

# Herbicides China News



## China's herbicide industry is exploding, are you ready?

Production of herbicide is prosperous in China, herbicide output had been increased by CAGR of 17.6% in the past 5 years, reaching 387 kilotonnes in 2006. It is expected that the output of China's herbicide will increase by CAGR of 10.7% in the coming 4 years, reaching 667 kilotonnes in 2010.

As the second biggest herbicide producer in the world, China has about 70% of its herbicide output exported to the USA, Latin America, Europe, Australia and Southeast Asia etc. In the next 5 years, China's herbicide export volume is predicted to increase by CAGR of 8%, reaching 500 kilotonnes in the year 2010.

Why the production and export of China's herbicides are exploding? Global large demand of herbicides to China is one of the reasons with increasing of planting area of herbicide-resistant crops over the world.

Meanwhile, decreasing of agricultural labors with more and more agricultural labors flocking into city, application and extension of no-tillage technology in China are enlarging chemicals weeding area and promoting domestic herbicides demand largely.

Moreover, the cost of China's herbicide is low, as China's labor cost is comparatively low and the cost of pollution treatment only takes about 5% of total production cost. Furthermore, China, the greatest producer of yellow phosphorus, provides its herbicide industry with sufficient raw materials.

At present, the top 10 herbicides, including glyphosate, acetochlor, butachlor, 2,4-D, fluazifop-p-butyl, atrazine and paraquat and so on, constitute around 85% of the total herbicide output, and about 70% of the total herbicide export volume in China. And what's more, the output and export volume of these 10 herbicides have been increasing in recent years.

Though China's herbicide output is huge and some

herbicides are of high quality, 97% China's herbicide producers are hungering for new advanced technology and new and excellent herbicides.

Current situation of China's herbicide industry:

- Weak R&D capacity and few innovative products
- 90% China's herbicide companies are of small scale and backward technology, especially in additives and some key intermediates such as diethanolamine.
- Only 150 kinds of formulations and small proportion of environmental friendly formulations.
- 96% herbicide is off-patent products, and many companies produce the same herbicides.

Therefore, China's herbicide producers are looking forward to cooperating with overseas companies to explore China's huge market together. In China, the sale volume of herbicide will increase by CAGR of 4.7% in the next 5 years, due to China's broad weed area, about 700 billion m<sup>2</sup>. China's herbicide market is quite huge and the sale value of herbicide in China is predicted to reach USD12 billion in 2010.

China is paying closer attention to environment protection and guiding peasants to use herbicide with low residue and high efficiency, which promotes the increasing demand of environmentally friendly herbicide. Furthermore, postemergent herbicide with selectivity is well-received with peasants, because herbicides-resistant crops are not popular in China.

Keeping track of China's herbicide industry will help you know which market China will explore and when. Knowing the current market dynamics of China's herbicide will facilitate your search for great commercial opportunities in China's huge market.

**Herbicides China News** brings you the latest information on competitiveness analysis of China's main herbicides, investment and procurement opportunities, advanced technology and superior herbicide that China wants, crops planting situation and new legislations.

**Main Contents**
**◆ Main Herbicides Analysis**

Analyse China's 20 main herbicides in-depth. Focusing on their price, technical, formulations, supply and demand, export and import, production process, raw material, intermediates, additives, or even latest company dynamics about them.

**Top 20 herbicides in China**

Glyphosate	Acetochlor	2,4-D
Paraquat	Butachlor	Atrazine
Fluazifop-P-Butyl	Diclofop Methyl	Trifluralin
Metolachlor	Pendimethalin	Imazethapyr
Fomesafen	Enoxaprop-P	Tribenuron-methyl
Quizalofop-P-ethyl	MCPA	Diquat
Quinclorac	Fomesafen	

CCM will exclusively analyze one or several following topics for each herbicide in each issue, and involve at least 8 products in each issue.

**■ Supply and Demand**

Cover the latest information of supply and demand for China's top 20 herbicides. Exclusively analyse the trend of their supply and demand in the near future in China

Analyse the influencing factors of its supply and demand, including export and import, capacity expansion, market situation of its competing herbicide, production and consumption in China's herbicide industry.

**■ Price Analysis**

Cover the updated information on herbicide price, including price of raw materials, intermediates and additives, technical and formulations etc.

Figure out the driven forces of its price fluctuation, including labor cost, market demand and supply, crops planting situation, weeds, environmental protection etc. Analyse its current market situation and detailed price trend.

Analyze the herbicide price of China's top 20 herbicide companies, including Zhejiang Xin'an, Zhejiang Zhongshan, Syngenta Nantong, Zhenjiang Jiangnan, Nantong Jiangshan, Shandong Qiaochang et al, from aspect of their production cost, management costs, tax, price, market share and export etc.

**■ Raw Material, Intermediates and Additives**

Report the latest news on demand and supply of raw materials, intermediates and additives in China. CCM will focus on the important raw materials, intermediates and additives in China's herbicide industry.

**Raw materials** include yellow phosphorus, hydrochloride, benzene, chlorine, phenol, methanol, pyridine, etc.

**Intermediates** include paraformaldehyde, diethanolamine, 2,6-Diethylaniline, cyanuric chloride, 3,4-Dimethylaniline, nitrofen, 6-Chloro-2-quinoxalinol nitrofen, etc.

Analyze its influencing factors, including price, supply, demand, production process and current situation, and how they influence the development of herbicide industry.

Exclusively analyze the market trend of the herbicide and its raw materials, intermediates and additives in the short future, including price, production cost, production process, supply and demand, export and import etc.

**■ Production Process**

Report on production processes for herbicide and its intermediate in China, including production process hamper in China, modification of current technology, new advanced production process, and comprehensive utilization of by-products to reduce cost, etc.

Analyse its advantages and disadvantages, from production cost, waste discharge, products quality, industrialization, limitation of raw materials, additives and intermediates, etc.

Exclusively analyse its influences on the company and herbicide industry. And figure out the competitiveness of the production process and its product in herbicide industry.

### ■ Product Registration

Report the registration of China's herbicides and their formulations, including registration requirements, registration number of company, current registration situation and registration trend etc.

Analyse the competitiveness of China's herbicides in exploiting global market, including prevention effect, drug residue, application range, market share and company strategy to explore herbicide market.

Exclusively analyse the development trend of them in the future, focus on their price, market share and export etc.

### ■ Company Dynamics

Cover the latest news in China's company, including new launching of production line, company expansion, merger, and cooperation etc.

Analyse the driven forces of the news, including company strategy, policy and global market situation etc. And figure out the company how to exploit global herbicide market, where and when.

Exclusively analyze its influence on herbicide industry, including herbicide price, supply and demand, export and import etc.

### ■ Policy and Legislation

Introduction of a new policy affecting domestic herbicide industry, focus on its impact on herbicide output, price, export, import, even industrial structure.

Exclusively analyse how and why the policy will influence China's herbicide industry. And figure out China's companies how to handle and use the policy.

### ◆ New herbicide & technology

#### Part 1

- **Report** of a new technology, a new herbicide, or a new additive that China's herbicide industry is searching for

- **Exclusive analysis of** its current market situation and why China needs it badly
- **Company strategies** to achieve it and exploit herbicide market, in both domestic and international
- **Future impact** on the company, herbicide industry in China and the herbicide market

#### Part 2

- **Introduction** of a new technology, a new herbicide, or a new additive that China developed recently
- **Exclusive analysis** of its current market situation, advantages and disadvantages
- **Current situation** of products' promotions in market, its output and sales, and its research process
- **Company strategies** to exploit the market in the future
- **Future market trend** of the products and its technology



### Major CCM Newsletters

- Herbicides China News
- Crop Protection China News
- Insecticides China News
- Fungicides China News
- Corn Products China News
- Pigments China News
- Inks China News
- Renewable Energies China News
- Dairy Products China News
- Forest Chemicals China News
- Bulk Pharmaceuticals China News
- Specialty Paper Chemicals China News

## CHINA HERBICIDE NEWS COULD SATISFY

- **Opponents of herbicide manufactures** who want to know the competitors' latest actions on global herbicide market
- **Import/export companies** targeting China's herbicide markets or paying close attention to the supply of herbicide, raw material and intermediate
- **Herbicide producers** looking for Chinese partners or planning to supply China new herbicides and new technology
- **Equipment suppliers** targeting China with high quality production or processing machinery, or high production lines, or quality control systems
- **Research institutes** desire to transfer new herbicide patent or new technology to China, or to know the latest herbicide or technology in China
- **Analysts and consultants** trying to gain insight into the Chinese fast-growing market of herbicide industry

## HOW DO WE ACHIEVE OUR GOALS

The following methodology is employed by professional researchers in CCM.

- **Telephone interview**

CCM will interview herbicide manufactures, herbicide associations, wholesalers, peasants, raw materials and intermediates suppliers and so on, to gain first-hand information in China's herbicide industry.

- **Face-to-face interview**

CCM carries out face-to-face interviews with herbicide companies, experts, experienced salesman and peasants, to make in-depth analysis & comment on relative issues.

- **Experts consultancy**

CCM has established long-term business relationships with experts in herbicide industry via payment or information offering, and they would contribute stories or comments to CCM termly.

- **Database searching**

CCM has established its own database for relative products, and latest data would be added to the database before verified.

CCM can get authoritative data from Crop Protection Association, China Custom, National Bureau of Statistics and National Ministry of Agriculture, etc.

- **In-depth investigation**

CCM can carry out in-depth investigations on China's herbicide companies, which have great influence on China's herbicide market or global market.

- **Exhibition attendance**

CCM will attend influential exhibitions to obtain the latest information on new products, new technologies, and price etc. CCM will keep in touch with these exhibitors and work out database of these exhibitors for future work.

- **Professional data processing and forecasting**

Team members in CCM are professionals in processing information concerning crop protection, herbicide, econometrics, national trade, polymer chemistry, biochemistry ecology etc.

Professional softwares for data processing and forecasting, including SPSS/SAS, Vensim, Eviews, are applied to facilitate our work. Specialized backgrounds will ensure our work well done.

- **Other methods helpful to our work**

Any working method feasible and helpful to our work is adopted. For instance, internet searching is an important way for information retrieval. Registering to be members of authoritative websites, some useful information could be obtained out there.

### WHY TO SUBSCRIBE?

- To keep track of your competitor's actions in China
- To know the latest technology innovation of herbicide in China
- To find out where the Chinese herbicide market will go next and how your business can be involved in
- To identify new business opportunities in China – where should you invest and when?
- To ensure your procurement – which company can provide high-quality and low-price products
- To gain the latest information on export and import of China's herbicides and intermediates
- To analyze the impacts of guidelines and legislations on herbicide industry in China
- To get insight into the latest peasant trends and market data for herbicide in China

**CCM International Limited** is an independent consulting company focused on China's market. CCM's expertise lies in market researches, newsletters, conferences and databases, in such industries as crop protection, packaging, printing, fine chemicals, food ingredients, polymers, etc. CCM has established a good reputation as one of the key knowledge providers in these industry sectors.

### WHAT YOU WILL HAVE

- PDF newsletter delivered monthly
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- Access to online archive of all previous issues with downloads
- Professional solution to query related to China's herbicides.

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