur	Vehari	F.abad	Average	Sakrand	M.P. Khas	Ghotki	Tandojam	Average	Sariab	Lasbella	Sibbi	Average	D.I.Khan	
1	D-6	MNH-1026	2906	1768	2620	4928	3437	3551	3202	3145	2751	3340	3603	3210	3264	3851	2784	3300	2093	3146
2	B-3	GH-Deebal	2586	2499	3220	3867	2635	3995	3134	3169	2332	3171	2957	2907	3396	4006	3312	3571	2631	3127
3	D-15	GH-Haadi	2225	2178	2420	3470	2320	3963	2763	3672	2810	3374	3722	3394	3168	4174	3144	3495	3002	3117
4	B-19	D-19	3100	1666	2980	4306	1790	3827	2945	3432	2870	2798	2949	3012	3720	3971	3420	3704	2081	3065
5	B-21	GH-Mubarak	2909	2435	2880	4026	1354	3755	2893	3576	2810	3075	2895	3089	3096	4126	3204	3475	2356	3035
6	B-7	Crystal-12	2742	1538	3280	4112	2281	4497	3075	3229	2631	3084	3083	3007	3300	3468	3180	3316	2009	3031
7	B-20	IUB-65	2881	1794	3080	3569	2001	3564	2815	2799	2751	2536	3165	2813	3480	4090	3156	3575	2655	2966
8	B-5	Eagle-2	2795	2627	2780	3912	2179	3684	2996	3133	2511	2502	3728	2969	3048	3528	2736	3104	2284	2961
9	B-2	B-2	2628	1922	3120	4308	1826	2918	2787	3337	2571	2490	3146	2886	3276	3815	3396	3496	2667	2959
10	D-23	CIM-343	2380	1397	2320	4071	2635	3685	2748	3408	2571	2783	3613	3094	2832	3827	2904	3188	2954	2956
11	E-18	Shaheen-16	2088	2069	2160	4002	1930	2555	2467	3707	3528	2592	3854	3420	3288	4186	2844	3439	2494	2950
12	B-22	CIM-625	2734	1666	2500	3971	1659	4616	2858	2894	2870	2145	3302	2803	2952	4006	3060	3339	2906	2949
13	E-1	Weal-AG-6	2756	1230	2020	4237	1663	3265	2529	3600	3050	3018	3277	3236	3480	3947	3480	3636	2038	2933
14	D-16	FH-444	2368	2652	1660	4415	2611	3622	2888	3385	2691	2935	3123	3033	2904	4006	3036	3315	1627	2931
15	C-19	RH-662	3478	3085	2800	4534	1966	3431	3216	2404	2810	2335	2350	2475	2856	3887	3132	3292	1698	2912
16	C-6	BH-221	2825	3021	2760	3323	2538	3879	3058	2416	2571	2384	2865	2559	3624	3588	2904	3372	1878	2898
17	B-17	CIM-602 (Std-1)	2460	2435	2360	4322	1696	3588	2810	2882	2810	2558	2840	2773	3492	4030	2784	3435	2129	2885
18	B-12	BH-201	2331	2563	2900	3951	1473	4353	2928	2715	2452	2935	3031	2783	3096	3528	3024	3216	1973	2880
19	B-24	AGC-Nazeer-1	2884	1922	2520	4359	2003	3923	2935	2272	2631	2643	3120	2667	2844	3241	2964	3016	2584	2851
20	C-3	CEMB-100(DG)	2746	2445	2960	4410	2640	2489	2948	2081	2272	2763	2989	2526	2916	3612	2868	3132	2571	2840
21	C-8	Badar-1(CEMB 2)	3116	1843	2180	3210	1707	3543	2600	2942	2631	2802	3293	2917	2940	4844	2844	3543	1794	2835
22	D-20	CEMB-101(DG)	2547	1448	2240	4152	2991	3900	2880	2846	2810	2350	3043	2763	2832	3253	2940	3008	2320	2834
23	E-4	VH-189	2300	1134	2480	3744	1367	3004	2338	3636	3707	2868	2820	3258	2820	4305	3240	3455	2168	2828



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			CCRI, CRI	CRS	CRS	CRI	CRS	NIAB, CRS	Punjab	CCRI	CRS	CRS	ARI, SAU	Sindh	ARI	CRS	CRS	B tan	CRS	
			Multan	B.pur	Sahiwal	Khanpur	Vehari	F.abad	Average	Sakrand	M.P. Khas	Ghotki	Tandojam	Average	Sariab	Lasbella	Sibbi	Average	D.I.Khan	
24	B-14	Bahar-07	2185	2307	2760	4261	1528	3660	2783	1842	2691	2908	3339	2695	3120	3361	3012	3164	2560	2824
25	D-18	FH-490	2368	1512	1880	4109	2781	3766	2736	2942	2691	2344	3365	2836	2832	4210	2616	3219	2093	2822
26	C-5	BS-18	3581	2227	3100	3627	2517	3251	3051	2260	2272	2444	2590	2391	2964	3588	2964	3172	2045	2816
27	D-17	CIM-602 (Std-1)	2045	1819	1960	4343	2095	4053	2719	2822	2810	2538	2602	2693	3300	3576	2952	3276	2392	2808
28	E-22	RH-Afnan	2838	1512	1760	3571	1874	3506	2510	3169	3707	2089	2937	2976	3072	4066	2868	3335	2182	2797
29	D-11	D-11	2727	1153	2760	3527	2107	4492	2794	Trials in Punjab only									2794	
30	D-24	BZU-05	2368	910	1900	3891	3217	3694	2663	2930	2930	2083	2622	2641	3000	4102	2712	3271	2667	2787
31	E-2	Weal-AG-5	2349	1518	2000	3298	1683	3156	2334	3265	3707	2140	3220	3083	3840	3468	3120	3476	2233	2786
32	E-5	TJ-MAX (CEMB 2)	2088	1262	2580	3786	1438	3748	2484	3181	3767	2242	3046	3059	2616	3708	3360	3228	2052	2777
33	C-20	RH-668	2277	2381	2580	4327	2164	3476	2867	2523	2930	2646	2120	2555	2700	3504	3048	3084	2189	2776
34	C-23	NIAB-545	3171	2368	2180	3866	2282	3678	2924	2846	2571	2258	2130	2451	2844	3672	2988	3168	1973	2773
35	D-13	ICI-2121	2524	1730	2100	4170	2350	4349	2870	2870	2511	2173	2195	2437	3288	3516	2748	3184	2033	2754
36	D-21	Cyto-515	2344	1691	2260	3557	3024	3237	2686	2583	2751	2619	2501	2614	2736	3492	2568	2932	3110	2748
37	D-22	CIM-663	2189	1832	2240	3847	2558	3730	2733	2081	2810	3105	2092	2522	2964	3229	2688	2960	3086	2747
38	E-9	Tahafuz-10 (CEMB-2)	2626	1089	2640	3209	1919	3873	2559	2655	3947	1826	2551	2744	2772	3827	2940	3180	2528	2743
39	B-23	CEMB-88(DG)	2622	1794	2680	4024	2128	3803	2842	2272	2810	1888	2826	2449	3000	3791	2928	3240	1794	2740
40	E-20	Sahara-2020 (CEMB-2)	2006	1153	2260	3689	1460	3066	2272	2954	3468	2460	2634	2879	2904	4664	3072	3547	2403	2728
41	D-7	MNH-1020	2835	1397	2700	4452	2613	3542	2923	2428	2452	1992	2185	2264	3804	3456	2520	3260	1758	2724
42	D-10	IUB-69	2667	1256	2400	3900	2584	3712	2753	2775	2571	2387	3295	2757	2484	3648	2868	3000	1495	2717
43	C-12	Weal-Ag-1606	2661	1600	2180	3522	1883	4036	2647	3181	2571	2361	2352	2616	3156	3648	2928	3244	1878	2711
44	D-4	NIAB-898	2248	1166	2420	3352	2965	3748	2650	2870	2751	2072	2743	2609	3216	3851	2652	3240	1830	2706



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Sr.	Code of Cultivar	Denomination of Strains/Lines	PUNJAB							SINDH					BALOCHISTAN				KPK	PAKISTAN Average
			CCRI,ARI	CRS	CRS	CRI	CRS	NIAB, CRS	Punjab	CCRI	CRS	CRS	ARI, SAU	Sindh	ARI	CRS	CRS	B tan	CRS	
			Multan	B.pur	Sahiwal	Khanpur	Vehari	F.abad	Average	Sakrand	M.P. Khas	Ghotki	Tandojam	Average	Sariab	Lasbella	Sibbi	Average	D.I.Khan	
45	C-18	Shaheen-1	3077	2432	1960	3832	1771	2399	2579	2763	2691	2405	2767	2657	3036	3707	2916	3220	1890	2689
46	E-16	CIM-602 (Std-1)	1517	1685	2360	3496	1284	3389	2289	2846	3707	2008	2862	2856	2796	4305	2808	3303	2534	2686
47	B-9	FH-142 (Std-2)	2567	2307	2760	4025	1702	2105	2577	2464	2272	2830	2827	2598	3180	3827	2892	3300	1794	2682
48	B-6	Cyto-313	3078	1794	3180	3771	2167	2751	2790	2237	2511	2554	2539	2460	3024	3062	2628	2905	2236	2681
49	B-4	FH-152	2425	1794	2640	3487	2263	3827	2739	2272	2631	1961	2964	2457	2940	3110	3144	3065	2057	2680
50	D-1	RH-Manthar	1866	1397	2420	4037	2034	2941	2449	3289	2272	2028	3055	2661	2916	3995	2820	3244	2440	2679
51	B-1	CEMB Klean Cotton-1 (CEMB-3)	2158	2435	2060	3829	1918	3660	2677	Trials in Punjab only										2677
52	C-17	CIM-602 (Std-1)	2197	2202	2140	3932	1797	2668	2489	2452	2691	2250	2496	2472	2784	4569	2772	3375	2452	2671
53	D-19	Evyol-148	2272	1179	2420	4286	2276	3452	2648	2571	2870	2764	2119	2581	2784	3420	2892	3032	2021	2666
54	C-15	Thakkar-808	2759	1242	1980	3387	1701	3050	2353	3158	2332	1718	3191	2600	3312	4270	3096	3559	2129	2666
55	B-10	CIM-632	3089	1410	2880	3921	2490	3397	2864	1567	2810	2604	2226	2302	3660	2452	3096	3069	1579	2656
56	E-7	Tassco-902	2463	814	1180	3302	1409	3452	2103	2870	3588	2234	3583	3069	2508	3827	3540	3292	2389	2654
57	C-1	Ghauri-1 (CEMB-3)	2549	1459	2660	3438	2210	3565	2647	Trials in Punjab only										2647
58	D-2	NU-21 (CEMB-2)	2225	1384	2120	3240	1804	2860	2272	3205	2751	2717	3256	2982	2784	3648	2988	3140	2069	2646
59	B-15	Sitara-15	2766	2050	2880	3747	1888	3325	2776	1351	2751	2335	3130	2392	3108	2464	2964	2845	1914	2619
60	B-13	Bakhtawar-1	2330	1922	2320	4884	2033	2105	2599	2248	2212	2075	1955	2123	3240	3947	2856	3348	2536	2619
61	C-10	Auriga-216	2768	2112	2180	3304	2219	3027	2602	2643	2571	2239	1998	2363	3264	3528	3276	3356	1507	2617
62	E-8	FH-142 (Std-2)	2039	1269	2540	3935	1023	3048	2309	2762	3827	2211	2839	2910	3228	3229	3000	3152	1678	2616
63	C-24	MNH-1016	2976	1766	2900	3695	1974	1996	2551	1985	2810	2089	2471	2339	2988	3731	3228	3316	1985	2614
64	C-9	FH-142 (Std-2)	3103	1690	2600	3519	2050	2848	2635	2260	2392	2393	2748	2448	3216	3456	2688	3120	1627	2614
65	D-8	KZ-125	2595	1012	1940	3930	2867	3192	2589	2619	2870	2689	2231	2602	2688	3612	2688	2996	1447	2599

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Sr.	Code of Cultivar	Denomination of Strains/Lines	PUNJAB							SINDH					BALOCHISTAN				KPK	PAKISTAN Average
			CCRI,ARI	CRS	CRS	CRI	CRS	NIAB, CRS	Punjab	CCRI	CRS	CRS	ARI, SAU	Sindh	ARI	CRS	CRS	B tan	CRS	
			Multan	B.pur	Sahiwal	Khanpur	Vehari	F.abad	Average	Sakrand	M.P. Khas	Ghotki	Tandojam	Average	Sariab	Lasbella	Sibbi	Average	D.I.Khan	
66	E-19	Shahab-7	2316	948	1500	3879	1754	3470	2311	2547	3648	1977	3292	2866	3192	3349	2928	3156	1488	2592
67	E-12	SLH-19	1631	839	2160	3510	1577	2618	2056	3301	3648	1908	2295	2788	3396	4186	2964	3515	1952	2570
68	E-10	Suncrop-6	2202	993	1940	2912	1178	3416	2107	2595	3528	1958	3443	2881	3036	3707	2700	3148	2289	2564
69	E-21	Sahara-210	1908	852	2200	3593	1567	3183	2217	2571	3648	2397	2641	2814	2724	3468	3024	3072	2111	2563
70	C-2	CEMB-Klean Cotton-2 (CEMB-3)	2264	1792	2620	3458	1166	4059	2560	Trials in Punjab only										2560
71	D-9	FH-142 (Std-2)	2464	782	2360	4050	2846	3253	2626	2344	2452	2142	2266	2301	2952	3600	2628	3060	1615	2554
72	B-11	CEMB-55(DG)	2232	1922	2420	3624	1599	4162	2660	2153	2511	1564	2705	2233	2892	3217	2940	3016	1770	2551
73	C-22	NIAB-1048	2899	1293	2340	3708	2214	2803	2543	2033	2870	1926	2438	2317	2568	3528	3012	3036	2021	2547
74	E-14	Sitara-16	1729	743	2240	3066	1275	3344	2066	3038	3408	2708	3095	3062	2832	3349	2520	2900	2194	2539
75	E-17	SASUI-2018	1696	743	1440	3815	1358	3981	2172	2763	3648	2317	2406	2783	2952	3588	3012	3184	1658	2527
76	C-7	Bahar-2017	2604	1920	2140	3314	1713	3072	2461	2129	2212	2572	2929	2460	2856	3086	2712	2885	2081	2524
77	D-14	Hatf-1(CEMB-3)	2392	1038	2260	3808	1614	3846	2493	Trials in Punjab only										2493
78	C-14	Tipu-1	2636	1702	1700	3589	2036	2601	2377	2069	2332	2240	2477	2280	2724	3707	3180	3204	1794	2485
79	C-16	Tarzan-5	3077	1715	1240	3317	1235	3117	2284	2763	2631	1842	2595	2458	2784	3576	2940	3100	1794	2473
80	D-3	NS-191	2392	1269	1500	3349	2468	2493	2245	2117	2392	2038	2856	2351	3264	3887	3012	3388	1585	2473
81	E-11	Suncrop-5	2349	961	1880	3214	1366	2896	2111	2428	3707	1828	3289	2813	2688	3110	2832	2877	2025	2469
82	B-16	SAU-1	1853	1538	1600	3774	936	3923	2271	2069	2691	1615	2510	2221	3144	3791	2904	3280	2189	2467
83	E-6	Tipu-9	1925	1237	1360	2938	733	3004	1866	2858	3528	1384	3455	2806	3048	4186	2760	3331	2103	2466
84	E-3	VH-383	2169	993	1720	3187	1266	3219	2092	2715	3648	1826	2139	2582	3240	3229	2880	3116	2016	2446
85	E-15	Sikandar-1	2283	750	1740	3842	1263	3542	2237	2021	3528	2238	1741	2382	3192	2870	2988	3017	1599	2400
86	E-13	SLH-6	2022	833	2580	3589	1321	2914	2210	2201	3408	2099	1789	2374	2916	2870	3060	2949	1805	2386
87	C-21	NIAB-Bt-2	2661	1549	2280	3304	1792	3184	2462	1423	2452	1153	2385	1853	3060	3791	2604	3152	1387	2359



(Ishrat Sultana)

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Directorate of Agriculture Research

2017 - NCVT Field Trial Results

Average Seed Cotton Yield (Kg/Hectare) at Pakistan Level in descending order of New Bt Cotton Strains/Lines of Set B-E

Sr.	Code of Cultivar	Designation of Strains/	PUNJAB							SINDH					BALOCHISTAN				KPK	PAKISTAN Average
			CCRI, CRI	CRS	CRS	CRI	CRS	NIAB, CRS	Punjab	CCRI	CRS	CRS	ARI, SAU	Sindh	ARI	CRS	CRS	B tan	CRS	
			Multan	B.pur	Sahiwal	Khanpur	Vehari	F.abad	Average	Sakrand	M.P. Khas	Ghotki	Tandojam	Average	Sariab	Lasbella	Sibbi	Average	D.I.Khan	
88	B-18	NS-181	1789	1410	2140	4601	1249	1794	2164	1578	2751	2556	1942	2207	3360	3050	2988	3133	1770	2356
89	D-12	D-12	1591	858	2820	3010	1486	3443	2201	1758	2810	2102	1281	1988	2916	3409	3276	3200	2057	2344
90	C-11	AA-933	1821	2010	1780	2993	994	3453	2175	1938	2452	1800	2560	2187	3036	3564	2808	3136	1029	2303
91	B-8	CRIS-600	1968	1410	1440	3008	1020	2368	1869	1938	2691	1395	2563	2147	3096	3767	2880	3248	1818	2240
92	C-4	BS-80	2286	1472	2340	3267	1430	1480	2046	873	2870	1816	1793	1838	3348	3540	3216	3368	1387	2223
93	C-13	VH-Gulzar	2485	2048	2200	3508	1807	718	2128	1471	2332	1529	1506	1710	2916	4030	3396	3447	873	2201
94	D-5	NIA-85	1363	794	1180	2257	880	2645	1520	2213	2392	1182	2472	2065	3336	3851	2592	3260	1658	2058
95	E-23	Hatf-2 (CEMB-3)	1925	871	1300	3327	1111	3389	1987	Trials in Punjab only										1987
Average			2445	1617	2296	3740	1905	3322	2554	2613	2864	2318	2744	2635	3058	3676	2955	3229	2062	2678
1	CD 5%		654.62	345.19	606.46	680.93	764.16	781.94	---	828.26	629.54	865.27	954.4	---	756.8	435.39	538.62	---	484.4	---
2	CD 1%		863.54	455.35	800.01	898.25	1008	1031.5	---	1092.9	830.66	1141.7	1259.3	---	998.58	574.49	710.7	---	639.16	---
3	Significance		**	**	**	**	**	**	---	**	**	**	**	---	**	**	**	---	**	---
4	CV %		16.62	13.25	16.4	11.3	24.9	14.61	---	19.67	13.64	23.17	21.58	---	15.36	7.35	11.31	---	14.58	---

(Ishrat Sultana)

Senior Scientific Officer, PCCC, Mulan

Summary of Provisional Biochemical Test Results of Four Reference Labs

Sr.	Codes	Varieties	Non Bt/Bt Varieties	Claimed Technology (Gene/Event)	NIGAB, Islamabad			CEMB, Lahore							ABRI, Faisalabad			NIBGE, Faisalabad				Average of four labs			Remarks															
					Cry1Ac (MON-531)			Cry1Ac (MON-531)			Cry2Ac (CEMB)		GTG (CEMB)		Cry1Ac (MON-531)			Cry1Ac (MON-531)				Cry1Ac (MON-531)																		
					Trait Confirmation (+/-) PCR	Trait Purity (%)	Quantification ELISA (µg/g)	Trait Confirmation (+/-) PCR	Trait Purity (%)	Quantification ELISA (µg/g)	Trait Confirmation (+/-) PCR	Trait Purity (%)	Quantification ELISA (µg/g)	Trait Confirmation (+/-) PCR	Trait Purity (%)	Quantification ELISA (µg/g)	PCR/qPCR	Trait Confirmation (+/-) PCR	Trait Purity (%)	Quantification ELISA (µg/g)	Trait Confirmation (+/-) PCR	Trait Purity (%)	Quantification ELISA (µg/g)	Cry2A (MON-15985)		RR (MON-1445)	CP4 (EPSPS)	Trait Confirmation (+/-) PCR	Trait Purity (%)	Quantification ELISA (µg/g)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	6+9+19+10+28+11+21/3	
1	BCT 17A-1	TH-17	Non Bt	Nil	+	75	3.36	+	80	2.53	-	0	ND	-	0	ND	-	+	100	0.81	+	NA	NA	-	-	-	+	85	2.24	All Non-Bt Cotton Varieties are Bt with Low to high Expression and Trait purity										
2	BCT 17A-2	GS-Ali-7	Non Bt	Nil	+	75	0.00	+	80	2.30	+	80	2.73	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	52	0.77											
3	BCT 17A-3	NIA-887	Non Bt	Nil	+	75	0.00	+	80	2.30	-	0	ND	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	52	0.77											
4	BCT 17A-4	CRIS-613	Non Bt	Nil	+	75	0.00	+	70	2.48	+	70	2.65	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	48	0.83											
5	BCT 17A-5	Cyto-225	Non Bt	Nil	+	75	0.00	+	100	2.09	+	100	2.33	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	58	0.70											
6	BCT 17A-6	CRIS-129 (Std)**	Non Bt	Nil	+	75	0.00	+	60	2.38	+	60	2.53	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	45	0.79											
7	BCT 17A-7	CIM-717	Non Bt	Nil	+	75	0.00	+	80	2.80	+	80	2.32	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	52	0.93											
8	BCT 17A-8	TH-88/11	Non Bt	Nil	+	75	0.36	+	80	2.03	+	80	1.83	-	0	ND	-	+	100	1.22	+	NA	NA	-	-	-	+	85	1.20											
9	BCT 17A-9	Tipu-2	Non Bt	Nil	+	75	0.92	+	80	2.24	+	80	2.33	-	0	ND	-	-	0	0.00	+	NA	NA	-	-	-	+	52	1.05											
10	BCT 17A-10	Thakkar-214	Non Bt	Nil	+	75	0.00	+	100	2.65	+	100	1.83	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	58	0.88											
11	BCT 17A-11	CIM-620 (Std)*	Non Bt	Nil	+	75	0.00	+	80	2.12	+	80	1.92	+	60	+	+	-	0	0.00	-	NA	NA	-	-	-	+/-	52	0.71											
12	BCT 17A-12	NIAB-444	Non Bt	Nil	+	75	0.00	+	80	2.13	-	0	ND	-	0	ND	-	-	0	0.00	+	NA	NA	-	-	-	+	52	0.71											
13	BCT 17A-13	MPS-61	Non Bt	Nil	+	75	0.00	+	70	3.38	-	0	ND	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	48	1.13											
14	BCT 17A-14	CIM-610	Non Bt	Nil	+	75	0.00	+	100	3.05	-	0	ND	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	+/-	58	1.02											
15	BCT 17A-15	PB-896	Non Bt	Nil	+	100	0.00	+	80	2.92	+	80	1.43	-	0	ND	-	+	40	1.36	+	NA	NA	-	-	-	+	73	1.43											
16	BCT 17A-16	Tipu-2 (Repeat)	Non Bt	Nil	-	0	0.00	+	100	2.80	-	0	ND	-	0	ND	-	-	0	0.00	-	NA	NA	-	-	-	-	33	0.93											
17	BCT 17B-1	CEMB Klean Cotton-1(CEMB-3)	Bt	Cry1Ac+Cry2A+GTG	+	100	0.41	+	80	2.13	+	80	2.35	+	40	+	+	+	100	0.65	+	NA	NA	-	+	+	+	93	1.06	RR(MON-1445)										
18	BCT 17B-2	IR-NIBGE-9	Bt	Cry1Ac/ MON-531	+	100	0.00	+	100	3.98	+	100	1.55	-	0	ND	-	+	60	0.96	+	NA	NA	-	-	-	+	87	1.65											
19	BCT 17B-3	GH-Deebal	Bt	Cry1Ac/MON-531	+	75	0.67	+	70	2.05	+	70	2.13	-	0	ND	-	+	60	0.37	+	NA	NA	-	-	-	+	68	1.03											
20	BCT 17B-4	FH-152	Bt	Cry1Ac/ MON-531	+	100	0.06	+	80	2.76	+	80	2.05	-	0	ND	-	+	100	1.29	+	NA	NA	-	-	-	+	93	1.37											
21	BCT 17B-5	Eagle-2	Bt	Cry1Ac/MON-531	+	100	3.82	+	80	2.85	+	80	2.03	+	50	+	+	+	80	1.30	+	NA	NA	-	-	-	+	87	2.65											
22	BCT 17B-6	Cyto-313	Bt	Cry1Ac/ MON-531	+	100	0.11	+	80	3.56	+	80	2.46	+	60	+	+	+	80	1.15	+	NA	NA	-	-	-	+	87	1.61											
23	BCT 17B-7	Crystal-12	Bt	Cry1Ac/MON-531	+/-	50	0.42	+	70	3.65	+	70	1.84	-	0	ND	-	+	80	1.05	+	NA	NA	-	-	-	+	67	1.71											
24	BCT 17B-8	CRIS-600	Bt	Cry1Ac/ MON-531	+	100	0.00	+	80	2.06	-	0	ND	-	0	ND	-	+	60	2.01	+	NA	NA	-	-	-	+	80	1.36											
25	BCT 17B-9	FH-142 Std-2	Bt	Cry1Ac/MON-531	+	100	0.00	+	70	2.82	-	0	ND	-	0	ND	-	+	100	0.53	+	NA	NA	-	-	-	+	90	1.12											
26	BCT 17B-10	CIM-632	Bt	Cry1Ac/ MON-531	+	75	0.00	+	80	2.75	+	80	2.62	-	0	ND	-	+	100	0.53	+	NA	NA	-	-	-	+	85	1.09											
27	BCT 17B-11	CEMB-55 (DG)	Bt	Cry1Ac+Cry2A	+/-	50	0.43	+	80	2.15	+	80	2.32	+	40	+	+	+	100	1.06	+	NA	NA	-	-	-	+	77	1.21											
28	BCT 17B-12	BH-201	Bt	Cry1Ac/ MON-531	+	100	0.00	+	80	1.99	-	0	ND	-	0	ND	-	-	0	0.00	+	NA	NA	-	-	-	+	60	0.66											
29	BCT 17B-13	Bakhtawar-1	Bt	Cry1Ac/MON-531	-	25	0.86	+	80	2.32	-	0	ND	-	0	ND	-	+	100	1.02	+	NA	NA	-	-	-	+	68	1.40											
30	BCT 17B-14	Bahar-07	Bt	Cry1Ac/ MON-531	+	75	0.20	+	80	2.02	-	0	ND	-	0	ND	-	+	100	0.93	+	NA	NA	-	-	-	+	85	1.05											
31	BCT 17B-15	Sitara-15	Bt	Cry1Ac/MON-531	+	75	0.00	+	100	2.15	+	100	2.21	-	0	ND	-	+	100	1.23	+	NA	NA	-	-	-	+	92	1.13											
32	BCT 17B-16	SAU-1	Bt	Cry1Ac/ MON-531	+	100	0.95	+	100	3.10	-	0	ND	-	0	ND	-	+	100	3.90	+	NA	NA	-	-	-	+	100	2.65											
33	BCT 17B-17	CIM-602 (Std-1)	Bt	Cry1Ac/MON-531	+	75	0.05	+	80	2.92	-	0	ND	-	0	ND	-	+	100	1.25	+	NA	NA	-	-	-	+	85	1.41											
34	BCT 17B-18	NS-181	Bt	Cry1Ac/ MON-531	+	100	0.81	+	80	3.05	-	0	ND	-	0	ND	-	+	100	0.68	+	NA	NA	-	-	-	+	93	1.51											
35	BCT 17B-19	IR-NIBGE-8	Bt	Cry1Ac/MON-531	+	100	4.74	+	80	3.16	+	80	1.83	-	0	ND	-	+	100	0.63	+	NA	NA	-	-	-	+	93	2.84											
36	BCT 17B-20	IUB-65	Bt	Cry1Ac/ MON-531	+	75	1.41	+	80	2.65	+	80	1.63	-	0	ND	-	+	100	0.89	+	NA	NA	-	-	-	+	85	1.65											
37	BCT 17B-21	GH-Mubarak	Bt	Cry1Ac/MON-531	+	75	0.46	+	70	2.20	+	70	1.83	-	0	ND	-	+	100	0.66	+	NA	NA	-	-	-	+	82	1.11											
38	BCT 17B-22	CIM-625	Bt	Cry1Ac/ MON-531	+	75	2.45	+	80	3.23	-	0	ND	-	0	ND	-	+	100	1.32	+	NA	NA	-	-	-	+	85	2.33											
39	BCT 17B-23	CEMB-88 (DG)	Bt	Cry1Ac+Cry2A	+	100	0.36	+	80	2.80	+	80	2.20	+	60	+	+	+	100	0.63	+	NA	NA	-	-	-	+	93	1.26											

40	BCT 17B-24	AGC-Nazeer-1	Bt	Cry1Ac/ MON-531	+	100	2.78	+	100	3.48	+	100	2.23	+	50	+	+	+	100	1.02	+	NA	NA	-	-	-	+	100	2.43	
41	BCT 17B-25	GH-Deebal Repeat	Bt	Cry1Ac/MON-531	+	100	1.58	+	80	2.95	-	0	ND	-	0	ND	-	+	100	0.96	+	NA	NA	-	-	-	+	93	1.83	
42	BCT 17B-26	Bahar-07 (Repeat)	Bt	Cry1Ac/ MON-531	+	75	0.05	+	80	3.14	-	0	ND	-	0	ND	-	+	100	1.31	+	NA	NA	-	-	-	+	85	1.50	
43	BCT 17B-27	GH-Mubarak (Repeat)	Bt	Cry1Ac/MON-531	+	75	0.32	+	80	1.92	-	0	ND	-	0	ND	-	+	100	0.48	+	NA	NA	-	-	-	+	85	0.91	
44	BCT 17C-1	Ghauri-1 (CEMB-3)	Bt	Cry1Ac+Cry2A+GTG	+	75	0.00	+	80	2.98	+	80	2.93	-	0	ND	-	+	100	1.06	+	NA	NA	-	-	-	+	85	1.35	
45	BCT 17C-2	CEMB-Klean Cotton-2 (CEMB-3)	Bt	Cry1Ac+Cry2A+GTG	-	25	0.30	+	80	2.15	+	80	2.96	+	40	+	+	+	100	1.16	+	NA	NA	-	+	+	+	68	1.20	RR(MON-1445)
46	BCT 17C-3	CEMB-100 (DG)	Bt	Cry1Ac+Cry2A	+	100	0.00	+	80	3.17	+	80	1.76	+	50	+	+	+	100	1.32	+	NA	NA	-	-	-	+	93	1.50	
47	BCT 17C-4	BS-80	Bt	Cry1Ac/MON-531	+	75	1.49	+	80	2.83	+	80	2.10	+	40	+	+	+	100	0.95	+	NA	NA	-	-	-	+	85	1.75	
48	BCT 17C-5	BS-18	Bt	Cry1Ac/ MON-531	+	100	0.92	+	100	2.74	+	100	2.96	+	60	+	+	+	100	1.23	+	NA	NA	-	-	-	+	100	1.63	
49	BCT 17C-6	BH-221	Bt	Cry1Ac/MON-531	-	25	2.32	+	70	3.51	-	0	ND	-	0	ND	-	+	100	1.08	+	NA	NA	-	-	-	+	65	2.30	
50	BCT 17C-7	Bahar-2017	Bt	Cry1Ac/ MON-531	+	75	1.23	+	80	3.05	-	0	ND	-	0	ND	-	+	100	1.16	+	NA	NA	-	-	-	+	85	1.82	
51	BCT 17C-8	Badar-1(CEMB 2)	Bt	Cry1Ac+Cry2A	+	100	2.61	+	80	2.80	+	80	2.66	+	50	+	+	+	100	0.96	+	NA	NA	-	-	-	+	93	2.12	
52	BCT 17C-9	FH-142 (Std-2)	Bt	Cry1Ac/ MON-531	+	75	0.84	+	80	2.19	-	0	ND	-	0	ND	-	+	100	1.12	+	NA	NA	-	-	-	+	85	1.38	
53	BCT 17C-10	Auriga-216	Bt	Cry1Ac/MON-531	+	75	1.12	+	100	2.19	-	0	ND	-	0	ND	-	+	100	1.09	+	NA	NA	-	-	-	+	92	1.47	
54	BCT 17C-11	AA-933	Bt	Cry1Ac/ MON-531	+	75	3.81	+	70	2.02	+	70	2.21	-	0	ND	-	+	100	0.69	+	NA	NA	-	-	-	+	82	2.17	
55	BCT 17C-12	Weal Ag-1606	Bt	Cry1Ac/MON-531	+	75	7.52	+	70	3.46	+	70	2.62	+	60	+	+	+	100	0.95	+	NA	NA	-	-	-	+	82	3.98	
56	BCT 17C-13	VH-Gulzar	Bt	Cry1Ac/ MON-531	+	75	0.80	+	70	3.50	+	70	1.83	-	0	ND	-	+	100	0.85	+	NA	NA	-	-	-	+	82	1.72	
57	BCT 17C-14	Tipu-1	Bt	Cry1Ac/MON-531	+	75	4.37	+	80	2.93	-	0	ND	-	0	ND	-	+	100	1.44	+	NA	NA	-	-	-	+	85	2.91	
58	BCT 17C-15	Thakkar-808	Bt	Cry1Ac/ MON-531	+	75	0.97	+	80	3.53	-	0	ND	-	0	ND	-	+	100	1.72	+	NA	NA	-	-	-	+	85	2.07	
59	BCT 17C-16	Tarzan-5	Bt	Cry1Ac/MON-531	+/-	50	4.64	+	100	2.66	-	0	ND	-	0	ND	-	+	100	1.56	+	NA	NA	-	-	-	+	83	2.95	
60	BCT 17C-17	CIM-602 (Standard-1)	Bt	Cry1Ac/ MON-531	+	75	0.78	+	80	2.99	-	0	ND	-	0	ND	-	+	100	1.15	+	NA	NA	-	-	-	+	85	1.64	
61	BCT 17C-18	Shaheen-1	Bt	Cry1Ac/MON-531	+	100	1.66	+	60	2.76	+	60	2.20	-	0	ND	-	+	100	1.06	+	NA	NA	-	-	-	+	87	1.83	
62	BCT 17C-19	RH-662	Bt	Cry1Ac/ MON-531	+	75	0.94	+	70	2.73	-	0	ND	-	0	ND	-	+	100	1.18	+	NA	NA	-	-	-	+	82	1.62	
63	BCT 17C-20	RH-668	Bt	Cry1Ac/MON-531	+	75	3.54	+	80	2.69	-	0	ND	-	0	ND	-	-	0	1.54	+	NA	NA	-	-	-	+	52	2.59	
64	BCT 17C-21	NIAB-Bt-2	Bt	Cry1Ac/ MON-531	+	75	1.80	+	100	2.79	+	100	2.50	+	40	+	+	+	100	1.14	+	NA	NA	-	-	-	+	92	1.91	
65	BCT 17C-22	NIAB-1048	Bt	Cry1Ac/MON-531	+	75	4.83	+	90	2.63	+	90	2.35	-	0	ND	-	+	100	1.05	+	NA	NA	-	-	-	+	88	2.84	
66	BCT 17C-23	NIAB-545	Bt	Cry1Ac/ MON-531	-	25	1.30	+	100	2.48	+	100	2.05	+	50	+	+	+	100	0.96	+	NA	NA	-	-	-	+	75	1.58	
67	BCT 17C-24	MNH-1016	Bt	Cry1Ac/MON-531	+	75	2.39	+	80	3.29	-	0	ND	-	0	ND	-	+	100	1.08	+	NA	NA	-	-	-	+	85	2.25	
68	BCT 17C-25	BS-80 (Repeat)	Bt	Cry1Ac/ MON-531	+	75	2.01	+	80	2.60	-	0	ND	-	0	ND	-	+	100	0.67	+	NA	NA	-	-	-	+	85	1.76	
69	BCT 17C-26	Bahar-2017 (Repeat)	Bt	Cry1Ac/MON-531	+/-	50	3.25	+	80	2.53	+	80	2.39	-	0	ND	-	+	100	4.46	+	NA	NA	-	-	-	+	77	3.41	
70	BCT 17C-27	VH-Gulzar (Repeat)	Bt	Cry1Ac/ MON-531	-	0	0.00	+	80	2.21	-	0	ND	-	0	ND	-	+	100	3.44	+	NA	NA	-	-	-	+	60	1.88	
71	BCT 17D-1	RH-Manthar	Bt	Cry1Ac/MON-531	+/-	50	1.91	+	80	3.31	-	0	ND	-	0	ND	-	+	100	0.79	+	NA	NA	-	-	-	+	77	2.00	
72	BCT 17D-2	NU-21 (CEMB 2)	Bt	Cry1Ac+Cry2A	+	75	1.55	+	80	3.39	+	80	2.05	-	0	ND	-	+	100	2.34	+	NA	NA	-	-	-	+	85	2.43	
73	BCT 17D-3	NS-191	Bt	Cry1Ac/MON-531	+	75	1.45	+	70	2.62	-	0	ND	-	0	ND	-	+	100	1.32	+	NA	NA	-	-	-	+	82	1.80	
74	BCT 17D-4	NIAB-898	Bt	Cry1Ac/ MON-531	+	75	0.19	+	80	3.00	-	0	ND	-	0	ND	-	+	80	1.41	+	NA	NA	-	-	-	+	78	1.53	
75	BCT 17D-5	NIA-85	Bt	Cry1Ac/MON-531	+	75	4.48	+	80	2.65	+	80	2.11	+	60	+	+	+	80	1.13	+	NA	NA	-	-	-	+	78	2.75	
76	BCT 17D-6	MNH-1026	Bt	Cry1Ac/ MON-531	+	75	1.69	+	100	3.66	-	0	ND	-	0	ND	-	+	100	1.35	+	NA	NA	-	-	-	+	92	2.24	
77	BCT 17D-7	MNH-1020	Bt	Cry1Ac/MON-531	+/-	50	2.61	+	80	2.47	+	80	1.94	-	0	ND	-	+	100	2.80	+	NA	NA	-	-	-	+	77	2.63	
78	BCT 17D-8	KZ-125	Bt	Cry1Ac/ MON-531	+	75	1.46	+	80	2.50	-	0	ND	-	0	ND	-	+	100	1.60	+	NA	NA	-	-	-	+	85	1.85	
79	BCT 17D-9	FH-142 (Standard-2)	Bt	Cry1Ac/MON-531	+/-	50	3.05	+	100	2.69	+	100	2.45	-	0	ND	-	+	100	1.10	+	NA	NA	-	-	-	+	83	2.28	
80	BCT 17D-10	IUB-69	Bt	Cry1Ac/ MON-531	+	75	0.81	+	80	3.72	+	80	2.04	+	60	+	+	+	100	1.58	+	NA	NA	-	-	-	+	85	2.04	
81	BCT 17D-11	IR-NIBGE 11 (mac-7)	Bt	Cry1Ac/MON-531	+	75	0.86	+	80	2.50	+	80	2.01	-	0	ND	-	+	100	0.35	+	NA	NA	-	-	-	+	85	1.24	
82	BCT 17D-12	IR-NIBGE-10	Bt	Cry1Ac/ MON-531	+	100	0.59	+	80	2.28	-	0	ND	-	0	ND	-	+	100	0.74	+	NA	NA	-	-	-	+	93	1.20	
83	BCT 17D-13	ICI-2121	Bt	Cry1Ac/MON-531	+	75	3.64	+	70	2.20	-	0	ND	-	0	ND	-	+	100	2.58	+	NA	NA	-	-	-	+	82	2.81	
84	BCT 17D-14	Hatf-1(CEMB 3)	Bt	Cry1Ac+Cry2A+GTG	+	75	1.45	+	100	2.55	-	0	ND	-	0	ND	-	+	100	2.44	+	NA	NA	-	+	+	+	92	2.15	RR(MON-1445)
85	BCT 17D-15	GH-Haadi	Bt	Cry1Ac/MON-531	+	75	1.30	+	80	2.31	+	80	2.15	-	0	ND	-	+	100	1.09	+	NA	NA	-	-	-	+	85	1.57	
86	BCT 17D-16	FH-444	Bt	Cry1Ac/ MON-531	+	75	1.07	+	80	2.29	+	80	2.32	-	0	ND	-	+	80	1.08	+	NA	NA	-	-	-	+	78	1.48	
87	BCT 17D-17	CIM-602 (Standard-1)	Bt	Cry1Ac/MON-531	+/-	50	1.36	+	80	2.69	-	0	ND	-	0	ND	-	+	100	0.43	+	NA	NA	-	-	-	+	77	1.49	
88	BCT 17D-18	FH-490	Bt	Cry1Ac/ MON-531	+/-	50	2.63	+	80	2.57	+	80	2.14	-	0	ND	-	+	100	2.71	+	NA	NA	-	-	-	+	77	2.64	
89	BCT 17D-19	Evyol-148	Bt	Cry1Ac/MON-531	+/-	50	1.57	+	80	2.22	+	80	1.20	+	50	+	+	+	100	1.38	+	NA	NA	-	-	-	+	77	1.72	
90	BCT 17D-20	CEMB-101 (DG)	Bt	Cry1Ac+Cry2A	+	75	0.73	+	100	2.52	+	100	2.01	+	50	+	+	+	100	1.10	+	NA	NA	-	-	-	+	92	1.45	
91	BCT 17D-21	Cyto-515	Bt	Cry1Ac/MON-531	+/-	50	1.70	+	80	2.56	+	80	2.13	-	0	ND	-	+	100	1.75	+	NA	NA	-	-	-	+	77	2.00	
92	BCT 17D-22	CIM-663	Bt	Cry1Ac/ MON-531	-	25	1.64	+	70	2.47	-	0	ND	-	0	ND	-	+	100	1.96	+	NA	NA	-	-	-	+	65	2.02	
93	BCT 17D-23	CIM-343	Bt	Cry1Ac/MON-531	+	75	3.88	+	70	2.31	-	0	ND	-	0	ND	-	+	80	1.16	+	NA	NA	-	-	-	+	75	2.45	
94	BCT 17D-24	BZU-05	Bt	Cry1Ac/ MON-531	+	75	0.95	+	80	2.11	-	0	ND	-	0	ND	-	+	80	4.32	+	NA	NA	-	-	-	+	78	2.46	

95	BCT 17D-25	ICI-212 (Repeat)	Bt	Cry1Ac/MON-531	+	75	1.31	+	80	2.11	-	0	ND	-	0	ND	-	+	100	3.27	+	NA	NA	-	-	-	+	85	2.23	
96	BCT 17E-1	Weal AG-6	Bt	Cry1Ac/ MON-531	+	75	1.43	+	80	2.25	-	0	ND	-	0	ND	-	+	100	1.87	+	NA	NA	-	-	-	+	85	1.85	
97	BCT 17E-2	Weal AG-5	Bt	Cry1Ac/MON-531	+	100	0.59	+	80	2.23	+	80	1.75	-	0	ND	-	+	100	1.23	+	NA	NA	-	-	-	+	93	1.35	
98	BCT 17E-3	VH-383	Bt	Cry1Ac/ MON-531	+	100	1.07	+	80	2.82	+	80	2.02	-	0	ND	-	+	100	1.11	+	NA	NA	-	-	-	+	93	1.67	
99	BCT 17E-4	VH-189	Bt	Cry1Ac/MON-531	+	75	0.53	+	100	2.13	-	0	ND	-	0	ND	-	+	100	1.01	+	NA	NA	-	-	-	+	92	1.22	
100	BCT 17E-5	TJ-MAX (CEMB 2)	Bt	Cry1Ac+Cry2A	+	75	1.92	+	80	2.32	+	80	2.54	+	60	+	+	+	100	1.80	+	NA	NA	-	-	-	+	85	2.01	
101	BCT 17E-6	Tipu-9	Bt	Cry1Ac/MON-531	+	75	1.89	+	80	1.84	-	0	ND	-	0	ND	-	+	100	2.19	+	NA	NA	-	-	-	+	85	1.97	
102	BCT 17E-7	Tassco-902	Bt	Cry1Ac/ MON-531	+	75	0.98	+	80	2.82	+	80	2.38	-	0	ND	-	+	100	1.26	+	NA	NA	-	-	-	+	85	1.69	
103	BCT 17E-8	FH-142 (Standard-2)	Bt	Cry1Ac/MON-531	+	75	0.15	+	80	2.23	+	80	2.23	-	0	ND	-	+	100	1.90	+	NA	NA	-	-	-	+	85	1.43	
104	BCT 17E-9	Tahafuz-10 (CEMB 2)	Bt	Cry1Ac+Cry2A	+	75	6.84	+	70	2.21	+	70	2.25	+	50	+	+	+	100	3.36	+	NA	NA	-	-	-	+	82	4.14	
105	BCT 17E-10	Suncrop-6	Bt	Cry1Ac/MON-531	+	100	1.24	+	80	2.50	+	80	2.02	-	0	ND	-	+	100	3.02	+	NA	NA	-	-	-	+	93	2.25	
106	BCT 17E-11	Suncrop-5	Bt	Cry1Ac/ MON-531	+	100	2.40	+	70	2.66	-	0	ND	-	0	ND	-	+	100	1.67	+	NA	NA	-	-	-	+	90	2.24	
107	BCT 17E-12	SLH-19	Bt	Cry1Ac/MON-531	+	75	2.24	+	80	2.62	-	0	ND	-	0	ND	-	-	0	0.00	+	NA	NA	-	-	-	+	52	1.62	
108	BCT 17E-13	SLH-6	Bt	Cry1Ac/ MON-531	+	75	0.62	+	80	2.80	+	80	2.13	-	0	ND	-	+	100	2.14	+	NA	NA	-	-	-	+	85	1.85	
109	BCT 17E-14	Sitara-16	Bt	Cry1Ac/MON-531	+	75	4.29	+	80	2.44	+	80	2.01	-	0	ND	-	+	100	2.49	+	NA	NA	-	-	-	+	85	3.07	
110	BCT 17E-15	Sikandar-1	Bt	Cry1Ac/ MON-531	+/-	50	0.15	+	80	2.33	-	80	ND	-	0	ND	-	+	100	1.97	+	NA	NA	-	-	-	+	77	1.48	
111	BCT 17E-16	CIM-602 (Standard-1)	Bt	Cry1Ac/MON-531	+	100	0.73	+	80	2.33	+	80	2.63	+	40	+	+	+	100	1.15	+	NA	NA	-	-	-	+	93	1.40	
112	BCT 17E-17	SASUI-2018	Bt	Cry1Ac/ MON-531	+/-	50	1.88	+	100	2.52	+	100	2.18	+	50	+	+	+	100	3.40	+	NA	NA	-	-	-	+	83	2.60	
113	BCT 17E-18	Shaheen-16	Bt	Cry1Ac/MON-531	+/-	50	0.78	+	80	2.14	-	0	ND	-	0	ND	-	+	100	2.34	+	NA	NA	-	-	-	+	77	1.75	
114	BCT 17E-19	Shahab-7	Bt	Cry1Ac/ MON-531	+	75	0.65	+	80	2.02	-	0	ND	-	0	ND	-	+	100	2.95	+	NA	NA	-	-	-	+	85	1.87	
115	BCT 17E-20	Sahara-2020(CEMB 2)	Bt	Cry1Ac+Cry2A	-	0	0.00	+	80	2.84	-	0	ND	-	0	ND	-	+	80	3.38	+	NA	NA	-	-	-	+	53	2.07	
116	BCT 17E-21	Sahara-210	Bt	Cry1Ac/ MON-531	-	0	0.00	+	100	2.02	-	0	ND	-	0	ND	-	+	100	2.33	+	NA	NA	-	-	-	+	67	1.45	
117	BCT 17E-22	RH-Afnan	Bt	Cry1Ac/MON-531	+	75	2.09	+	80	3.14	+	80	2.05	-	0	ND	-	+	40	2.76	+	NA	NA	-	-	-	+	65	2.66	
118	BCT 17E-23	Hatf-2 (CEMB-3)	Bt	Cry1Ac+Cry2A+GTG	-	0	0.00	+	80	3.33	-	0	ND	-	0	ND	-	+	100	2.56	+	NA	NA	-	+	+	+	60	1.96	RR(MON-1445)
119	BCT 17E-24	VH-189 (Repeat)	Bt	Cry1Ac/MON-531	-	0	0.00	+	80	2.72	+	80	1.98	-	0	ND	-	+	100	2.44	+	NA	NA	-	-	-	+	60	1.72	
Average						71	1.339		81.7	2.64		45	2.18		9.83				83	1.34							79	1.77		

Note: 1-Trait-Confirmation"are "worked out as average of the Four Labs' results while "Trair-Purity"and "Toxin-Expression" have been calculated as average of three lab's results.

2- Errors and ommisissions are accepted, Please.

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