

**Voluntary Report** – Voluntary - Public Distribution

**Date:** October 18, 2024

**Report Number:** CH2024-0132

**Report Name:** New and Renewed Biosafety Certificates Issued - October 2024

**Country:** China - People's Republic of

**Post:** Beijing

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

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**Report Highlights:**

On October 11, 2024, 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 three renewed biosafety certificates issued for GE crops approved for import as processing materials, one renewed and one new biosafety certificates issued for GE crops approved for domestic cultivation and processing, 14 renewed and four new biosafety certificates for genetically modified microorganisms (GMMs) for animal use, and 152 renewed biosafety certificates for GE cotton for domestic cultivation and processing.

## Summary:

On October 11, 2024, MARA announced the issuance of new and renewed biosafety certificates for GE events. The announcement includes three renewed certificates issued for GE crops approved for import as processing materials, including one renewed GE corn event and two renewed GE soybean events developed by Bayer. The announcement also includes one renewed certificate issued for GE papaya and one new certificate issued for GE cotton for domestic cultivation and processing, 14 renewed and four new biosafety certificates for GMMs for animal use, and 152 renewed certificates for GE cotton for domestic cultivation and processing. MARA issued no new biosafety certificates for gene-edited events. The validity period of new and renewed biosafety certificates is five years.

The four lists (in Chinese) are available in Chinese on the MARA webpage for agricultural biotechnology:

- The MARA list of Biotech Crops Approved for Import as Processing Materials is available [here](#);
- The MARA list of Biotech Crops Approved for Domestic Cultivation and Processing is available [here](#);
- The MARA list of Biotech Events Approved for Cultivation and Processing (GMMs for Animal Use) is available [here](#);
- The MARA list of GE cotton renewal is available [here](#).

This report contains an unofficial translation of the above-mentioned lists except for the GE cotton renewal list.

BEGIN UNOFFICIAL TRANSLATION

**Table 1. China: Biotech Crops Approved for Import as Processing Materials in October 2024**

No.	Event	Approval Issued Date	Developer	Biosafety certificate validity
1	Herbicide-tolerant corn MON87427 (renewal) (renewal)	July 16, 2017	Bayer	Oct. 8, 2024-Oct.7, 2029
2	Insect-Resistant soybean MON87751 (renewal)	June 11, 2020	Bayer	Oct. 8, 2024-Oct.7, 2029
3	Improved quality soybean MON87705 (renewal)	June 12, 2017	Bayer	Oct. 8, 2024-Oct.7, 2029

**Table 2. China: Biotech Crops Approved for Cultivation/Processing in October 2024**

No.	Event	Approval Issued Date	Developer	Valid Area	Biosafety Certificate Validity
1	Transgenic CP gene disease-resistant papaya YK1601 (renewal)	December 20, 2018	Institute of Tropical Biotechnology, Chinese Academy of Tropical Agricultural Sciences	South China	Oct. 8, 2024-Oct.7, 2029
2	Herbicide-tolerant cotton KJC017(new approval)	October 8, 2024	Kijidalong (Beijing) Biotech Co., Ltd.	National	Oct. 8, 2024-Oct.7, 2029

**Table 3. China: Biotech Events Approved for Cultivation and Processing (GMMs for Animal Use) in October 2024**

No.	Event	Developer	Type	Biosafety certificate validity
1	Recombinant Marek's disease virus live vector vaccine expressing Newcastle disease virus F gene VectormuneHVVTNDV (renewal)	Ceva Santé Animal	Vaccine	Oct. 8, 2024-Oct.7, 2029
2	Recombinant Marek's disease virus live vector	Ceva Santé Animal	Vaccine	Oct. 8, 2024-Oct.7, 2029

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	vaccine expressing avian influenza virus HA gene VectormuneHVT AIV (renewal)			
3	Expression of infectious laryngotracheitis virus gB and UL32 Genetic recombinant fowlpox virus live vector vaccine VectormuneFP-LT (renewal)	Ceva Santé Animal	Vaccine	Oct. 8, 2024-Oct.7, 2029
4	Recombinant fowlpox virus live vector vaccine expressing Mycoplasma gallisepticum virus 40K and mgc3 genes VectormuneFP-MG (renewal)	Ceva Santé Animal	Vaccine	Oct. 8, 2024-Oct.7, 2029
5	Recombinant porcine reproductive and respiratory syndrome virus genetic engineering vaccine rPRRSV-E2 expressing swine fever virus E2 gene (renewal)	Shanghai Veterinary Research Institute, Chinese Academy of Agricultural Sciences	Vaccine	Oct. 8, 2024-Oct.7, 2029
6	Recombinant pseudorabies virus live vector vaccine lacking gI/gE gene and expressing swine fever virus E2 gene rPRVJS-2012-ΔgI/gE+E2 (renewal)	Shanghai Veterinary Research Institute, Chinese Academy of Agricultural Sciences	Vaccine	Oct. 8, 2024-Oct.7, 2029
7	Porcine pseudorabies virus vaccine lacking TK and gE genes BegoniaΔTK/ΔgE (renewal)	Intway International Co., Ltd. Merck (Ningbo) Animal Health Technology Co., Ltd.	Vaccine	Oct. 8, 2024-Oct.7, 2029
8	Canine alpha interferon expressed by recombinant E. coli BL21(DE3)/pETCaIFN-α (renewal)	Beijing Baoyi Biotechnology Co., Ltd. Beijing Institute of Animal Husbandry and Veterinary Medicine, Chinese Academy of Agricultural Sciences	Biopharmaceuticals	Oct. 8, 2024-Oct.7, 2029
9	Keratinase expressed by recombinant Bacillus licheniformis S10-34zEK4 (renewal)	Novozymes	Feed Additives	Oct. 8, 2024-Oct.7, 2029
10	α-amylase expressed by recombinant Bacillus licheniformis SJ10402 (renewal)	Novozymes	Feed Additives	Oct. 8, 2024-Oct.7, 2029
11	Recombinant Aspergillus oryzae JaL339-expressed xylanase (renewal)	Novozymes	Feed Additives	Oct. 8, 2024-Oct.7, 2029

12	Recombinant <i>Trichoderma listeri</i> Morph-Y5#2 expressed xylanase (renewal)	Danisco America, Inc.	Feed Additives	Oct. 8, 2024-Oct.7, 2029
13	Phytase expressed by recombinant <i>Trichoderma leesei</i> Morph $\Delta$ E8BP174c (renewal)	Danisco America, Inc.	Feed Additives	Oct. 8, 2024-Oct.7, 2029
14	Recombinant Newcastle disease virus live vaccine rL-H9HA expressing the HA gene of H9 subtype avian influenza virus (renewal)	Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences	Vaccine	Oct. 8, 2024-Oct.7, 2029
15	Recombinant turkey herpes virus live vector vaccine rHVT-AIVH9HA expressing the HA gene of avian influenza subtype H9 (new approval)	Beijing Bangzhuo Biotechnology Co., Ltd.	Vaccine	Oct. 8, 2024-Oct.7, 2029
16	Recombinant turkey herpes virus live vector vaccine rHVT-H9-HA expressing the HA gene of H9 subtype avian influenza virus (new approval)	Tianjin Ruipu Biotechnology Co., Ltd.	Vaccine	Oct. 8, 2024-Oct.7, 2029
17	Recombinant turkey herpes virus live vector vaccine rHVT-VP2 expressing the VP2 gene of chicken infectious bursal disease virus (new approval)	Tianjin Ruipu Biotechnology Co., Ltd.	Vaccine	Oct. 8, 2024-Oct.7, 2029
18	Recombinant Marek's disease virus live vector vaccine rMDV-VP2 expressing the VP2 gene of chicken infectious bursal disease virus (new approval)	Tianjin Ruipu Biotechnology Co., Ltd.	Vaccine	Oct. 8, 2024-Oct.7, 2029

**Attachments:**

No Attachments.