









MEDICAL DEVICES

PHARMACEUTICALS

CHEMICALS

FOOD & BEVERAGE

ELECTRONICS

Table of Contents and List of Tables

Copyright VENTURE PLANNING GROUP This material is confidential for use by our clients only and may not be reprinted or reproduced.

VPG Publications, Consulting, Clients www.VPGcorp.com

VPG Market Research Reports www.VPGMarketResearch.com

Partner Reports www.LeadingMarketResearch.com

VENTURE PLANNING GROUP 1271 Avenue of the Americas, Suite 4300 New York, NY 10020 Phone + 1 212 564 2838 Fax + 1 212 564 8133 *reports@vpgcorp.com*

Rationale & Objectives

A continuous assessment of the competitive environment is widely recognized as one of the highest priority management responsibilities -- crucial to business survival, growth and profitability. Timely and factual competitive intelligence is vital to the success of all business functions, especially Planning, Marketing, R&D and Manufacturing.

In a highly dynamic and fragmented agrochemical market, besieged by intense competition, the ability to anticipate new product introductions and marketing strategies is particularly important...and spells the difference between success and failure.

The **Top I0**, a unique series of market intelligence studies first introduced by VENTURE PLANNING GROUP in 1987, is designed to provide industry executives with strategically significant competitor information, analysis and insight, critical to the development and implementation of effective marketing and R&D programs. The study's major objectives include:

- To establish comprehensive, factual and cost-effective information base on performance, capabilities, goals and strategies of the world's leading agrochemical companies.
- To help current suppliers realistically assess their technological and marketing capabilities vis-a-vis leading competitors.
- To assist potential market entrants in evaluating prospective acquisitions and joint venture candidates.
- To complement organizations' internal competitor information gathering efforts by providing strategic analysis, data interpretation and insight.
- To identify least competitive market niches with significant growth potential.

Study Content

Worldwide market overview

The study will provide a strategic overview of the worldwide agrochemical market, including:

- Five-year worldwide forecasts for:
 - Major market segments.
 - Key geographic regions.
- Assessment of the U.S. and international trends with potentially significant impact on the agrochemical industry during the next five years, including industry consolidation, market globalization, environmental regulations, etc.
- · Analysis of major market segments.
- Review of key geographic regions, including Western Europe, North America, Japan, Latin America and others.

C OMPANY STRATEGIC ASSESSMENTS

The following companies have been selected as the **Top 10** suppliers with highest worldwide sales of agrochemical products:

• ADAMA	• FMC
• BASF	• Monsanto

- Nufarm
- Bayer • Dow
- Sumitomo
- DuPont Syngenta

For each of the **Top 10** companies, the report will provide an approximately **40-page** strategic analysis, including:

SECTION I: EXECUTIVE SUMMARY

• A 3-5 page synopsis of key sections.

SECTION II: BUSINESS ORGANIZATION

• History of the company's agrochemical business evolution, which is imporant to understanding the corporate culture,

management mentality and strategies.

- · Recent acquisitions, divestitures and major organizational changes.
- Current organizational structure.

SECTION III: SENIOR MANAGEMENT

· Names, titles and background of key executives.

SECTION IV: FACILITIES AND EMPLOYEES

- Administrative, manufacturing and R&D facilities in the U.S. and abroad.
- Manufacturing practices.
- New plants under construction.
- The U.S. and international work force size and distribution.

SECTION V: TECHNOLOGICAL KNOW-HOW

- Internally developed and acquired agrochemical and related capabilities.
- · Proprietary technologies and patent litigation.

SECTION VI: PRODUCT PORTFOLIO

- · Review of major product lines.
- · Applications, advantages and weaknesses of leading products.

SECTION VII: MARKETING TACTICS

- · Promotional tactics.
- Distribution approaches.
- Product service and support.
- Customer relations.

SECTION VIII: FINANCIAL ANALYSIS

- Estimated sales by division, product line and geographic region.
- Five-year sales and operating profit performance.

SECTION IX: R&D EXPENDITURES AND MAJOR PROGRAMS

- Estimated R&D budget.
- Research facilities and staff.
- · New technologies, products and applications in development.

SECTION X: COLLABORATIVE ARRANGEMENTS

- · Joint ventures, distribution, O.E.M. and licensing partners, both industrial and academic.
- Terms of collaborative agreements and specific products involved.

SECTION XI: STRATEGIC DIRECTION

- · Specific business, new product development and marketing strategies.
- Anticipated acquisitions, joint ventures and divestitures.

Comparative analysis

In this section of the report, the Top 10 companies will be ranked according to the following criteria:

- Sales estimates in North America, Europe, Japan and other regions.
- Sales by product category.
- Operating profit and margins.
- R&D expenditures, and others.

Methodology

${ m I}$ nterviews

The **Top 10** report will be based on a combination of primary and secondary information sources, including interviews with executives, financial analysts and others knowledgeable of the companies' operations and strategic directions.

I NDUSTRY SHOWS

The study will also include information generated at major industry shows, marketing conferences, and scientific symposia.

ENTURE PLANNING GROUP'S DATABASE

VPG's proprietary data files contain current information on major agrochemical companies, technologies, products and executives worldwide. These files, developed in the course of over 100 syndicated and numerous single-client studies, will be thoroughly searched to retrieve any information pertinent to the **Top 10** companies' capabilities and strategies.

S econdary information sources

A comprehensive review of the **Top 10** companies' product and financial literature, business and technical periodicals, and pertinent industry analyst reports will be conducted.

LIST OF TABLES

TABLE AÖ-1: ADAMA SALES AND OPERATING PROFIT GROWTH TABLE AÖ-2: ADAMA SALES BY PRODUCT LINE TABLE AÖ-3: ADAMA SALES GROWTH BY PRODUCT LINE TABLE AÖ-4: ADAMA SALES BY GEOGRAPHIC REGION TABLE AÖ-5: ADAMA SALES GROWTH BY GEOGRAPHIC REGION

TABLE BF-1: BASF SALES AND PROFIT GROWTH TABLE BF-2: BASF SALES BY BUSINESS SEGMENT TABLE BF-3: BASF PROFIT BY BUSINESS SEGMENT TABLE BF-4: BASF SALES BY GEOGRAPHIC REGION

TABLE BR-1: BAYER SALES BY SECTOR TABLE BR-2: BAYER SALES BY GEOGRAPHIC REGION TABLE BR-3: BAYER CROPSCIENCE SALES AND OPERATING PROFIT GROWTH TABLE BR-4: BAYER CROPSCIENCE SALES BY PRODUCT LINE

TABLE DC-1: DOW SALES AND OPERATING PROFIT GROWTH TABLE DC-2: DOW SALES BY OPERATING SEGMENT TABLE DC-3: DOW SALES GROWTH BY OPERATING SEGMENT TABLE DC-4: DOW SALES BY GEOGRAPHIC REGION TABLE DC-5: DOW SALES GROWTH BY GEOGRAPHIC REGION TABLE DC-6: DOW AGRICULTURAL SCIENCE SALES BY PRODUCT

TABLE DP-1: DUPONT SALES AND OPERATING PROFIT GROWTH TABLE DP-2: DUPONT SALES BY INDUSTRY SEGMENT TABLE DP-3: DUPONT SALES BY GEOGRAPHIC REGION TABLE DP-4: DUPONT SALES GROWTH BY GEOGRAPHIC REGION

TABLE FM-1: FMC SALES AND PROFIT GROWTH TABLE FM-2: FMC SALES BY BUSINESS SEGMENT TABLE FM-3: FMC PROFIT BY BUSINESS SEGMENT TABLE FM-4: FMC SALES BY GEOGRAPHIC REGION

TABLE MO-1: MONSANTO SALES AND OPERATING PROFIT GROWTH TABLE MO-2: MONSANTO SALES BY GEOGRAPHIC REGION TABLE MO-3: MONSANTO SALES GROWTH BY GEOGRAPHIC REGION TABLE MO-4: MONSANTO SALES BY PRODUCT LINE TABLE MO-5: MONSANTO SALES GROWTH BY PRODUCT LINE TABLE NU-1: NUFARM SALES AND OPERATING PROFIT GROWTH TABLE NU-2: NUFARM SALES BY BUSINESS SEGMENT TABLE NU-3: NUFARM SALES GROWTH BY BUSINESS SEGMENT TABLE NU-4: NUFARM SALES BY GEOGRAPHIC REGION TABLE NU-5: NUFARM SALES GROWTH BY GEOGRAPHIC REGION TABLE NU-6: NUFARM CROP PROTECTION SALES BY PRODUCT CATEGORY

TABLE SU-1: SUMITOMO SALES AND OPERATING PROFIT GROWTH TABLE SU-2: SUMITOMO SALES BY BUSINESS SEGMENT TABLE SU-3: SUMITOMO SALES GROWTH BY BUSINESS SEGMENT TABLE SU-4: SUMITOMO SALES BY GEOGRAPHIC REGION TABLE SU-5: SUMITOMO SALES GROWTH BY GEOGRAPHIC REGION TABLE SU-6: SUMITOMO AGRICULTURAL CHEMICALS SALES AND OPERATING PROFIT GROWTH

TABLE SY-1: SYNGENTA SALES AND OPERATING PROFIT GROWTH TABLE SY-2: SYNGENTA SALES GROWTH BY PRODUCT LINE TABLE SY-3: SYNGENTA OPERATING PROFIT GROWTH BY PRODUCT LINE TABLE SY-4: SYNGENTA SALES GROWTH BY GEOGRAPHIC REGION