

Crop Protection China Market Opportunities and Challenges

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Abstracts

China is a traditional agricultural country, with a total area of 5,000 billion square meters stricken by plant diseases and insect pests each year. With only 7% of the world's arable land, China has fed 22% of the world's population, which is a great marvel in history. How do Chinese people achieve this- One answer is making good use of crop protection.

Crop protection is widely applied across the world and plays important roles in guaranteeing the safety of agricultural production and the quality of products, minimizing environmental pollution, safeguarding public health and promoting the sustainable development of agriculture in China. In recent years, crop protection has drawn more and more attention from the government and its status has been improved, due to the frequent outbreak of diseases, insect pests and weeds, and the stricter requirement on ecological environment, food quality and natural resources.

The total CP market value was USD11,499.39 million in 2008. With USD.6,191.50 million which accounts for 53.84% of total market value in 2008, seed plays the most important role in Chinese CP market. Chemical control has ranked the second largest market value of USD15,738.10 million in 2008, taking up 68.13%. CP machine, with USD827.93 million in 2008, also plays an important role. Though China is promoting environmentally friendly methods, such as physical control and biological control, these methods' value is still not very high. Their market value is only USD343.17 million, consisting of only 3.00%. But these methods will have very bright future.

As the largest agricultural and most populous country, China's plant structure of crops and grain situation have played a great important role in national strategic security. However, owing to frequent natural disasters, increasing entering of alien species and

serious pesticide resistance, the occurrence of crop diseases, insect pests and weeds is becoming more and more serious, which contributes to great challenges in crop protection, such as development and promotion of lowly toxic pesticides, the R&D of GM seeds. At the same time, it also bring many investment opportunities in the fields of seed trade, seed R&D, pesticide trade and pesticide R&D, etc. In this report, CCM will give a detailed introduction and summary about the trade and treatment of seeds, grain supply and demand, production and consumption of pesticides, control measures for crop diseases, insect pests and weeds and opportunities and challenges of CP market, etc.

MNCs, with their endeavors, captures 20% pesticide market, 50% vegetable seeds market and 4% corn seed market in 2008 in China.

Contents

Compared with the former edition in 2008, this edition enhances the following parts:

- Supply and demand of grains
- Seeds situation
- Serious pest & malignant weed
- Crop protection value in China
- Biological control, includes Predatory mite and Parasitoid
- Physical control, embrace pest-killing lamps, sex attractant, insect screening and yellow board
- Seed treatment seed treatment agents
- Crop protection machinery
- MNCs' involvement in China crop protection industry
- Roles and market strategy of MNCs and their competition from local companies
- Opportunities and Challenges of crop protection in China
- How to enter China pesticides market

The key findings in this report includes:

- The total CP market value is USD11,499.39 million in 2008. Seed plays the most important role in Chinese CP market.
- Chemical control is still the main control method in China which will not be changed in the foreseeable future
- Physical control and Biological control will have a bright future in China
- With the promotion of Chinese government, seed treatment has developed quickly. Now, about 80% seed is treated and most of them are treated by peasants themselves with fungicide and insecticide, though some peasants choose seed coating agent.
- Above 350 CP machine manufacturers produce about 14 million CP machines in 2008 with 12 million sold in China. Now, China totally has about 80 million CP machines. Mechanical CP machines will be more popular in the future.
- Chinese peasants pay more attention to products quality
- MNCs, with their endeavors, captures 20% pesticide market, 50% vegetable seeds market and 4% corn seed market in 2008 in China.
- Glyphosate-resistance corn and GM rice are possibly to be approved in the next five years

From this report, you will get the following knowledge about Chinese CP market:

- Opportunity and challenge of CP market
- Current situation and forecast of crops and grain
- Current situation and forecast of pesticide industry
- Current situation and forecast of crop protection technologies
- Current situation and forecast of plant diseases, insect pests and weeds
- Current situation and forecast of seed and seed treatment
- Current situation and forecast of CP machines
- The regulations and policies and their influence on crop protection
- Relationship between pesticides and environment protection
- The purchase and use habit on CP products by peasants

This report is helpful to:

- Producers pay close attention to Chinese CP market, embracing pesticide, seed, natural enemy and machine producers etc.
- Traders pay close attention to Chinese CP market
- Analysts and consultants trying to gain insight into the Chinese CP market
- CP associations pay attention to Chinese CP market
- Governments pay attention to Chinese CP market

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COMPANIES MENTIONED

Shenzhen Biocentury Trangene (China) Co., Ltd. Shandong Denghai Seeds Co., Ltd.
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