

Voluntary Report – Voluntary - Public Distribution

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Report Name: MARA Issues Additional New and Renewed Biosafety
Certificates

Country: China - People's Republic of

Post: Beijing

Report Category: Biotechnology and Other New Production Technologies, Biotechnology - Plants
and Animals, Planting Seeds, Oilseeds and Products, Grain and Feed

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Report Highlights:

On April 29, 2022, the Ministry of Agriculture and Rural Affairs (MARA) announced the issuance of new and renewed biosafety certificates for genetically engineered (GE) events. The announcement includes 11 certificates issued for GE crops approved for import as processing materials and 36 renewed certificates for domestic GE crop cultivation and production. The validity period of the new biosafety certificates is five years.

Summary:

On April 29, 2022, MARA announced additional new and renewal biosafety certificates were issued for several GE events. The announcement includes 11 certificates issued for biotech crops approved for import as processing materials (including one new GE soybean event from Argentine Developer [Bioceres](#) and the renewal of 10 other events from Bayer, Corteva and BASF) and 36 certificates for domestic cultivation and production (including 17 renewed GE cotton events, four new GE corn events, six renewed animal vaccines, and nine new animal vaccines). The validity period of the new biosafety certificates is five years (April 22, 2022 – April 21, 2027). The two lists (in Chinese) are available on the [MARA webpage for agricultural biotechnology](#).

This report contains the list of the 11 new and renewed biosafety certificates issued to biotech crops approved for import as processing materials and the 36 new and renewed biosafety certificates for domestic cultivation and production. For additional information on China's biosafety certificates and approval process, please see the [China: Agricultural Biotechnology Annual report](#).

Table 1. China: Biotech Crops Approved for Import as Processing Materials in April 2022

No.	Event	Approval Issued Date	Developer	Biosafety certificate validity
1	Transgenic cp4epsps Herbicide Tolerant Soybean MON89788 (renewal)	August 28, 2008	Bayer CropScience	Apr. 22, 2022-Apr.21, 2027
2	Cry1Fv3 and cry1Ac(synpro) Transgenic Insect-Resistant Soybean DAS-81419-2 (renewal)	December 2, 2019	Corteva	Apr. 22, 2022-Apr.21, 2027
3	Transgenic gm-fad2-1 improves soybean quality traits 305423 (renewal)	November 3, 2011	Corteva	Apr. 22, 2022-Apr.21, 2027
4	Aggregate gm-fad2-1 and cp4epsps genes improve quality traits in herbicide-tolerant soybean 305423 □ GTS40-3-2 Advance (renewal)	December 11, 2014	Corteva	Apr. 22, 2022-Apr.21, 2027
5	Transgenic pat Herbicide Tolerant Soybean A5547-127 (renewal)	December 11, 2014	BASF	Apr. 22, 2022-Apr.21, 2027
6	Transgenic pat Herbicide Tolerant Maize T25 (renewal)	April 6, 2004	BASF	Apr. 22, 2022-Apr.21, 2027
7	Transgenic cp4epsps herbicide-tolerant sugar beet H7-1 (renewal)	April 20, 2009	Bayer CropScience Kowalsch Seeds Europe AG	Apr. 22, 2022-Apr.21, 2027
8	Transgenic bar, barnase and barstar herbicide tolerant oilseed rape Dish Ms8Rf3 (renewal)	April 6, 2004	BASF	Apr. 22, 2022-Apr.21, 2027
9	Transgenic pat herbicide-tolerant rapeseed T45 (renewal)	April 6, 2004	BASF	Apr. 22, 2022-Apr.21, 2027

No.	Event	Approval Issued Date	Developer	Biosafety certificate validity
10	Transgenic bxn gene herbicide-tolerant rapeseed Oxy-235 (renewal)	April 6, 2004	BASF	Apr. 22, 2022-Apr.21, 2027
11	HaHB4 genetically resistant soybean IND-ØØ41Ø-5 (new)	April 22, 2022	Rosario Agricultural Biotechnology Institute Inc. (Bioceres)	Apr. 22, 2022-Apr.21, 2027

Table 2. China: Biotech Crops/Events Approved for Cultivation/Production in April 2022

No.	Event	Developer	Ecological Zone	Biosafety certificate validity
1	Trans-crylAb/crylAc insect-resistant cotton Jinongda No. 33 (renewal)	Hebei Agricultural University	Yellow River Basin	Apr. 22, 2022-Apr.21, 2027
2	Trans-crylAb/crylAc insect-resistant cotton Jinongda No. 35 (renewal)	Hebei Agricultural University	Yellow River Basin	Apr. 22, 2022-Apr.21, 2027
3	Trans-crylAb/crylAc insect-resistant cotton Jinongda No. 36 (renewal)	Hebei Agricultural University	Yellow River Basin	Apr. 22, 2022-Apr.21, 2027
4	Trans-crylAb/crylAc gene insect-resistant cotton Jinnong 16 (renewal)	Tianjin Jinshi Shennong Seed Industry Co., Ltd.	Yellow River Basin	Apr. 22, 2022-Apr.21, 2027
5	Trans-crylAb/crylAc gene insect-resistant cotton Shannongmian No. 11 (renewal)	Shandong Agricultural University	Yellow River Basin	Apr. 22, 2022-Apr.21, 2027
6	Trans-crylAc gene insect-resistant cotton Liaomian No. 21 (renewal)	Liaocheng Academy of Agricultural Sciences	Yellow River Basin	Apr. 22, 2022-Apr.21, 2027
7	Trans-crylAb/crylAc gene insect-resistant cotton Hunan FZ031 (renewal)	Hunan Institute of Cotton Science	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027

No.	Event	Developer	Ecological Zone	Biosafety certificate validity
8	Trans-crylAb/crylAc gene insect-resistant cotton Xingya cotton No. 1 (renewal)	Hunan Xingya Seed Industry Technology Co., Ltd.	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
9	Trans-crylA gene insect-resistant cotton Huamian 8119 (renewal)	Huazhong Agricultural University	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
10	Trans-crylA gene insect-resistant cotton Huamian 1126 (renewal)	Huazhong Agricultural University	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
11	Trans-crylA gene-resistant insect-resistant cotton Gangzamian No. 9 (renewal)	Huanggang Academy of Agricultural Sciences	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
12	Trans-crylAb/crylAc gene insect-resistant cotton Gangzamian No. 10 (renewal)	Huanggang Academy of Agricultural Sciences	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
13	Trans-crylAb/crylAc gene insect-resistant cotton Gangmian No. 11 (renewal)	Huanggang Academy of Agricultural Sciences	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
14	Trans-crylAb/crylAc gene insect-resistant cotton Jingzamian 88 (renewal)	Jingzhou Academy of Agricultural Sciences	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
15	Trans-crylAb/crylAc gene insect-resistant cotton EZ12 (renewal)	Economic Crops Research Institute of Hubei Academy of Agricultural Sciences	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
16	Trans-crylAb/crylAc gene insect-resistant cotton Jiangnongmian 2 (renewal)	Jiangxi Farmer Agricultural Technology Development Co., Ltd.	Yangtze River Basin	Apr. 22, 2022-Apr.21, 2027
17	Trans-crylAb/crylAc gene insect-	Cotton Research Institute of	Inland Northwest	Apr. 22, 2022-Apr.21, 2027

No.	Event	Developer	Ecological Zone	Biosafety certificate validity
	resistant cotton Jimian 808 (renewal)	Hebei Academy of Agriculture and Forestry		
18	Herbicide-tolerant maize nCX-1 transgenic CdP450 and cp4epsps (new)	Hangzhou Ruifeng Biotechnology Co., Ltd.	Southern Corn Region	Apr. 22, 2022-Apr.21, 2027
19	Polymerized cryIAb, pat, mepsps genes for insect and herbicide tolerance maize Bt11xGA21 (new)	China Seed Group Co., Ltd.	Northern Spring Corn Region	Apr. 22, 2022-Apr.21, 2027
20	Polymerized cryIAb, pat, vip3Aa20, mepsps genes for insect resistance and herbicide tolerance in maize Bt11xMIR162xGA21 (new)	China Seed Group Co., Ltd.	Southern Corn Region, Southwest Corn Region	Apr. 22, 2022-Apr.21, 2027
21	Trans mepsps gene herbicide-tolerant maize GA21 (new)	China Seed Group Co., Ltd.	Northern Spring Corn Region	Apr. 22, 2022-Apr.21, 2027
22	Canine alpha-interferon expressed by recombinant Escherichia coli JM109 (pBV220-cIFN α) (renewal)	Beijing Shijiyuanheng Animal Epidemic Prevention Technology Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027
23	Recombinant E. coli BL21 (pBV220-FeIFN ω) (renewal)	Beijing Zhongkebaike Biotechnology Co., Ltd. Tianjin Ruipu Biotechnology Co., Ltd. Zhongkebaike(Tianjin) Biopharmaceutical Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027
24	Chicken alpha-interferon expressed by recombinant Escherichia coli TR2 (renewal)	Qingdao Animal Protection National Engineering Technology Research Center Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027

No.	Event	Developer	Ecological Zone	Biosafety certificate validity
25	Scylla Antimicrobial Peptide Expressed by Recombinant Pichia pastoris GS115 (pPIC9K-scy-sphistin) (renewal)	Xiamen University	N/A	Apr. 22, 2022-Apr.21, 2027
26	Recombinant Escherichia coli BL21 (pRSETB-rePRRSV) expressing porcine reproductive and respiratory syndrome virus major protective epitope subunit vaccine (renewal)	Qingdao Mingqin Biotechnology Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027
27	Recombinant porcine circovirus type 1 live vector vaccine PCV1-2 expressing porcine circovirus type 2 ORF2 gene (renewal)	Yangzhou University	N/A	Apr. 22, 2022-Apr.21, 2027
28	Replication-deficient recombinant adenovirus (type 5) live vector vaccine pAdeQuick-FMDA-G2 expressing the P12AB3BC gene of foot-and-mouth disease virus (type A) (new)	Jiaxing Anyu Biotechnology Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027
29	Replication-deficient recombinant adenovirus (type 5) live vector vaccine PAdeQuick-FMDO-G2 expressing the porcine foot-and-mouth disease virus (type O) P12AB3BC gene (new)	Jiaxing Anyu Biotechnology Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027
30	PRVWH2012, a pseudorabies vaccine lacking TK/Gg/gl/gE genes (new)	Huazhong Agricultural University Wuhan Keqian Biological Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027
31	Genetically engineered subunit vaccine	Shanghai Academy of	N/A	Apr. 22, 2022-Apr.21, 2027

No.	Event	Developer	Ecological Zone	Biosafety certificate validity
	of swine fever E2 protein expressed by recombinant Escherichia coli BL21 (pET32-E2) v (new)	Agricultural Sciences		
32	Genetically engineered subunit vaccine of porcine epidemic diarrhea virus S protein expressed by recombinant Escherichia coli BL21 (pET32-S) (new)	Shanghai Academy of Agricultural Sciences	N/A	Apr. 22, 2022-Apr.21, 2027
33	Recombinant Newcastle Disease Virus Live-Cavage Multi-Epitope Recombinant Newcastle Disease Virus for Production Application of Vector Vaccine Vaccine Rndv-IBV-T/B (new)	Shanghai Veterinary Research Institute, Chinese Academy of Agricultural Sciences	N/A	Apr. 22, 2022-Apr.21, 2027
34	Recombinant Baculovirus rBmNPV (ChIFN-λ) Expressed Chicken λ-Interferon Production (new)	Institute of Biotechnology, Chinese Academy of Agricultural Sciences	N/A	Apr. 22, 2022-Apr.21, 2027
35	Recombinant turkey herpes virus live vector vaccine rHVT-IBD-ND D3 expressing the VP2 gene of chicken infectious bursal disease virus, chicken Newcastle disease virus gene and chicken Newcastle disease virus F gene (new)	Boehringer Ingelheim Animal Health (China) Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027
36	Recombinant Escherichia coli BL21 (pBV220-FeIFNω) Expression of Feline ω-Interferon Production of Cat ω-Interferon Production (new)	Beijing Shijiyuanheng Animal Epidemic Prevention Technology Co., Ltd. Beijing Braidley Biotechnology Co., Ltd.	N/A	Apr. 22, 2022-Apr.21, 2027

Attachments:

No Attachments.