

# Seed Treatment for Vegetable Seed in China

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## Abstracts

Although China's vegetable seed industry has witnessed huge development in the past years, the development of vegetable seed treatment is slow in China. The treated vegetable seed accounts for less than 10% of the total vegetable seed consumed in China. Domestic market of vegetable seed treatment has the following characteristics:

The seed treatment rate of vegetable seed is very low at present and the major method applied by domestic seed companies is film-coating. Pelleting and encrusting are in the promotion stage and both are seldom used.

Seed treatment rate of imported vegetable seed is much higher than that of domestic vegetable seed. Most of the imported vegetable seeds are film-coated before they are imported.

Some domestic seed companies exaggerate the function of seed treatment.

Film-coated seeds are thought to be high-grade seeds by farmers. However, advantages of vegetable seed treatment are not fully recognized. Some farmers still soak the film-coated seed before sowing.

Some domestic film-coating agents only beautify the seed without any practical functionality, as exposed by some insiders. The poor quality of domestic-made film-coating agents impacts on the germination percentage of vegetable seed. However, it is expected that vegetable seed treatment will develop quickly in the future, which can bring many business opportunities to Chinese vegetable seed treatment industry. The driving factors include the follows:

Supply increase of treated vegetable seeds;

Development of new seed treatment method;

Breakout of soil-borne diseases;

Development of mechanical sowing and industrial seedling;

Industry integration of vegetable seed companies.

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- 9.11 Beijing Zhongshu Horticultural Seed Research Center
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- 9.14 Shouguang South Australia Luheng Agricultural Co., Ltd.
- 9.15 Bejo Zaden B.V.
- 9.16 Hebei Xingda Seed Industry
- 9.17 Shandong Days Smooth Hua Nursery Stock Company
- 9.18 Changchun Dafunong Seedling Technology Co., Ltd.
- 9.19 Beijing Jingyan Yinong Sci-Tech Development Center
- 9.20 Sichuan Xichang Kewei Seeds Co., Ltd.
- 9.21 Clover Seed Company Limited
- 9.22 Choi Hing Lee Seed Co., Ltd.
- 9.23 Crops Research Institute Guangdong Academy of Agricultural Sciences
- 9.24 Beijing Shenghua Defeng Seeds Co., Ltd.
- 9.25 Ha Limu Seed Co., Ltd.
- 9.26 Xi'an Jinpeng Seed Co., Ltd.
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## **COMPANIES MENTIONED**

Syngenta Seeds China Co., Ltd.

Beijing Zhongshu Horticultural Seed Research Center

Nunhems Beijing Seeds Co., Ltd.

Beijing Jingyan Yinong Sci-Tech Development Center

Xi'an Jinpeng Seed Co., Ltd.



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