

Voluntary Report – Voluntary - Public Distribution

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Report Name: New and Renewed Biosafety Certificates Issued Including First Ever For Gene-Edited Event

Country: China - People's Republic of

Post: Beijing

Report Category: Biotechnology and Other New Production Technologies, Biotechnology - Plants and Animals, Planting Seeds

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Report Highlights:

On April 28, the Ministry of Agriculture and Rural Affairs (MARA) announced the issuance of new and renewed biosafety certificates for domestic cultivation and production of 113 genetically engineered (GE) events and the first ever biosafety certificate for a gene-edited event. The announcement includes 112 biosafety certificate renewals for GE cotton, one new certificate for a GE soybean event, and one new biosafety certificate for a gene-edited soybean event. No new or renewed biosafety certificates for GE events for import as processing materials were issued.

Summary:

On April 28, MARA announced the issuance of new and renewed biosafety certificates for domestic cultivation and production of 113 GE events and the first ever biosafety certificate for a gene-edited event. The announcement follows a meeting of the National Biosafety Committee (NBC) in late March and includes 112 biosafety certificate renewals for GE cotton, one new certificate for a GE soybean event developed by Dabeinong Technology Co., and one new biosafety certificate for a gene-edited soybean event developed by Shangdong Shunfeng Biotechnology Company Ltd.

The approval of China's first ever gene-edited plant for domestic cultivation comes just over a year after MARA issued Guidelines for Safety Evaluation of Gene-Edited Plants for Agricultural Use (Trial), (see [GAIN Report CH2022-0015](#) for more information), which for the first time established application procedures and requirements for gene-edited plants.

The April 28 announcement does not include any new or renewed biosafety certificates for GE events for import as processing materials. The validity period of the new biosafety certificates is five years (April 21, 2023 – April 20, 2028). The two lists (in Chinese) are available on the [MARA webpage for agricultural biotechnology](#). This report contains an unofficial translation of the lists. For additional information on China's biosafety certificates and approval process, please see the [China: 2022 Agricultural Biotechnology Annual Report](#).

Begin Unofficial Translation

Table 1. China: Gene-Edited Events Approved for Cultivation/Production in April 2023

No.	Event	Developer	Ecological Zone	Biosafety Certificate Validity
1	Mutations gmfad2-1a and gmfad2-1b genes improve quality in soybean AE15-18-1	Shandong Shunfeng Biotechnology Co., Ltd.	/	Apr. 21, 2023-Apr.20, 2028

Table 2. China: New Genetically Engineered Events Approved for Cultivation/Production in April 2023

No.	Event	Developer	Ecological Zone	Biosafety Certificate Validity
1	Trans-mvip3Aa and pat genes insect resistant and herbicide tolerance DBN8002	Beijing Dabeinong Biotechnology Co., Ltd.	Huanghuaihai Summer Soybean Area	Apr. 21, 2023-Apr.20, 2028

Table 3. China: Renewed Genetically Engineered Events Approved for Cultivation/Production in April 2023

No.	Event	Developer	Ecological Zone	Biosafety Certificate Validity
1	Trans- cry1Ab/cry1Ac insect-resistant cotton Chuang Mian 1010 (renewal)	Biocentury Transgene (China) Co. Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
2	Trans-cry1Ab/cry1Ac insect-resistant cotton	Biocentury Transgene (China)	Yellow River Basin	Apr. 21, 2023-

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	Chuang Mian 45 (renewal)	Co. Ltd.		Apr.20, 2028
3	Trans-crylAb/crylAc insect-resistant cotton Chuang Za Mian 28 (renewal)	Biocentury Transgene (China) Co. Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
4	Trans-crylAb/crylAc gene insect-resistant cotton Huahui 116 (renewal)	Biocentury Transgene (China) Co. Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
5	Trans-crylAb/crylAc gene insect-resistant cotton Ji Mian 616 (renewal)	Biocentury Transgene (China) Co. Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
6	Trans-crylAc gene insect-resistant cotton Jin Mian-26 (renewal)	Biocentury Transgene (China) Co. Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
7	Trans-crylAb/crylAc gene insect-resistant cotton Delinong No. 12 (renewal)	Dezhou Denong Seed Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
8	Trans-crylAb/crylAc gene insect-resistant cotton Delinong No. 5 (renewal)	Dezhou Denong Seed Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
9	Trans- crylAb/crylAc gene insect-resistant cotton De 0720 (renewal)	Dezhou Academy of Agricultural Science	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
10	Trans- crylAb/crylAc gene insect-resistant cotton Demian No. 13 (renewal)	Dezhou Academy of Agricultural Science	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
11	Trans- crylAb/crylAc gene insect-resistant cotton Demian No. 14 (renewal)	Dezhou Academy of Agricultural Science	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
12	Trans- crylAb/crylAc gene insect-resistant cotton Demian No. 15 (renewal)	Dezhou Academy of Agricultural Science	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
13	Trans- crylAb/crylAc gene insect-resistant cotton Demian No. 16 (renewal)	Dezhou Academy of Agricultural Science	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
14	Trans- crylAb/crylAc gene insect-resistant cotton Jifeng 103 (renewal)	Hebei Jifeng Cotton Technology Co.,Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
15	Trans- crylAb/crylAc gene insect-resistant cotton Jifeng 914 (renewal)	Hebei Jifeng Cotton Technology Co.,Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
16	Trans- crylAb/crylAc gene insect-resistant cotton Jifeng 649 (renewal)	Institute of Grain and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
17	Trans- crylAb/crylAc gene insect-resistant cotton Jifengza No. 5 (renewal)	Institute of Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028

		Sciences		
18	Trans- crylAb/crylAc gene insect-resistant cotton Guoxianmian 32 (renewal)	Hejian Guoxin Rural Technical Service Association	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
19	Trans- crylAb/crylAc gene insect-resistant cotton Guoxianmian 33 (renewal)	Hejian Guoxin Rural Technical Service Association	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
20	Trans- crylAb/crylAc gene insect-resistant cotton Bianmian 401 (renewal)	Kaifeng Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
21	Trans- crylAb/crylAc gene insect-resistant cotton Bianmian 511 (renewal)	Kaifeng Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
22	Trans- crylAb/crylAc gene insect-resistant cotton Bianmian 584(renewal)	Kaifeng Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
23	Trans- crylAb/crylAc gene insect-resistant cotton Bianmian 827(renewal)	Kaifeng Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
24	Trans- crylAc gene insect-resistant cotton KR026 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
25	Trans- crylAc gene insect-resistant cotton Liaomian No. 15 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
26	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 12 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
27	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 13 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
28	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 14 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
29	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 15 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
30	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 16 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
31	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 17 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
32	Trans- crylAc gene insect-resistant cotton	Shandong Yinxing Seed	Yellow River Basin	Apr. 21, 2023-

	Yinxingmian No. 17 (renewal)	Industry Co., Ltd.		Apr.20, 2028
33	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 19 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
34	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 20 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
35	Trans- crylAc gene insect-resistant cotton Yinxingmian 28 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
36	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 4 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
37	Trans- crylAc gene insect-resistant cotton Yinxingmian No. 5 (renewal)	Shandong Yinxing Seed Industry Co., Ltd.	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
38	Trans- crylAb/crylAc gene insect-resistant cotton Jishi 1183(renewal)	Shijiazhuang Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
39	Trans- crylAb/crylAc gene insect-resistant cotton Jishi 29 (renewal)	Shijiazhuang Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
40	Trans- crylAb/crylAc gene insect-resistant cotton Jishi 367 (renewal)	Shijiazhuang Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
41	Trans- crylAb/crylAc gene insect-resistant cotton Jishi 370(renewal)	Shijiazhuang Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
42	Trans- crylAb/crylAc gene insect-resistant cotton Jishi 929 (renewal)	Shijiazhuang Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
43	Trans- crylAb/crylAc gene insect-resistant cotton Zhengnongmian 27(renewal)	Zhengzhou Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
44	Trans- crylAb/crylAc gene insect-resistant cotton Zhengzhamian 28 (renewal)	Zhengzhou Academy of Agriculture and Forestry Sciences	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028
45	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 100901(renewal)	Cotton Research Institute of Chinese Academy of	Yellow River Basin	Apr. 21, 2023- Apr.20, 2028

		Agricultural Sciences		
46	Trans- crylAb/crylAc gene insect-resistant cotton H46R(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
47	Trans- crylAb/crylAc gene insect-resistant cotton ZB79185R (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
48	Trans- crylAb/crylAc gene insect-resistant cotton ZH8142R (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
49	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmian 5014(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
50	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmian CJ79 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
51	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 100902(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
52	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 100903 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
53	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 100904 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
54	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 1701(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
55	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 94A213 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
56	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 94A361(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028

57	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 94A2101 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
58	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 94A2941 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
59	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 94A915 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
60	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99020 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
61	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99033 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
62	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9A05 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
63	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9B04 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
64	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9B04 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
65	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9C04 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
66	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9C05 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
67	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9D04 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yellow River Basin	Apr. 21, 2023-Apr.20, 2028
68	Trans- crylAb/crylAc gene insect-resistant	Cotton Research Institute of	Yellow River Basin	Apr. 21, 2023-

	cotton Zhongmiansuo 9D05 (renewal)	Chinese Academy of Agricultural Sciences		Apr.20, 2028
69	Trans- crylAb/crylAc gene insect-resistant cotton Huimian No. 1(renewal)	Cotton Research Institute of Anhui Academy of Agricultural Sciences	Yangtze River Basin	Apr. 21, 2023-Apr.20, 2028
70	Trans- crylAb/crylAc gene insect-resistant cotton Mianchuang 084(renewal)	Biocentury Transgene (China) Co. Ltd.	Yangtze River Basin	Apr. 21, 2023-Apr.20, 2028
71	Trans- crylAb/crylAc gene insect-resistant cotton Mianchuang 091(renewal)	Biocentury Transgene (China) Co. Ltd.	Yangtze River	Apr. 21, 2023-Apr.20, 2028
72	Trans- crylAb/crylAc gene insect-resistant cotton Mianchuang 094 (renewal)	Biocentury Transgene (China) Co. Ltd.	Yangtze River	Apr. 21, 2023-Apr.20, 2028
73	Trans- crylAb/crylAc gene insect-resistant cotton Chuangmian No. 11 (renewal)	Biocentury Transgene (China) Co. Ltd.	Yangtze River	Apr. 21, 2023-Apr.20, 2028
74	Trans- crylAb/crylAc gene insect-resistant cotton Chuangzamian No. 21(renewal)	Biocentury Transgene (China) Co. Ltd.	Yangtze River	Apr. 21, 2023-Apr.20, 2028
75	Trans- crylAb/crylAc gene insect-resistant cotton Guoxinmian 35(renewal)	Hejian Guoxin Rural Technical Service Association	Yangtze River	Apr. 21, 2023-Apr.20, 2028
76	Trans- crylAb/crylAc gene insect-resistant cotton JX0010(renewal)	Hunan Agriculture University	Yangtze River	Apr. 21, 2023-Apr.20, 2028
77	Trans- crylAb/crylAc gene insect-resistant cotton Xiang XP522 (renewal)	Hunan Institute of Cotton Science	Yangtze River	Apr. 21, 2023-Apr.20, 2028
78	Trans- crylAb/crylAc gene insect-resistant cotton Xiang FZ001(renewal)	Hunan Institute of Cotton Science	Yangtze River	Apr. 21, 2023-Apr.20, 2028
79	Trans- crylAb/crylAc gene insect-resistant cotton Sujimian 211(renewal)	Jiangsu Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
80	Trans- crylAb/crylAc gene insect-resistant cotton Sumian 5042(renewal)	Jiangsu Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
81	Trans- crylAb/crylAc gene insect-resistant cotton Sumian 6039 (renewal)	Jiangsu Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
82	Trans- crylAb/crylAc gene insect-resistant cotton GB851(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
83	Trans- crylAb/crylAc gene insect-resistant cotton 15AZ313 (renewal)	Cotton Research Institute of Chinese Academy of	Yangtze River	Apr. 21, 2023-Apr.20, 2028

		Agricultural Sciences		
84	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmian 1279(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
85	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 100905(renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
86	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 100906 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
87	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 100907 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
88	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 1702 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
89	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 1703 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
90	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 1704 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
91	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 1705 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
92	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 1706 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
93	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 94A1822 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
94	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99013 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028

95	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99028 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
96	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99029 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
97	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99030 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
98	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99032 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
99	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9B06 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
100	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9C06 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Yangtze River	Apr. 21, 2023-Apr.20, 2028
101	Trans- crylAb/crylAc gene insect-resistant cotton Sumian 169(renewal)	Jiangsu Academy of Agricultural Sciences	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
102	Trans- crylAb/crylAc gene insect-resistant cotton Jishi 335 (renewal)	Shijiazhuang Academy of Agriculture and Forestry Sciences	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
103	Trans- crylAb/crylAc gene insect-resistant cotton Jinghuamian 174 (renewal)	Xinjiang Jinghua Seed Industry Co., Ltd.	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
104	Trans- crylAb/crylAc gene insect-resistant cotton Jinghuamian 178(renewal)	Xinjiang Jinghua Seed Industry Co., Ltd.	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
105	Trans- crylAb/crylAc gene insect-resistant cotton Mianjinken 1653(renewal)	Xinjiang Academy of Agricultural Reclamation Sciences	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
106	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 1707 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Inland Northwest	Apr. 21, 2023-Apr.20, 2028

107	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 99025 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
108	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9A06 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
109	Trans- crylAb/crylAc gene insect-resistant cotton Zhongmiansuo 9D06 (renewal)	Cotton Research Institute of Chinese Academy of Agricultural Sciences	Inland Northwest	Apr. 21, 2023-Apr.20, 2028
110	Trans- crylAb/crylAc gene insect-resistant cotton Guoxinmian 34(renewal)	Hejian Guoxin Rural Technical Service Association	Yellow River Basin Yangtze River Basin	Apr. 21, 2023-Apr.20, 2028
111	Trans- crylAb/crylAc gene insect-resistant cotton Xumian 638 (renewal)	Xuzhou Institute of Agricultural Sciences, Xuhuai District, Jiangsu Province	Yellow River Basin Yangtze River Basin	Apr. 21, 2023-Apr.20, 2028
112	Trans- crylAb/crylAc gene insect-resistant cotton (renewal) Xumian 608	Xuzhou Institute of Agricultural Sciences, Xuhuai District, Jiangsu Province	Yellow River Basin Yangtze River Basin Inland Northwest	Apr. 21, 2023-Apr.20, 2028

End Unofficial Translation

Attachments:

No Attachments.