

**DEPARTMENT OF AGRICULTURE
REPUBLIC OF INDONESIA**

**DECREE OF MINISTER OF AGRICULTURE
NO:03/Kpts/KB.430/1/2002**

**REGARDI NG
LIMITED RELEASE TRANSGENIC COTTON Bt DP 5690B
AS SUPERIOR VARIETY UNDER THE NAMA OF NuCOTN 35B
(BOLLGARD)
AS HAS BEEN STATED IN MINISTER AGRICULTURE DECREE
NO 107/Kpts/KB.430/2/2001
MINISTER OF AGRICULTURE,**

Considering :

- a. Evaluation of transgenic cotton planting season 2001 regarding assessment of environmental risk analysis, yield, resistance to pest, and socio-economic impact it was proven that transgenic cotton is safe to the environment, had high productivity, resistant to pest and beneficial to cotton farmers in South Sulawesi
- b. South Sulawesi farmers who are members of association of Cotton Farmers in Indonesia (APEKINDO) requested continuation of planting of transgenic cotton Bt in planting season year 2002
- c. Based on the above a and b points it was deemed necessary to continue the limited release of transgenic cotton Bt DP5690B as superior variety in South Sulawesi in Takalar, Gowa, Bantaeng, Bulukumba, Bone, Soppeng, and Wajo regencies
- d. Based on all the matters mentioned above it was considered important to continue the limited release of transgenic cotton Bt DP5690B as a superior variety under the name of NuCOTN 35B (Bollgard) as has been stated in the Minister of Agriculture Decree No 107/Kpts/KB.430/2/2001 for the planting season year 2002.

Bearing in mind:

1. Law No 12 year 1992 on Plant Cultivation System (State Gazette year 1996 No 46, Addendum State Gazette No 3478)
2. Law No 23 year 1997 on Environment Management (State Gazette year 1997 No 68, Addendum State Gazette No 3699)
3. Government Regulation No 44 year 1995 on Plant Seed Production (State Gazette year 1995 No 85, Addendum State Gazette No 3616)
4. Government Regulation No 27 year 1999 on Environment Risk Assessment (State Gazette year 1999 No 59, Addendum 3838)
5. President Decree No 27 year 1971 on National Seed Agency
6. President Decree No 102 year 2001 on The status, task, function, authority, organization structure and work system of a governmental Department.
7. President Decree No 109 year 2001 on Organization Unit and Task of Departmental Echelon

8. President Decree No 228/M year 2001 on Development of Gotong Royong cabinet
9. Minister of Agriculture Decree No 11/1971 on the Organization Structure, Job Description, and Work System of National Seed Agency
10. Minister of Agriculture Decree No 53/Kpts/KP.150/-5/1995 on Variety Assessment and Release Team jo Minister of Agriculture Decree No 900/Kpts/KP.150/-11/1998 on the revision of the membership of variety assessment and release team
11. Minister of Agriculture Decree No 902/Kpts/TP.240/-12/96 juncto Minister of Agriculture Decree No 737/Kpts/TP.240/1998 on 737/Kpts/TP.240/1998 on Variety Testing, Assessment and Release.
12. Minister of Agriculture Decree No 1017/Kpts/TP.120/98 on the permit to produce seed, seed import permit and seed release
13. Joint Ministers of Agriculture, Forestry and Estate Crops, Health, and Food and Horticulture, No 998/Kpts/OT.210/9/99, 790.a/Kpts-IX/1999, 1145A/MENKES/SKB/IX/1999, 015/meneg PHOR/09/1999, on Biosafety and Foodsafety of Agriculture Products Derived from Genetic Engineering Process.
14. Minister of Agriculture Decree No 01/Kpts/OT.210/2001 on the Organization and Work System of Department of Agriculture
15. Minister of Agriculture Decree No 99/Kpts/OT.210/2001 on the Completeness of Organization and Work System of Department of Agriculture
16. Minister of Agriculture Decree No 305/Kpts/KP.150/5/2001 on the Development of Transgenic Cotton Monitoring Team

Observing

1. Letter from the Deputy of Environment Degradation Control No B2334/Dep.III/09/2001 dated 3 Sept 2001 on the report of field monitoring activity and transgenic cotton discussion in South Sulawesi
2. Letter from the Deputy of Environment Degradation Control No B2900/Dep.III/09/2001 dated 22 Oct 2001 on the report of scientific discussion II
3. Letter from Director General of Plantation to Minister of Agriculture No RC.210/831/Dj.Bun.2/XI/2001 dated 27 November 2001 on the next step of transgenic cotton planting during planting season year 2001 in South Sulawesi during Scientific Discussion II
4. Result of discussion forum of association of Cotton Farmers in Indonesia (APEKINDO) in South Sulawesi dated 3 December 2001 in Makassar
5. Letter from Director General of Plantation to Minister of Agriculture No RC.210/853/Dj.Bun.2/XI/2001 dated 13 December 2001 on the meeting result of policy development of transgenic cotton planting season year 2002 in South Sulawesi dated 3 December 2001 in Makassar
6. Letter from the Deputy of Environment Degradation Control No B3425/Dep.III/12/2001 dated 13 Dec 2001 on the response to Draft Decree on Limited Release

DECIDES

To state:

DECREE OF MINISTER OF AGRICULTURE ON THE CONTINUATION OF LIMITED RELEASE TRANSGENIC COTTON Bt DP 5690B AS SUPERIOR VARIETY UNDER THE NAMA OF NuCOTN 35B (BOLLGARD) AS HAS BEEN STATED IN MINISTER AGRICULTURE DECREE NO 107/Kpts/KB.430/2/2001 DURING PLANTING SEASON YEAR 2001

FIRST: To continue the release on limited basis transgenic cotton Bt DP 5690B as superior variety under the name NuCOTN 35B (BOLLGARD) as has been stated in the Minister of Agriculture Decree No 107/Kpts/KB.430/2/200 with certain condition.

SECOND: The release as stated in the FIRST statement is valid for 1 year since this decree is issued and to be utilized by farmers in 9 regencies, namely Takalar, Gowa, Bantaeng, Bulukumba, Bone, Soppeng, Wajo, Jeneponto and Sinjai regencies, South Sulawesi Province

THIRD: The condition as stated in the FIRST statement includes:

- a) the release of transgenic cotton Bt DP 5690B as superior variety under the name NuCOTN 35B (BOLLGARD) will be re evaluated based on new data and information
- b) planting of transgenic cotton Bt DP 5690B as superior variety under the name NuCOTN 35B (BOLLGARD) in other areas other than those regencies stated in the SECOND statement
- c) the planting of utilization of transgenic cotton Bt DP 5690B as superior variety under the name NuCOTN 35B (BOLLGARD) must be monitored and evaluated in holistic manner by Transgenic Cotton Monitoring Team that was formed by the Governor of South Sulawesi, Variety Assessment and Release Team and Biosafety and Foodsafety Agriculture Product derived from Genetic Engineering Team
- d) Cotton seed derived from transgenic cotton and other derivatives are not to be used as food or feed
- e) If in the future there are matters that are not in line with information presented during variety release, or matters that have negative impact on biosafety, environment, and human health, the release of transgenic cotton Bt DP 5690B as superior variety under the name NuCOTN 35B (BOLLGARD) will be re evaluated.

FOURTH: Description of NuCOTN 35B (BOLLGARD) as stated in the FIRST statement is attached in this Decree

FIFTH: With the issuance of this Decree, the Minister of Agriculture Decree No 107/Kpts/KB.430/2/2001 and Minister of Agriculture Decree No 03/Kpts/KB.430/1/2002 is no longer valid

SIXTH: This Decree is valid on the date issued.

Issued in Jakarta 11 January 2002

MINISTER OF AGRICULTURE

PROF.DR.IR. BUNGARAN SARAGIH MEC

Copy of this Decree is sent to:

1. Coordinating Ministry for Economics
2. Minister of Environment
3. Minister of Industry and Trade
4. Minister of Internal Interior and Local Autonomy
5. Minister of Research and Technology
6. Minister of Health and Social Welfare
7. Minister of Forestry
8. Head of Indonesia Science Agency
9. Head of National Biosafety and Foodsafety Committee
10. Head of National Seed Agency
11. Head of National Quarantine Agency
12. Echelon I Dept of Agriculture
13. Provincial Governors in Indonesia
14. Head of Takalar, Gowa, Bantaeng, Bulukumba, Bone, Soppeng and Wajo regencies, South Sulawesi Province

ATTACHMENT

DESCRIPTION OF COTTON VARIETY NuCOTN 35B (BOLLGARD)

Origin	: Introduction from D&PL International, United States
Species	: <i>Gossypium hirsutum</i>
Plant description	: flower after 45-50 days (50% flowered), harvest after 120 days and finished after 130-150 days
Height	: 73-115 cm
Posture	: Erected
Colour of stem	: light green
Hair in stem	: medium
Hair in leaves	: light
Branch type	: compact
Leave shape	: normal (palamatus)
Petal colour	: creamy
Pollen colour	: creamy
Fruit shape	: oval
Average fruit wt (100):	410-425 g
Type of fruit	: normal
Colour delinted seed	: chocolate
Average undelinted seed wt (100):	7-9 g
Fiber content	: 40-43%
Fiber length	: 30.7-31.5 cm
Fiber strength	: 36.9-41 g/tex
Fiber elasticity	: 4.4-5.2%
Fiber smoothness	: 3.6-3.7 mic

Homogeneity : 86.4-87.2%
Anther colour : creamy
Productivity : average 2.21 kg cotton seed/ha, high 3.1 kg cotton seed/ha
Résistance to *Helicoverpa armigera* : resistant
Résistance to *Verticillium wilt* : moderate
Résistance to *Fusarium wilt* : highly resistant
Résistance to bacterial blight : moderate
Résistance to *Sundapteryx biguttula* : low
Proposed name : NuCOTN 35B (Bollgard)
Owner : D&PL Technology Holding Corp
Applicant : PT Monagro Kimia
Planting area : Takalar, Gowa, Bantaeng, Bulukumba, Bone, Soppeng, Wajo
South Sulawesi