

Decision taken in the 77th Meeting of the Genetic Engineering Approval Committee held on 29.5.2007

The 77th Meeting of the Genetic Engineering Approval Committee (GEAC) was held on 29.5.2007 in the Ministry of Environment and Forests under the Chairmanship of Dr. C. D. Mayee, Co-Chairman, GEAC.

1.0 Consideration of Proposals for Commercial Release

PROPOSAL FOR COMMERCIAL RELEASE IN SOUTH ZONE

A. Bt Cotton Hybrids expressing *cry 1Ac* (MON 531 Event).

- 1.1 Permission for commercialization of Bt cotton hybrids 302 Bt, 113 Bt, 340 Bt and 6188 Bt expressing *cry 1Ac* gene(MON-531) in the South Zone by M/s Bioseeds Research India Pvt Ltd.**
- 1.2 Permission for commercialization of Bt cotton hybrids VCH-111 expressing *cry 1Ac* gene (MON-531) in the South Zone by M/s Vikki Agrotech Pvt Ltd.**
- 1.3 Permission for commercialization of Sigma Bt, Dyna Bt, and Ole Bt expressing *cry 1Ac* gene (MON-531) in the South Zone by M/s Vibha Seeds (P) Ltd.**
- 1.4 Permission for commercialization of Jai Bt and Akka Bt expressing *Cry 1Ac* gene (MON-531) in the South Zone by M/s Ankur Seeds Pvt Ltd.**
- 1.5 Permission for commercialization of Rudra Bt expressing *cry 1Ac* gene (MON-531) in the South Zone by M/s Paravardhan Seeds Ltd**
- 1.6 Permission for commercialization of ACH-21 expressing *cry 1Ac* gene (MON-531) in the South Zone by M/s Ajeet Seeds Ltd**
- 1.7 Permission for commercialization of KCH-135 Bt and KCH-707 Bt expressing *cry 1Ac* gene (MON-531) in the South Zone by M/s Kaveri Seeds Ltd.**
- 1.8 Permission for commercialization of NSPL-405Bt, NSPL-36Bt, NSPL-45Bt NSPL-999 Bt, NSPL-9 Bt and NSPL-207 Bt expressing *cry 1Ac* gene (MON-531) in the South Zone by M/s Nandi Seeds Pvt. Limited**
- 1.9 Permission for commercialization of PCH 930 Bt, PCH 207 Bt (PCH 205 Bt) and PCH 115 Bt expressing *Cry 1 Ac* gene (MON-531) in the South Zone by M/s Prabhat Agri-biotech Limited.**
- 1.10 Permission for commercialization of NCS-950 Bt, NCS-954 Bt, NCS-957 Bt, NCS-929 Bt, NCS-138 Bt, NCHB-940 Bt, NCHB-944 Bt , NCHB-945 Bt, NCHB-990 Bt, NCHB-991 Bt & NCHB-992 expressing *cry 1Ac* gene (MON-531) in the South Zone by M/s Nuziveedu Seeds Limited.**
- 1.11 Permission for commercialization of ABCH 1165 Bt and ABCH 1220 Bt expressing *cry 1Ac* (Mon 531) gene in the South Zone by M/s Amar Biotech.**
- 1.12 Permission for commercialization KDCHB 407 Bt expressing *cry 1Ac* (Mon 531 event) gene in the South Zone by M/s Krishidhan Seeds Ltd.**

1.13 Permission for commercialization of Tulasi 9 Bt expressing cry 1Ac (Mon 531 event) gene in South Zone by M/s Tulasi Seeds Pvt. Limited.

1.14 Permission for commercialization of SP 504 B1 expressing cry 1Ac (Mon 531 event) gene in South Zone by M/s Bayer Bioscience Pvt. Limited.

1.0 The recommendations of MEC/RCGM/ICAR in respect of **39 Bt cotton hybrids** as contained in the proposals at agenda 4.1 to 4.14 above expressing *cry 1Ac* gene (MON-531 event) namely 302 Bt, 113 Bt, 340 Bt and 6188 Bt by M/s Bioseeds Research India Pvt Ltd., VCH-111 by M/s Vikki Agrotech Pvt Ltd., Sigma Bt, Dyna Bt and Ole Bt by M/s Vibha Seeds (P) Ltd., Jai Bt and Akka Bt by M/s Ankur Seeds Pvt Ltd., Rudra Bt by M/s Paravardhan Seeds Ltd., ACH-21 by M/s Ajeet Seeds Ltd., KCH-135 Bt and KCH-707 Bt by M/s Kaveri Seeds Ltd., NSPL-405Bt, NSPL-36Bt, NSPL-45Bt, NSPL-999 Bt, NSPL-9 Bt and NSPL-207 Bt by M/s Nandi Seeds Pvt. Limited, PCH 930 Bt , PCH 207 Bt (PCH 205 Bt) and PCH 115 Bt South Zone by M/s Prabhat Agri-biotech Limited., NCS-950 Bt, NCS-954 Bt, NCS-957 Bt, NCS-929 Bt, NCS-138 Bt, NCHB-940 Bt, NCHB-944 Bt, NCHB-945 Bt, NCHB-990 Bt, NCHB-991 Bt and NCHB-992 by M/s Nuziveedu Seeds Limited., ABCH 1165 Bt and ABCH 1220 Bt by M/s Amar Biotech., KDCHB 407 Bt by M/s Krishidhan Seeds Ltd., Tulasi 9 Bt by M/s Tulasi Seeds Pvt. Limited and SP 504 B1 by M/s Bayer Bioscience Pvt. Limited were placed before the Committee.

2.0 The Committee noted that the MEC in its meeting held on 17.4.2007 has recommended the commercial release of 340 Bt, 6188 Bt, Sigma Bt, Dyna Bt, Ole Bt, Akka Bt, Rudra Bt, ACH-21, KCH-135 Bt, KCH-707 Bt, NSPL-405Bt, NSPL-36Bt, NSPL-999 Bt, PCH 207 Bt (PCH 205 Bt), PCH 115 Bt, NCS-950 Bt, NCS-954 Bt, NCHB-990 Bt, NCHB-992, ABCH 1165 Bt, ABCH 1220 Bt , KDCHB 407 Bt and SP 504 B1 **in the South Zone**. Subsequently, in its meeting held on 18.5.2007, MEC has recommended VCH 111, Jai BG, PCH 930 Bt, NCS 929 Bt and NCS 945 Bt for commercial release in the South Zone. The MEC has recommended the above hybrids for commercial release taking into consideration the susceptibility of the hybrids to any disease / infection yield advantage over the recently released Bt cotton hybrid in the zone and other distinct features such as fibre quality, fibre strength, fibre micronaire, duration and suitability for the agricultural practices of the region.

3.0 The Committee noted that hybrids recommended by the MEC and RCGM have completed the mandatory field testing and evaluation process as outlined in the sub Committee report on Bt cotton and related issues adopted by the GEAC in its meeting held on 30.6.2006. During the deliberations it was noted that fibre quality of NCS 945 Bt was low as compared to the other hybrids developed by the Company. The Committee, therefore, did not recommend the hybrid for commercial release.

4.0 After detailed deliberations and taking into consideration the recommendations of MEC/RCGM/ICAR, the Committee **approved** the following hybrids for commercial release in the **South Zone** for a period of three years subject to the usual conditions imposed.

A. Bt cotton hybrids expressing cry 1Ac gene (MON 531)

1. 340 Bt *cry 1Ac* (MON 531 Event).by M/s Bioseeds Research India Pvt Ltd.
2. 6188 Bt *cry 1Ac* (MON 531 Event).by M/s Bioseeds Research India Pvt Ltd.
3. VCH-111 *cry 1Ac* (MON 531 Event).by M/s Vikki Agrotech Pvt Ltd.
4. Sigma Bt *cry 1Ac* (MON 531 Event).by M/s Vibha Seeds (P) Ltd.
5. Dyna Bt *cry 1Ac* (MON 531 Event).by M/s Vibha Seeds (P) Ltd.
6. Ole Bt *cry 1Ac* (MON 531 Event).by M/s Vibha Seeds (P) Ltd.
7. Jai Bt *cry 1Ac* (MON 531 Event).by M/s Ankur Seeds Pvt Ltd.

8. Akka Bt *cry 1Ac (MON 531 Event)*.by M/s Ankur Seeds Pvt Ltd.
9. Rudra Bt *cry 1Ac (MON 531 Event)*.by M/s Paravardhan Seeds Ltd
10. ACH-21 *cry 1Ac (MON 531 Event)*.by M/s Ajeet Seeds Ltd
11. KCH-135 Bt *cry 1Ac (MON 531 Event)*.by M/s Kaveri Seeds Ltd.
12. KCH-707 Bt *cry 1Ac (MON 531 Event)*.by M/s Kaveri Seeds Ltd.
13. NSPL-405Bt *cry 1Ac (MON 531 Event)*.by M/s Nandi Seeds Pvt. Limited
14. NSPL-36Bt *cry 1Ac (MON 531 Event)*.by M/s Nandi Seeds Pvt. Limited
15. NSPL-999 Bt *cry 1Ac (MON 531 Event)*.by M/s Nandi Seeds Pvt. Limited
16. PCH 930 Bt *cry 1Ac (MON 531 Event)*.by M/s Prabhat Agri-biotech Limited.
17. PCH 207 Bt (PCH 205 Bt) *cry 1Ac (MON 531 Event)*.by M/s Prabhat Agri-biotech Limited.
18. PCH 115 Bt *cry 1Ac (MON 531 Event)*. by M/s Prabhat Agri-biotech Limited.
19. NCS-950 Bt *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited.
20. NCS-954 Bt *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited.
21. NCS-929 Bt *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited.
22. NCHB-990 Bt *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited.
23. NCHB-992 *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited.
24. ABCH 1165 Bt *cry 1Ac (MON 531 Event)*.by M/s Amar Biotech.
25. ABCH 1220 Bt *cry 1Ac (MON 531 Event)*.by M/s Amar Biotech.
26. KDCHB 407 Bt *cry 1Ac (MON 531 Event)*. by M/s Krishidhan Seeds Ltd.
27. SP 504 B1 *cry 1Ac (MON 531 Event)*.by M/s Bayer Bioscience Pvt. Limited.

5.0 The Committee noted that the MEC has not recommended the following hybrid suitable for the South zone based on the MLT/SAU/LST/ICAR trials data. The Committee therefore **rejected** the following proposals

1. 302 Bt, *cry 1Ac (MON 531 Event)*.by M/s Bioseeds Research India Pvt Ltd.,
2. 113 Bt *cry 1Ac (MON 531 Event)*.by M/s Bioseeds Research India Pvt Ltd.,
3. NSPL-45Bt, *cry 1Ac (MON 531 Event)*.by M/s Nandi Seeds Pvt. Limited,
4. NSPL-9 Bt, *cry 1Ac (MON 531 Event)*.by M/s Nandi Seeds Pvt. Limited,
5. NSPL-207 Bt *cry 1Ac (MON 531 Event)*.by M/s Nandi Seeds Pvt. Limited,
6. NCS-957 Bt, *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited,
7. NCS-138 Bt, *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited,

8. NCHB-940 Bt, *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited,
9. NCHB-944 Bt, *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited,
10. NCHB-945 Bt, *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited,
11. NCHB-991 Bt *cry 1Ac (MON 531 Event)*.by M/s Nuziveedu Seeds Limited,
12. Tulasi 9 Bt *cry 1Ac (MON 531 Event)*.by M/s Tulasi Seeds Pvt. Limited.,

B. Bt Cotton Hybrids expressing stacked genes (*cry 1Ac & cry 2Ab* (MON 15985))

- 1.15 Permission for commercialization of MRC-7160 BGII and MRC-7347 BGII expressing *cry 1Ac & cry 2Ab* genes (Mon 15985) gene in the South Zone by M/s Mahyco.**
- 1.16. Permission for commercialization NCS-145 Bt2 expressing *cry 1Ac & cry 2Ab* genes (Mon 15985) gene in the South Zone by M/s Nuziveedu Seeds Ltd.,**
- 1.17 Permission for commercialization 621 BG II and 441 BG II expressing *cry 1Ac & cry 2Ab* (Mon 15985) gene in the South Zone by M/s Krishidhan Seeds Ltd.**
- 1.18 Permission for commercialization of RCH 530 BG II, RCH 533 BG II and RCH 2 BG II expressing *cry 1Ac & cry 2Ab* genes (Mon 15985) gene in the South Zone by M/s Rasi Seeds Ltd.**
- 1.19 Permission for commercialization of ACH 33 2 (Ajeet 33 BG II) expressing *cry 1Ac & cry 2Ab* genes (Mon 15985) gene in the South Zone by M/s Ajeet Seeds Limited**

1.0 The recommendations of MEC/RCGM/ICAR in respect of **9 Bt cotton hybrids** as contained in the proposals at agenda 4.15 to 4.19 above expressing *cry 1Ac & cry 2Ab* genes (Mon 15985) gene namely MRC-7160 BGII and MRC-7347 BGII by M/s Mahyco., NCS-145 Bt2 by M/s Nuziveedu Seeds Ltd., 621 BG II and 441 BG II by M/s Krishidhan Seeds Ltd., RCH 530 BG II, RCH 533 BG II and RCH 2 BG II by M/s Rasi Seeds Ltd. , ACH 33 2 (Ajeet 33 BG II) by M/s Ajeet Seeds Limited were placed before the Committee.

2.0 The Committee noted that the MEC in its meeting held on 17.4.2007 has recommended the commercial release of MRC-7160 BGII, MRC-7347 BGII, NCS-145 Bt2, 621 BG II, RCH 530 BG II, RCH 533 BG II, RCH 2 BG II and ACH 33 – 2 in the South Zone taking into consideration the criteria listed at page 2 para 2.0 of minutes.

3.0 The Committee noted that hybrids recommended by the MEC and RCGM have completed the mandatory field testing and evaluation process as outlined in the sub Committee report on Bt cotton and related issues adopted by the GEAC in its meeting held on 30.6.2006. During the deliberations the representative of ICAR informed that 441 BG II has completed only one year of ICAR trials and not two years as indicated in the agenda notes. The ICAR trials conducted in 2004 and 2005 was with respect to 441 BG I (i.e. *cry 1Ac* (MON 531 event) and not Bollgard II (stacked genes).

4.0 After detailed deliberations and taking into consideration the recommendations of MEC/RCGM/ICAR, the Committee **approved** the following hybrids for commercial release in the **South Zone** for a period of three years subject to the usual conditions imposed.

1. MRC-7160 BGII (*cry 1Ac & cry 2Ab* (MON 15985) by M/s Mahyco.
2. MRC-7347 BGII (*cry 1Ac & cry 2Ab* (MON 15985) by M/s Mahyco.
3. NCS-145 Bt2 (*cry 1Ac & cry 2Ab* (MON 15985) by M/s Nuziveedu Seeds Ltd.,

4. 621 BG II (*cry 1Ac & cry 2Ab* (MON 15985) by M/s Krishidhan Seeds Ltd.
5. RCH 530 BG II(*cry 1Ac & cry 2Ab* (MON 15985) by M/s Rasi Seeds Ltd.
6. RCH 533 BG II (*cry 1Ac & cry 2Ab* (MON 15985) by M/s Rasi Seeds Ltd.
7. RCH 2 BG II (*cry 1Ac & cry 2Ab* (MON 15985) by M/s Rasi Seeds Ltd.
8. ACH 33 2 (Ajeet 33 BG II) (*cry 1Ac & cry 2Ab* (MON 15985)by M/s Ajeet Seeds Limited

5.0 In respect of **441 BG II** the Committee noted that MEC in its meeting held on 17.4.2007 has recommended 2nd year of LST and ICAR trials. The Committee noted that the hybrid has not completed the procedural requirement of two years of LST and ICAR trials and therefore, the **proposal does not merit consideration at this stage.**

C. Bt cotton Hybrids expressing genes (*cry 1Ab -cry 1Ac*) "GFM Cry 1A"

1.20 Permission for commercialization of Dhruv Bt (ZCH 50064) expressing (*cry 1Ab - cry 1Ac*) "GFM cry 1A" in the South Zone by M/s Zuari Seeds Ltd.

1.21 Permission for commercialization NCEH-2R Bt and Kashinath (NFHB-109) Bt expressing (*cry 1Ab -cry 1Ac*) "GFM cry 1A" in the South Zone by M/s Nath Seeds Ltd.

1.0 The recommendations of MEC/RCGM/ICAR in respect of **3 Bt cotton hybrids** as contained in the proposals at agenda 4.20 to 4.21 above expressing (***cry 1Ab -cry 1Ac***) "**GFM cry 1A**" namely Dhruv Bt (ZCH 50064) by M/s Zuari Seeds Ltd., NCEH-2R Bt by M/s Nath Seeds Ltd., Kashinath (NFHB-109) Bt by M/s Nath Seeds Ltd were placed before the Committee.

2.0 The Committee noted that the MEC in its meeting held on 17.4.2007 has recommended the commercial release Dhruv Bt (ZCH 50064), NCEH-2R Bt and Kashinath (NFHB-109) Bt in the South Zone taking into consideration the criteria listed at page 2, para 2.0.

3.0 The Committee noted that hybrids recommended by the MEC and RCGM have completed the mandatory field testing and evaluation process as outlined in the sub Committee report on Bt cotton and related issues adopted by the GEAC in its meeting held on 30.6.2006.

4.0 After detailed deliberations and taking into consideration the recommendations of MEC/RCGM/ICAR, the Committee **approved** the following hybrids for commercial release in the **South Zone** for a period of three years subject to the usual conditions imposed.

1. Dhruv Bt (ZCH 50064) (*cry 1Ab -cry 1Ac*) "GFM Cry 1A"by M/s Zuari Seeds Ltd.
2. NCEH-2R Bt (*cry 1Ab -cry 1Ac*) "GFM Cry 1A" by M/s Nath Seeds Ltd.
3. Kashinath (NFHB-109) Bt (*cry 1Ab -cry 1Ac*) "GFM Cry 1A" by M/s Nath Seeds Ltd.

D. Bt Cotton Hybrids expressing cry 1Ac (Event -1)

1.22 Permission for commercialization of JKCH-634 Bt (JK Iswar Bt) expressing cry 1Ac event 1 in the South Zone by M/s J. K. Agri Genetics Ltd.

1.0 The recommendations of MEC/RCGM/ICAR in respect of **1 Bt cotton hybrid** as contained in the proposal at agenda 4.22 above expressing **cry 1Ac (Event 1)** namely JKCH-634 Bt by M/s J. K. Agri Genetics Ltd. was placed before the Committee.

2.0 The Committee noted that the MEC in its meeting held on 17.4.2007 has recommended the commercial release JKCH-634 Bt in the South Zone taking into consideration the criteria listed at page 2, para 2.0 of minutes.

3.0 The Committee noted that hybrids recommended by the MEC and RCGM have completed the mandatory field testing and evaluation process as outlined in the sub Committee report on Bt cotton and related issues adopted by the GEAC in its meeting held on 30.6.2006.

4.0 After detailed deliberations and taking into consideration the recommendations of MEC/RCGM/ICAR, the Committee **approved** the following hybrid for commercial release in the **South Zone** for a period of three years subject to the usual conditions imposed.

1. JKCH-634 Bt (JK Iswar Bt) cry 1Ac event 1 by M/s J. K. Agri Genetics Ltd.

PROPOSALS FOR COMMERCIAL RELEASE IN CENTRAL ZONE

A. Bt Cotton Hybrids expressing cry 1Ac (MON 531 Event).

1.23 Permission for commercialization of KDCHH 51 Bt, KDCHH 786 Bt, KDCHB 407 Bt and KDCHB 5402 Bt expressing cry 1Ac (Mon 531 event) gene in Central Zone by M/s Krishidhan Seeds Limited.

1.0 The recommendations of MEC/RCGM/ICAR in respect of **4 Bt cotton hybrid** as contained in the proposal at agenda 4.23 above expressing cry 1Ac (Mon 531 event) gene namely KDCHH 51 Bt, KDCHH 786 Bt, KDCHB 407 Bt and KDCHB 5402 Bt by M/s Krishidhan Seeds Limited were placed before the Committee.

2.0 The Committee noted that the MEC in its meeting held on 17.4.2007 has recommended the commercial release KDCHH 786 Bt in the Central Zone taking into consideration the criteria listed at page 2, para 2.0 of minutes.

3.0 The Committee noted that hybrids recommended by the MEC and RCGM have completed the mandatory field testing and evaluation process as outlined in the sub Committee report on Bt cotton and related issues adopted by the GEAC in its meeting held on 30.6.2006.

4.0 After detailed deliberations and taking into consideration the recommendations of MEC/RCGM/ICAR, the Committee **approved** the following hybrid for commercial release in the **Central Zone** for a period of three years subject to the usual conditions imposed.

1. KDCHH 786 Bt cry 1Ac (MON 531 event) by M/s Krishidhan Seeds Limited.

5.0 The Committee noted that the MEC has not recommended the following hybrid suitable for the Central zone based on the MLT/SAU/LST/ICAR trials data. The Committee therefore **rejected** the following proposals

1. KDCHH 51 Bt with cry 1Ac (Mon 531 event) gene by M/s Krishidhan Seeds Limited.
2. KDCHB 407 Bt with cry 1Ac (Mon 531 event) gene by M/s Krishidhan Seeds Limited.
3. KDCHB 5402 Bt with cry 1Ac (Mon 531 event) gene by M/s Krishidhan Seeds Limited.

B. Bt Cotton Hybrids expressing stacked genes (*cry 1Ac* & *cry 2Ab* (MON 15985))

1.24 Permission for commercialization 621 BGII expressing cry 1AC & cry 2Ab (Mon 15985) gene in the Central Zone by M/s Krishidhan Seeds Ltd.

1.0 The recommendations of MEC/RCGM/ICAR in respect of **1 Bt cotton hybrid** as contained in the proposal at agenda 4.24 above expressing cry 1AC & cry 2Ab (Mon 15985) gene namely 621 BG II by M/s Krishidhan Seeds Limited was placed before the Committee.

2.0 The Committee noted that the MEC in its meeting held on 17.4.2007 has recommended the commercial release 621 BG II in the Central Zone taking into consideration the criteria listed at page 2, para 2.0 of minutes.

3.0 The Committee noted that hybrids recommended by the MEC and RCGM have completed the mandatory field testing and evaluation process as outlined in the sub Committee report on Bt cotton and related issues adopted by the GEAC in its meeting held on 30.6.2006.

4.0 After detailed deliberations and taking into consideration the recommendations of MEC/RCGM/ICAR, the Committee **approved** the following hybrid for commercial release in the **Central Zone** for a period of three years subject to the usual conditions impose

1. 621 BGII with cry 1AC & cry 2Ab (Mon 15985) gene by M/s Krishidhan Seeds Ltd.

Additional Agenda (Reconsideration cases)

PROPOSALS FOR COMMERCIAL RELEASE IN CENTRAL ZONE

Hybrids expressing *cry 1Ac* gene (MON 531 event)

1.25 Permission for commercialization of RCH-386 BG I with *cry 1Ac* gene (MON 531 event) in the Central Zone by M/s Rasi seeds (P) Ltd.

&

1.26 Permission for commercialization of SP 923 Bt (IT 923 Bt) with *cry 1Ac* gene (MON 531 event) in the Central Zone by M/s Bayer Bioscience Pvt. Ltd.

&

1.27 Permission for commercialization of 6188 Bt and 563 Bt cotton with *cry 1Ac* gene (MON 531 event) in the Central Zone by M/s Bioseeds Research India Pvt Ltd

&

1.28 Permission for commercialization of NCS-929, NCS-950 and NCS-955 cotton with *cry 1Ac* gene (MON 531 event) in the Central Zone by M/s Nuziveedu Seeds Ltd

&

1.29 Permission for commercialization of PCH 923 cotton with *cry 1Ac* gene (MON 531 event) in the Central Zone by M/s Prabhat Agribiotech Limited.

1.0 The Committee noted that the request in respect of 8 Bt cotton hybrids as contained in agenda item 4.25 to 4.29 above for commercial release and marketing of RCH-386 BG I by M/s Rasi seeds (P) Ltd; SP 923 Bt (IT 923 Bt), 6188 Bt and 563 Bt by M/s Bioseeds Research India Pvt Ltd, NCS-929, NCS-950 and NCS-955 by M/s Nuziveedu Seeds Ltd and PCH 923 by M/s Prabhat Agribiotech Limited in the Central zone was considered in the GEAC meeting held on 11.5.2007 wherein the proposal was referred back to the MEC.

2.0 The Member Secretary GEAC informed, the MEC in its subsequent meeting held on 18.5.2007 has evaluated the above proposals based on the criteria indicated at page 2, para 2.0 of minutes. The committee noted that the MEC has recommended 7 hybrids namely RCH-386 BG I, SP 923 Bt (IT 923 Bt), 6188 Bt, 563 Bt, NCS-929, NCS-955 and PCH 923 for commercial release in the Central zone .

3.0 The Committee noted that hybrids recommended by the MEC and RCGM have completed the mandatory field testing and evaluation process as outlined in the sub Committee report on Bt cotton and related issues adopted by the GEAC in its meeting held on 30.6.2006.

4.0 After detailed deliberations and taking into consideration the recommendations of MEC/RCGM/ICAR, the Committee **approved** the following hybrids for commercial release in the **Central Zone** for a period of three years subject to the usual conditions imposed.

1. RCH-386 BG I with *cry 1Ac* gene (MON 531 event) by M/s Rasi seeds (P) Ltd.
2. SP 923 Bt (IT 923 Bt) with *cry 1Ac* gene (MON 531 event) by M/s Bayer Bioscience Pvt. Ltd.
3. 6188 Bt with *cry 1Ac* gene (MON 531 event) by M/s Bioseeds Research India Pvt Ltd
4. 563 Bt with *cry 1Ac* gene (MON 531 event) by M/s Bioseeds Research India Pvt Ltd
5. NCS-929 with *cry 1Ac* gene (MON 531 event) by M/s Nuziveedu Seeds Ltd
6. NCS-955 with *cry 1Ac* gene (MON 531 event) by M/s Nuziveedu Seeds Ltd
7. PCH 923 with *cry 1Ac* gene (MON 531 event) by M/s Prabhat Agribiotech Limited.

5.0 The GEAC did not approve **NCS-950 by M/s Nuziveedu Seeds Ltd expressing *cry 1Ac*** (MON 531 event) for commercial release in the Central Zone as the MEC did not recommend the hybrid suitable for the Central zone based on the MLT/SAU/LST/ICAR trials data.

2.0 PROPOSALS FOR LARGE SCALE TRIAL IN SOUTH ZONE

A. Bt Cotton Hybrids expressing stacked genes (*cry 1Ac* & *cry 2Ab* (MON 15985))

2.1 Permission for Large Scale Trials and seed producing of BG-II of cotton hybrids NSPL-405 BG II, NSPL -36 BG II, NSPL -999 BG II, NSPL -333 BG II & NSPL -6003 BG II expressing *Cry1Ac* and *Cy2Ab* (MON 15985) for South zone by M/s Nandi Seeds Pvt. Ltd.

- 2.2 **Permission for Large Scale Trials and seed producing of of BG-II of cotton hybrids VBCH-1501 BG II, VBCH-1502 BG II VBCH-1505 BG II & VBCH-1506 BGII expressing Cry1Ac and Cy2Ab (MON 15985) in South Zone by M/s Vibha Agrotech Ltd.**
- 2.3 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid ANKUR-10122 BGII & ANKUR-5642 BGII expressing Cry1Ac and Cy2Ab (MON 15985) in South Zone by M/s Ankur Seeds Pvt. Ltd.**
- 2.4 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid VCH-602 BG II, VCH-603 BG II and VCH - 604 BG II expressing Cry1Ac and Cy2Ab (MON 15985) in South Zone by M/s Vikki`s Agrotech Pvt.Ltd.**
- 2.5 **Permission for Large Scale Trials and seed producing of BG II cotton hybrid RCH-590 BGII , RCH- 593 BGII, RCH- 596 BGII, RCHB- 711 BG II , RCHB- 717 BG II and RCHB- 720 BG II expressing Cry1Ac and Cy2Ab (MON 15985) in South Zone by M/s Rasi Seed Co. Ltd.**
- 2.6 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid NCS 851 Bt2, NCS 852 Bt2, NCS 853 Bt2 & NCS 854 Bt2 expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Nuziveedu Seeds Ltd.**
- 2.7 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid ACH-155-2, ACH 177-2, ACH 555-2 and ACH 111-2 expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Ajeet Seeds Ltd.**
- 2.8 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid ABCH-1065, ABCH-1120, ABCH-1020, ABCH-1710 expressing Cry1Ac and Cy2Ab (MON 15985) in South Zone by M/s Amar Biotech Ltd.**
- 2.9 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid GK-205 BG II and GK-217 BG II expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Ganga Kaveri Seeds Ltd.**
- 2.10 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid 9632 BG II, 9821 BGII, 407 BGII, 5402 BGII and 229 BGII expressing Cry1Ac and Cry2Ab (MON 15985) gene in South Zone by M/s Krishidhan seeds Ltd.**
- 2.11 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrid PRCH 504 BG II and PRCH 505 BG II expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Pravardhan Seeds Pvt. Ltd.**
- 2.12 **Permission for Large Scale Trials and seed production of 901- 2 Bt, 6188- 2 Bt, 113-2 Bt and 340-2 Bt expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Bio Seeds Research India Ltd.**
- 2.13 **Permission for Large Scale Trials and seed production of SP 504 B2 (Dhanno), SP-671 B2, SP 1037 B2, and SP 911 B2 (Minerva) expressing cry 1AC & cry 2Ab genes (Mon 15985) gene in South Zone by M/s Bayer Bioscience Pvt. Limited.**
- 2.14 **Permission for Large Scale Trials and seed producing of BG II of cotton hybrids MLCH- 318 BGII and MLBCH-6 BGII expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Emergent Genetics India Pvt. Ltd.**

- 2.15 Permission for Large Scale Trials and seed production VICH 5 Bt, VICH 9 Bt and VICH 15 Bt expressing Cry1Ac and Cry2Ab (MON 15985) gene in South Zone by M/s Vikram Seeds Limited.**
- 2.16 Permission for Large Scale Trials and seed production PCH 105 Bt 2, PCH 205 Bt 2 (PCH 207), PCH 2171 Bt 2 and PCH 2270 Bt 2 expressing Cry1Ac and Cry2Ab (MON 15985) gene in South Zone by M/s Prabhat Agri Biotech Limited.**
- 2.17 Permission for Large Scale Trials and seed producing of BG II of cotton hybrid NAMCOT-606 BG II, NAMCOT-607 BG II, NAMCOT-611 BG II, NAMCOT-612 BG II, NAMCOT-613 BG II, expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Namdhari Seeds Pvt.Ltd.**
- 2.18 Permission for Large Scale Trials and seed producing of BG II cotton hybrid KCH-135 Bt II, KCH-707 BG II & KCH -234 BG II expressing Cry1Ac and Cy2Ab (MON 15985) in South Zone by M/s Kaveri Seed Co. Ltd.**
- 2.19 Permission for Large Scale Trials and seed producing of BG II of cotton hybrid Tulasi 118 BGII, Tulasi 36 BGII, Tulasi 127 BGII, Tulasi 7 BGII, Tulasi 45 BGII expressing Cry1Ac and Cry2Ab (MON 15985) in South Zone by M/s Tulasi Seeds Pvt.Ltd.**

1.0 The Committee considered the request in respect of **70 Bt cotton hybrids** as contained in the proposals at agenda 5.1 to 5.19 above for large scale trials in the South zone namely NSPL-405 BG II, NSPL -36 BG II, NSPL -999 BG II, NSPL -333 BG II and NSPL -6003 BG II by M/s Nandi Seeds Pvt. Ltd., VBCH-1501 BG II, VBCH-1502 BG II, VBCH-1505 BG II and VBCH-1506 BGII by M/s Vibha Agrotech Ltd., ANKUR-10122 BGII and ANKUR-5642 BGII by M/s Ankur Seeds Pvt. Ltd., VCH-602 BG II, VCH-603 BG II and VCH - 604 BG II by M/s Vikki`s Agrotech Pvt.Ltd., RCH- 590 BGII, RCH- 593 BGII, RCH- 596 BGII, RCHB- 711 BG II, RCHB- 717 BG II and RCHB- 720 BG II by M/s Rasi Seed Co. Ltd., NCS 851 Bt2, NCS 852 Bt2, NCS 853 Bt2 and NCS 854 Bt2 by M/s Nuziveedu Seeds Ltd., ACH-155-2, ACH 177-2, ACH 555-2 and ACH 111-2 by M/s Ajeet Seeds Ltd., ABCH-1065, ABCH-1120, ABCH-1020 and ABCH-1710 by M/s Amar Biotech Ltd. , GK-205 BG II and GK-217 BG II by M/s Ganga Kaveri Seeds Ltd., 9632 BG II, 9821 BGII, 407 BGII and 5402 BGII by M/s Krishidhan seeds Ltd., PRCH 504 BG II and PRCH 505 BG II by M/s Pravardhan Seeds Pvt. Ltd., 901 2 Bt, 6188 2 Bt, 113 -2 Bt and 340-2 Bt by M/s Bio Seeds Research India Ltd., SP 504 B2 (Dhanno), SP-671 B2, and SP 1037 B2 and SP 911 B2 (Minerva) by M/s Bayer Bioscience Pvt. Limited., MLCH- 318 BGII and MLBCH-6 BGII by M/s Emergent Genetics India Pvt. Ltd., VICH 5 Bt, VICH 9 Bt and VICH 15 Bt by M/s Vikram Seeds Limited., PCH 105 Bt 2, PCH 205 Bt 2 (PCH 207) by M/s Prabhat Agri Biotech Limited., PCH 2171 Bt 2 and PCH 2270 Bt 2 by M/s Prabhat Agri Biotech Limited., NAMCOT-606 BG II, NAMCOT-607 BG II, NAMCOT-611 BG II, NAMCOT-612 BG II and NAMCOT-613 BG II by M/s Namdhari Seeds Pvt.Ltd. , KCH-135 Bt II, KCH-707 BG II and KCH -234 BG II by M/s Kaveri Seed Co. Ltd., Tulasi 118 BGII, Tulasi 36 BGII, Tulasi 127 BGII, Tulasi 7 BGII and Tulasi 45 BGII by M/s Tulasi Seeds Pvt.Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 17.4.2007. It was noted that out of 70 Bt cotton hybrids tested under multi-locational trials, MEC has recommended 43 Bt cotton hybrids for LST in the South zone. It was also noted that report of the MEC has been considered in the RCGM meeting held on 22-23.4.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the South zone.

1. NSPL-405 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Nandi Seeds Pvt. Ltd.
2. NSPL -999 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Nandi Seeds Pvt. Ltd.
3. VBCH-1501 BG II *with cry 1Ac & cry 2Ab* (MON 15985) M/s Vibha Agrotech Ltd.
4. VBCH-1505 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Vibha Agrotech Ltd.
5. VBCH-1506 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Vibha Agrotech Ltd.
6. ANKUR-10122 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Ankur Seeds Pvt. Ltd.
7. ANKUR-5642 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Ankur Seeds Pvt. Ltd.
8. VCH-602 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Vikki`s Agrotech Pvt.Ltd.
9. VCH-603 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Vikki`s Agrotech Pvt.Ltd.
10. RCH- 596 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Rasi Seed Co. Ltd.
11. RCHB- 720 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Rasi Seed Co. Ltd.
12. NCS 852 Bt2 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Nuziveedu Seeds Ltd.
13. NCS 854 Bt2 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Nuziveedu Seeds Ltd.
14. ACH 177-2 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Ajeet Seeds Ltd.
15. ACH 111-2 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Ajeet Seeds Ltd.
16. ABCH-1065 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Amar Biotech Ltd.
17. ABCH-1020 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Amar Biotech Ltd.
18. GK-205 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Ganga Kaveri Seeds Ltd.
19. GK-217 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Ganga Kaveri Seeds Ltd.
20. 9632 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Krishidhan seeds Ltd.
21. 407 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Krishidhan seeds Ltd.
22. PRCH 504 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Pravardhan Seeds Pvt. Ltd.
23. PRCH 505 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Pravardhan Seeds Pvt. Ltd.
24. 901 2 Bt *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Bio Seeds Research India Ltd.
25. 6188 2 Bt *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Bio Seeds Research India Ltd.
26. 113 – 2 Bt *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Bio Seeds Research India Ltd.

27. 340 – 2 Bt *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Bio Seeds Research India Ltd.
28. SP 504 B2 (Dhanno) *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Bayer Bioscience Pvt. Limited.
29. SP 1037 B2 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Bayer Bioscience Pvt. Limited.
30. SP 911 B2 (Minerva) *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Bayer Bioscience Pvt. Limited.
31. MLCH- 318 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Emergent Genetics India Pvt. Ltd.
32. MLBCH-6 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Emergent Genetics India Pvt. Ltd.
33. VICH 5 Bt *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Vikram Seeds Limited.
34. VICH 15 Bt *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Vikram Seeds Limited.
35. PCH 105 Bt 2 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Prabhat Agri Biotech Limited.
36. PCH 2270 Bt 2 *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Prabhat Agri Biotech Limited.
37. NAMCOT-607 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Namdhari Seeds Pvt.Ltd.
38. NAMCOT-612 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Namdhari Seeds Pvt.Ltd.
39. KCH-135 Bt II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Kaveri Seed Co. Ltd.
40. KCH-707 BG II *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Kaveri Seed Co. Ltd.
41. Tulasi 118 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Tulasi Seeds Pvt.Ltd.
42. Tulasi 127 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Tulasi Seeds Pvt.Ltd.
43. Tulasi 7 BGII *with cry 1Ac & cry 2Ab* (MON 15985) by M/s Tulasi Seeds Pvt.Ltd.

4.0 The GEAC did not approve NSPL -36 BG II, NSPL -333 BG II, NSPL -6003 BG, VBCH-1502 BG II, VCH - 604 BG II, RCH- 590 BGII, RCH- 593 BGII, RCHB- 711 BG II, RCHB- 717 BG II, NCS 851 Bt2, NCS 853 Bt2, ACH-155-2, ACH 555-2, ABCH-1120, ABCH-1710, 9821 BGII, 5402 BGII, SP-671 B2, MLCH- 317 BG II, VICH 9 Bt, PCH 205 Bt 2 (PCH 207), PCH 2171 Bt 2 , NAMCOT-606 BG II, NAMCOT-611 BG II, NAMCOT-613 BG II , KCH -234 BG II , Tulasi 36 BGII and Tulasi 45 BGII expressing cry 1 Ac and cry 2 Ab (MON 15985) gene as the MEC did not recommend the hybrids suitable for the South zone based on the MLT and case verification data.

B. Bt cotton Hybrids expressing genes (*cry 1Ab -cry 1Ac*) "GFM Cry 1A"

- 2.20 Permission for Large Scale Trials and seed production of cotton hybrid of NCEH-23 NCEH-13 NCEH- 29 and NCEH-34 expressing (Cry 1 Ab – Cry Ac) "GFM Cry 1A" gene in the South Zone by M/s Nath Seeds Ltd.**
- 2.21 Permission for Large Scale Trials of cotton hybrid of Yashoda -751 Bt and Monsoon Bt expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the South Zone by M/s Yashoda Hybrids Seeds Ltd.**
- 2.22 Permission for Large Scale Trials and seed production of cotton hybrid of ZCH-50072 Bt , ZCH-50012 Bt and ZCH-50007 expressing (Cry 1 Ab – Cry Ac) "GFM Cry 1A" gene in the South Zone by M/s Zuari Seeds Ltd**
- 2.23 Permission for Large Scale Trials of cotton hybrid of UPLHH-5 Bt and UPLHH-12 Bt expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the South Zone by M/s Uniphos Enterprises.**
- 2.24 Permission for Large Scale Trials and seed production of cotton hybrid of GBCH 03 and GBCH 04 expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the South Zone by M/s Green Gold Seeds Ltd.**

1.0 The Committee considered the request in respect of **13 Bt cotton hybrids** as contained in the proposals at agenda 5.20 to 5.24 above for large scale trials in the South zone namely NCEH-23, NCEH-13, NCEH- 29 and NCEH-34 by M/s Nath Seeds Ltd., Yashoda -751 Bt and Monsoon Bt by M/s Yashoda Hybrids Seeds Ltd., ZCH-50072 Bt, ZCH-50012 Bt and ZCH-50007 by M/s Zuari Seeds Ltd, UPLHH-5 Bt and UPLHH-12 Bt by M/s Uniphos Enterprises., GBCH 03 and GBCH 04 by M/s Green Gold Seeds Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 17.4.2007. It was noted that out of the 13 Bt cotton hybrids tested under multi-locational trials, MEC has recommended 10 Bt cotton hybrids for LST in the South zone. It was also noted that report of the MEC has been considered in the RCGM meeting held on 22-23.4.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the South zone.

1. NCEH-23 with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Nath Seeds Ltd.
2. NCEH- 29 with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Nath Seeds Ltd.
3. NCEH-34 with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Nath Seeds Ltd.
4. Monsoon Bt with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Yashoda Hybrids Seeds Ltd.
5. ZCH-50072 Bt with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Zuari Seeds Ltd

6. ZCH-50007 with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Zuari Seeds Ltd
7. UPLHH-5 Bt with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Uniphos Enterprises.
8. UPLHH-12 Bt with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Uniphos Enterprises.
9. GBCH 03 with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Green Gold Seeds Ltd.
10. GBCH 04 with Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Green Gold Seeds Ltd.

B. The GEAC did not approve, NCEH-13, Yashoda -751 Bt and ZCH-50012 Bt expressing genes (*cry 1Ab -cry 1Ac*) "GFM Cry 1A" as the MEC did not recommend the hybrids suitable for the South zone based on the MLT and case verification data.

C. Bt Cotton Hybrids expressing cry 1Ac (Event -1)

2.25 Permission for Large Scale Trials of cotton hybrid of JK-Indra Bt, JKCH-2245 Bt, JKCH-2004 Bt, JK Varun Bt, JKCH 2253 Bt, JKCHB 5 Bt, JKCHB-229 Bt , JKCHB 212 Bt and JKCHB-2250 Bt expressing cry 1Ac (Event – 1) gene in the South Zone by M/s. J. K. Agri Genetics Ltd.

1.0 The Committee considered the request in respect of **9 Bt cotton hybrids** as contained in the proposals at agenda 5.25 above for large scale trials in the South zone namely JK-Indra Bt, JKCH-2245 Bt, JKCH-2004 Bt, JK Varun Bt, JKCH 2253 Bt, JKCHB 5 Bt, JKCHB-229 Bt, JKCHB 212 Bt and JKCHB-2250 Bt by M/s. J. K. Agri Genetics Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 17.4.2007. It was noted that out of the 9 Bt cotton hybrids tested under multi-locational trials, MEC has recommended 4 Bt cotton hybrids for LST in the South zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 22-23.4.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the South zone.

1. JK-Indra Bt with cry 1 Ac (Event 1) gene by M/s. J. K. Agri Genetics Ltd.
2. JKCH-2245 Bt with cry 1 Ac (Event 1) gene by M/s. J. K. Agri Genetics Ltd.
3. JKCHB 5 Bt with cry 1 Ac (Event 1) gene by M/s. J. K. Agri Genetics Ltd.
4. JKCHB-229 Bt with cry 1 Ac (Event 1) gene by M/s. J. K. Agri Genetics Ltd.

B. The GEAC did not approve, JKCH-2004 Bt, JK Varun Bt, JKCH 2253 Bt, JKCHB 212 Bt and JKCHB-2250 Bt expressing cry 1Ac (Event -1) as the MEC did not recommend the hybrids suitable for the South zone based on the MLT and case verification data

PROPOSALS FOR LARGE SCALE TRIAL IN CENTRAL ZONE

A. Bt Cotton Hybrids expressing stacked genes (*cry 1Ac & cry 2Ab* (MON 15985))

- 2.26 Permission for Large Scale Trials and seed producing of BG-II of cotton hybrids PRCH-31 BG II, PRCH-504 BG II and PRCH-505 BGII expressing Cry1Ac and Cry2Ab (MON 15985) for Central zone by Paravardhan Seeds Pvt. Ltd
- 2.27 Permission for Large Scale Trials and seed producing of BG II of cotton hybrids MLCH- 317 BGII, EGCH-1423 BGII and MLCH-6 BGII expressing Cry1Ac and Cry2Ab (MON 15985) in Central Zone by M/s Emergent Genetics India Pvt. Ltd.
- 2.28 Permission for Large Scale Trials and seed producing of BG II of cotton hybrids ACH-177- 2 and ACH 111-2 and ACH 555-2 expressing Cry1Ac and Cry2Ab (MON 15985 in Central Zone by M/s Ajeet Seeds.
- 2.29 Permission for Large Scale Trials and seed producing of BG II of cotton hybrids KDCHH- 9632, KDCHH 9821 BG II, KDCHB 407 BG II and KDCH 5402 BG II expressing Cry1Ac and Cry2Ab (MON 15985 in Central Zone by M/s Krishidhan Seeds
- 2.30 Permission for Large Scale Trials and seed producing of BG II of cotton hybrids NSPL-405 Bt, NSPL-36 Bt, NSPL-9 Bt, NSPL-999 Bt, NSPL-333 Bt expressing Cry1Ac and Cry2Ab (MON 15985 in Central Zone by M/s Nandi Seeds Pvt. Ltd.
- 2.31 Permission for Large Scale Trials and seed producing of BG II of cotton hybrids PCH 205 (PCH 207) BG II, PCH 2171 BG II and PCH 2270 BG II expressing Cry1Ac and Cry2Ab (MON 15985 in Central Zone by M/s Prabhat Agri Biotech Ltd.
- 2.32 Permission for Large Scale Trials and seed producing of BG II of cotton hybrid ABCH-1065, ABCH-1120, ABCH-1020 and ABCH-1710 expressing Cry1Ac and Cy2Ab (MON 15985) in Central Zone by M/s Amar Biotech Ltd.
- 2.33 Permission for Large Scale Trials and seed producing of BG II of cotton hybrids 901-2 BG, 6188-2 BG, 311-2 BG, 110-2 BG, 111-2 BG and 195-2 BG expressing Cry1Ac and Cry2Ab (MON 15985) in Central Zone by M/s Bioseeds Research.
- 2.34 Permission for Large Scale Trials and seed production of SP 499 B2 (Goldmine), SP 502 B2 (Dhanno, SP 1037 B2 and SP 904 B2 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene in Central Zone by M/s Bayer Bioscience Pvt. Limited.

1.0 The Committee considered the request in respect of 35 Bt cotton hybrids as contained in the proposals at agenda 5.26 to 5.34 above for large scale trials in the Central zone namely PRCH-31 BG II, PRCH-504 BG II and PRCH-505 BGII by Paravardhan Seeds Pvt. Ltd., MLCH- 317 BGII, EGCH-1423 BGII and MLBCH-6 BGII by M/s Emergent Genetics India Pvt. Ltd., ACH-177- 2, ACH 111-2 and ACH 555-2 by M/s Ajeet Seeds., KDCHH- 9632, KDCHH 9821 BG II, KDCHB 407 BG II and KDCH 5402 BG II by M/s Krishidhan Seeds Ltd., NSPL-405 Bt, NSPL-36 Bt, NSPL-9 Bt, NSPL-999 Bt and NSPL-333 Bt by M/s Nandi Seeds Pvt. Ltd., PCH 205 (PCH 207) BG II, PCH 2171 BG II and PCH 2270 BG II by M/s Prabhat Agri Biotech Ltd., ABCH-1065, ABCH-1120, ABCH-1020 and ABCH-1710 by M/s Amar Biotech Ltd., 901-2 BG, 6188-2 BG, 311-2 BG, 110-2 BG, 111-2 BG and 195-2 BG by M/s Bioseeds Research., SP 499 B2 (Goldmine), SP 504 B2 (Dhanno), SP 1037 B2 and SP 904 B2 by M/s Bayer Bioscience Pvt. Limited.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in

the MEC meeting held on 8-9.3.2007. It was noted that out of the 35 Bt cotton hybrids tested under multi-locational trials, MEC has recommended 20 Bt cotton hybrids for LST in the Central zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 28.3.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the Central zone.

1. PRCH-31 BG II expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by Paravardhan Seeds Pvt. Ltd
2. PRCH-504 BG II expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by Paravardhan Seeds Pvt. Ltd
3. PRCH-505 BGII expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by Paravardhan Seeds Pvt. Ltd
4. MLCH- 317 BGII expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Emergent Genetics India Pvt. Ltd.
5. MLBCH-6 BGII expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Emergent Genetics India Pvt. Ltd.
6. ACH-177- 2 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Ajeet Seeds.
7. ACH 111-2 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Ajeet Seeds
8. KDCHH- 9632 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Krishidhan Seeds
9. NSPL-405 Bt expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Nandi Seeds Pvt. Ltd
10. NSPL-36 Bt expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Nandi Seeds Pvt. Ltd
11. NSPL-999 Bt expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Nandi Seeds Pvt. Ltd
12. PCH 205 (PCH 207) BG II expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Prabhat Agri Biotech Ltd.
13. PCH 2171 BG II expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Prabhat Agri Biotech Ltd.
14. ABCH-1065 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Amar Biotech Ltd.
15. ABCH-1020 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Amar Biotech Ltd.

16. 311-2 BG expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Bioseeds Research.
17. SP 499 B2 (Goldmine) expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Bayer Bioscience Pvt. Limited.
18. SP 504 B2 (Dhanno) expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Bayer Bioscience Pvt. Limited.
19. SP 1037 B2 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Bayer Bioscience Pvt. Limited.
20. SP 904 B2 expressing cry 1AC & cry 2Ab genes (Mon 15985) gene by M/s Bayer Bioscience Pvt. Limited.

B. The GEAC did not approve, EGCH-1423 BGII, ACH 555-2, KDCHH 9821 BG II, KDCHB 407 BG II , KDCHH 5402 BG II, NSPL-9 Bt , NSPL-333 Bt, PCH 2270 BG II, ABCH-1120, ABCH-1710 901-2, 6188-2 BG, 110-2 BG, 111-2 BG, 195-2 BG expressing cry 1AC & cry 2Ab genes (Mon 15985) gene as the MEC did not recommend the hybrids suitable for the Central zone based on the MLT and case verification data

B. Bt cotton Hybrids expressing genes (*cry 1Ab -cry 1Ac*) "GFM Cry 1A"

- 2.35 Permission for Large Scale Trials and seed production of cotton hybrid of NCEH-23, NCEH- 14, NCEH-21 and NCEH-34 expressing (Cry 1 Ab – Cry Ac) "GFM Cry 1A" gene in the Central Zone by M/s Nath Seeds Ltd.**
- 2.36 Permission for Large Scale Trials of cotton hybrid of UPLHH-1 Bt, UPLHH-2 Bt, UPLHH-6 Bt and UPLHH-10 Bt expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the Central Zone by M/s Uniphos Enterprises.**
- 2.37 Permission for Large Scale Trials of cotton hybrid of ACH 1019 Bt expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the Central Zone by M/s Navkar Seeds Pvt Ltd**
- 2.38 Permission for Large Scale Trials of cotton hybrid of SBCH 286 Bt, SBCH 290 Bt and SBCH 292 Bt expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the Central Zone by M/s Safal Seeds & Biotech Ltd..**

1.0 The Committee considered the request in respect of **12 Bt cotton hybrids** as contained in the proposals at agenda 5.35 to 5.38 above for large scale trials in the Central zone namely NCEH-23, NCEH-14, NCEH-21 and NCEH-34 by M/s Nath Seeds Ltd., UPLHH-1 Bt, UPLHH-2 Bt, UPLHH-6 Bt and UPLHH-10 Bt by M/s Uniphos Enterprises., ACH 1019 Bt by M/s Navkar Seeds Pvt Ltd., SBCH 286 Bt, SBCH 290 Bt and SBCH 292 Bt by M/s Safal Seeds & Biotech Ltd..

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 8-9.3.2007. It was noted that out of the 12 Bt cotton hybrids tested under multi-locational trials, MEC has recommended 8 Bt cotton hybrids for LST in the Central zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 28.3.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the Central zone.

1. NCEH-23 with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Nath Seeds Ltd.
2. NCEH-21 with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Nath Seeds Ltd.
3. NCEH-34 with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Nath Seeds Ltd.
4. UPLHH-1 Bt with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Uniphos Enterprises.
5. UPLHH-2 Bt with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Uniphos Enterprises.
6. UPLHH-10 Bt with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Uniphos Enterprises.
7. ACH 1019 Bt with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Navkar Seeds Pvt Ltd
8. SBCH 286 Bt with (**cry 1 Ab – Cry 1Ac**) "**GFM Cry 1A gene** by M/s Safal Seeds & Biotech Ltd.

B. The GEAC did not approve, NCEH- 14, UPLHH-6 Bt, SBCH 290 Bt, SBCH 292 Bt, expressing *cry 1Ab -cry 1Ac*) "**GFM Cry 1A**" as the MEC did not recommend the hybrids suitable for the Central zone based on the MLT and case verification data

C. Bt cotton hybrid expressing cry 1Ac (Event 1)

2.39 Permission for Large Scale Trials of cotton hybrid of JK – Durga Bt, JK-Indra Bt, JK-Gowri Bt, JKCH-2245 Bt, JKCH-2022 Bt, JKCH 2301 Bt, H-8 Bt, JK-Chamundi Bt, JKCHB-229 Bt , JKCHB 212 Bt and JKCHB-2250 Bt expressing cry 1Ac (Event – 1) gene in the Central Zone by M/s. J. K. Agri Genetics Ltd.

1.0 The Committee considered the request in respect of **11 Bt cotton** hybrids as contained in the proposals at agenda 5.39 above for large scale trials in the Central zone namely JK – Durga Bt, JK-Indra Bt, JK-Gowri Bt, JKCH-2245 Bt, JKCH-2022 Bt, JKCH 2301 Bt, H-8 Bt, JK-Chamundi Bt, JKCHB-229 Bt, JKCHB 212 Bt and JKCHB-2250 Bt by M/s. J. K. Agri Genetics Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 8-9.3.2007. It was noted that out of the 11 Bt cotton hybrids tested under multi-locational trials, MEC has recommended 5 Bt cotton hybrids for LST in the Central zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 28.3.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the Central zone.

1. JK – Durga Bt with cry 1Ac (Event 1) by M/s. J. K. Agri Genetics Ltd.
2. JK-Indra Bt with cry 1Ac (Event 1) by M/s. J. K. Agri Genetics Ltd.
3. JK-Gowri Bt with cry 1Ac (Event 1) by M/s. J. K. Agri Genetics Ltd.
4. JK-Chamundi Bt with cry 1Ac (Event 1) by M/s. J. K. Agri Genetics Ltd.
5. JKCHB-229 Bt with cry 1Ac (Event 1) by M/s. J. K. Agri Genetics Ltd.

B. The GEAC did not approve, JKCH-2245 Bt, JKCH-2022 Bt, JKCH 2301 Bt, H-8 Bt, JKCHB 212 Bt and JKCHB-2250 Bt expressing cry 1Ac (Event 1) as the MEC did not recommend the hybrids suitable for the Central zone based on the MLT and case verification data

PROPOSALS FOR LARGE SCALE TRIALS IN NORTH ZONE

A. Bt Cotton Hybrids expressing stacked genes (*cry 1Ac & cry 2Ab* (MON 15985))

2.40 Permission for Large Scale Trials and seed producing of BG-II cotton hybrids SP-499 B2 (Goldmine) and SP 504 B2 (Dhanno) expressing Cry1Ac and Cry2Ab (MON 15985) for North zone by M/s Bayer Biosciences Pvt. Ltd.

1.0 The Committee considered the request in respect of **2 Bt cotton** hybrids as contained in the proposals at agenda 5.40 above for large scale trials in the North zone namely SP-499 B2 (Goldmine), SP 504 B2 (Dhanno) expressing cry 1Ac and cry 2AB (MON 15985) gene by M/s Bayer Biosciences Pvt. Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results evaluated in the MEC meeting held on 22-23.1.2007. It was noted that out of the 2 Bt cotton hybrids tested under multi-locational trials, MEC has recommended only 1 Bt cotton hybrids for LST in the North zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 31.1.2007. The RCGM has endorsed the recommendations of MEC. During the deliberations, the Committee noted that the sowing season for North zone is over. The representative of ICAR further informed that the ICAR trials for the North Zone have been completed and no new entries can be accepted at this stage. The Committee was also of the view that the large scale trials should be conducted in tandem with the ICAR trials.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC approved SP-499 B2 (Goldmine) for large scale trials and ICAR trials in tandem in the North zone.

B. The GEAC did not approve SP 504 B2 (Dhanno), expressing cry 1Ac and cry 2Ab (MON 15985) gene as the MEC did not recommend the hybrids suitable for the North zone based on the MLT and case verification data

Additional Agenda

PROPOSALS FOR LARGE SCALE TRIALS IN CENTRAL ZONE

Ã. Bt Cotton Hybrids expressing stacked genes (*cry 1Ac* & *cry 2Ab* (MON 15985))

2.41 Permission for Large Scale Trials and seed producing of BG II of cotton hybrid NCS 851 Bt2, NCS 852 Bt2, NCS 853 Bt2 & NCS 854 Bt2 expressing Cry1Ac and Cry2Ab (MON 15985) in Central Zone by M/s Nuziveedu Seeds Ltd.

1.0 The Committee considered the request in respect of **4 Bt cotton** hybrids as contained in the proposals at agenda 5.41 above for large scale trials in the Central zone namely NCS 851 Bt2, NCS 852 Bt2, NCS 853 Bt2 & NCS 854 Bt2 expressing cry 1Ac and cry 2AB (MON 15985) gene by M/s Bayer Biosciences Pvt. Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 8-9.3.2007. It was noted that out of the 4 Bt cotton hybrids tested under multi-locational trials, MEC has recommended 2 Bt cotton hybrids for LST in the Central zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 28.3.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the Central zone.

1. NCS 853 Bt2 expressing Cry1Ac and Cry2Ab (MON 15985) by M/s Nuziveedu Seeds Ltd.
2. NCS 854 Bt2 expressing Cry1Ac and Cry2Ab (MON 15985) by M/s Nuziveedu Seeds Ltd.

B. The GEAC did not approve NCS 851 Bt2 and NCS 852 Bt2 expressing cry 1Ac and cry 2AB (MON 15985) gene by M/s Nuziveedu Seeds Ltd as the MEC did not recommend the hybrids suitable for the Central zone based on the MLT and case verification data

PROPOSALS FOR LARGE SCALE TRIALS IN SOUTH ZONE

B. Bt cotton Hybrids expressing genes (*cry 1Ab -cry 1Ac*) "GFM Cry 1A"

2.42 Permission for Large Scale Trials and seed production of cotton hybrid of SBCH 284 and SBCH 292 expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the South Zone by M/s Safal Seeds and Biotech Ltd.

1.0 The Committee considered the request in respect of **2 Bt cotton** hybrids as contained in the proposals at agenda 5.42 above for large scale trials in the South zone namely SBCH 284 and SBCH 292 expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene in the South Zone by M/s Safal Seeds and Biotech Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 17.4.2007. It was noted that out of the 2 Bt cotton hybrids tested under multi-locational trials, MEC has recommended both the hybrids for LST in the South zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 22-23.4.2007. The RCGM has endorsed the recommendations of MEC.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC found the following hybrids suitable for large scale trials in the South zone.

1. SBCH 284 expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Safal Seeds and Biotech Ltd.
2. SBCH 292 expressing (Cry 1 Ab – Cry 1Ac) "GFM Cry 1A gene by M/s Safal Seeds and Biotech Ltd.

PROPOSALS FOR LARGE SCALE TRIALS IN NORTH ZONE

C. Bt Cotton Hybrids expressing cry 1Ac (Event -1)

2.43 Permission for Large Scale Trials and seed production of cotton hybrid of JKCH-226Bt expressing cry 1Ac (Event -1) in the North Zone by M/s JK Agri genetics Ltd.

1.0 The Committee considered the request in respect of 1 Bt cotton hybrids as contained in the proposals at agenda 5.43 above for large scale trials in the North zone namely JKCH-226Bt expressing cry 1Ac (Event -1) in the North Zone by M/s JK Agri genetics Ltd.

2.0 The Committee noted that the above mentioned hybrids have completed the multi-locational field trials under RCGM. The field trials have been evaluated by the MEC and the results discussed in the MEC meeting held on 22-23.1.2007. It was noted that MEC has recommended JKCH 226 Bt for LST in the North zone. It was also noted that the report of the MEC has been considered in the RCGM meeting held on 31.1.2007. The RCGM has endorsed the recommendations of MEC. During the deliberations, the Committee noted that the sowing season for North zone is over. It was also noted that the hybrid has been tested in the ICAR trials during 2004 and 2005 whereas the LST is likely to be completed only during Kharif, 2007 or 2008. The Committee was therefore, of the view that the ICAR trials should be repeated for at least one year in tandem with the large scale trials.

3.0 After detailed deliberations and taking into consideration the findings of the multi-location trials and recommendations made by MEC and RCGM the following decisions were taken:

A. The GEAC approved JKCH-226Bt for large scale trials and ICAR trials in tandem in the North zone.

2.44 Renewal of GEAC Permission for Large Scale Trials and seed producing of BG-II cotton hybrid ACH-155-2 expressing Cry1Ac and Cry2Ab (MON 15985) for North zone and South Zone by M/s Ajeet Seeds Ltd.

1.0 The Committee noted that the GEAC in its meeting held on 4.4.2006 had approved conduct of large scale field trials with ACH-155-2 expressing cry 1Ac and cry 2Ab (MON 15985) genes in the North and South Zones. As the approval for LST is valid only for Kharif 2006, the applicant has requested the GEAC to renew its earlier permission and allow conduct of LST and ICAR trials in the North and South Zones during Kharif 2007 season.

2.0 The Committee approved the request for renewal of the GEAC permission dated 9.6.2006 for conduct of LST with ACH-155-2 in the North and South Zones during Kharif 2007.

3.0 Other Items:

3.1 Report of the Directorate of Animal Husbandry, Government of Andhra Pradesh regarding mortality of sheep after grazing on Bt cotton field in Andhra Pradesh.

1.0 The Member Secretary informed the Committee that in accordance with the decision taken in the GEAC meeting held on 14.3.2007, the Ministry has constituted a Scientific Investigation Committee comprising of the following members to examine reports received from NGOs regarding sheep mortality in Warangal and Adilabad District in Andhra Pradesh due to consumption of Bt cotton leaves:

- a) Dr SPS Ahlawat, Director, Indian Veterinary Research Institute - Chairman
- b) Dr. K. Somasekhar Reddy, Associate Dean, College of Veterinary, Rajendranagar, Hyderabad - Member
- c) Mr. Y. Thirupathaiah, Jt. Director of Animal Husbandry, Seetharampet, Mallepally, R.R. Dist Hyderabad. - Member
- d) Dr Chenga Reddy, Cotton Research Station, Lam Farm, Guntur - Member
- e) Dr. K. K. Tripathi, Adviser and Member Secretary, RCGM, DBT - Convener

2.0 The Committee considered the report received from Directorate of Animal Husbandry, AP wherein it is informed that Bt cotton samples have been analyzed from four laboratories for presence of possible toxins and their ill effects in animals.

3.0 The Committee requested the Member Secretary to forward the report of the Directorate of Animal Husbandry, AP to the members of the Scientific Investigation Committee constituted by the Ministry for their comments. The Committee desired that the views received from the experts may be placed before the GEAC in the next meeting.

3.2 Intimation in respect of Brand name for the Bt cotton hybrids seed in North Zone

1.0 The Member-Secretary informed the Committee that the following companies propose to market the Bt cotton seeds approved for commercial release under the brand name indicated in the table below:

Name of the Company	Hybrid	Brand name	Zone
M/s Vibha Agrotech Ltd	Ole Bt	Cot 33	North
	VBCH 1009	Hero Bt	Central
	VBCH 1010	Grace Bt	Central
M/s Nandi Seeds Pvt. Ltd.	SDS 9	Manik Bt	North
	SDS 1368 Bt	OM-333	North
M/s Amar Biotech Ltd.	ABCH 1165 Bt	OM 33	Central

2.0 The Committee noted that the above issue was earlier considered in the GEAC meeting held on 1.6.2006 wherein the Committee conveyed its no objection subject to the following conditions:

- A. The name/number of the hybrid as approved by the GEAC should be prominently displayed on the label and the trade name may be indicated in parenthesis.
- B. The parent Company who has obtained the approval of GEAC would be liable for any violation or misinformation under the provisions of EPA /Seed Act.
- C. In future, the Companies may indicate the different brand names under which they propose to sell the Bt cotton seeds in their original application itself.
- D. The matter being a State subject, the State Govt may take a final view on the issue taking into cognizance the provisions of the Trade Mark Act.

3.0 The Committee reiterated its earlier decision.
