

2015 CompetitiveWatch: Dow in the Global Agrochemical Industry - Challenges, Technological Capabilities, Marketing Tactics, Strategic Direction

<https://marketpublishers.com/r/C638B33CD9FEN.html>

Date: September 2015

Pages: 59

Price: US\$ 1,960.00 (Single User License)

ID: C638B33CD9FEN

Abstracts

This strategic assessment of Dow, one of the world's leading agrochemical companies, provides significant competitor information, analysis, and insight critical to the development and implementation of effective marketing and R&D programs. The new report from VPGMarketResearch presents a comprehensive analysis of the company's performance, capabilities, goals and strategies in the global agrochemical market.

SECTION I: EXECUTIVE SUMMARYA 3-5 page synopsis of key sections. **SECTION II: BUSINESS ORGANIZATION**History of the companys agrochemical business evolution, which is important to understandingthe 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, geographic region and product line. 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 DIRECTIONS Specific business, new product development and marketing strategies. Anticipated acquisitions, joint ventures and divestitures. Contains 59 pages and 5 tables

Contents

INTRODUCTION

WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. Major Routine Chemistry Tests

1. Albumin
2. Alkaline Phosphatase
3. ALT/SGPT
4. Ammonia
5. Amylase
6. AST/SGOT
7. Bilirubin
8. Blood Gases
9. Blood Urea Nitrogen (BUN)
10. Calcium
11. Cholesterol
12. Cholinesterase
13. Creatinine
14. Electrolytes
 - a. Carbon Dioxide/Bicarbonate
 - b. Chloride
 - c. Potassium
 - d. Sodium
15. Fructosamine
16. Gamma-Glutamyl Transpeptidase (GGT)
17. Glucose
18. High Density Lipoprotein (HDL)
19. Iron
20. Lactate Dehydrogenase (LDH)
21. Magnesium
22. Phosphorus
23. Protein
24. Triglycerides
25. Uric Acid
26. Troponin

B. Therapeutic Drug Monitoring (TDM)

1. Overview

2. Carbamazepine
3. Digoxin
4. Gentamicin
5. Lidocaine
6. Lithium
7. Phenytoin/Dilantin
8. Procainamide
9. Quinidine
10. Theophylline
11. Valproic Acid

C. Endocrine Function Tests

1. Cortisol
2. Follicle-Stimulating Hormone (FSH)
3. Gastrin
4. Human Chorionic Gonadotropin (HCG)
5. LH
6. Prolactin
7. T3
8. T3 Uptake
9. Free T3
10. Thyroxine (T4)
11. Free T4
12. TBG
13. TSH

D. Tumor Markers And Special Chemistry Tests

1. Alpha-Fetoprotein (AFP)
2. Carcinoembryonic Antigen (CEA)
3. Ferritin
4. Folate/Folic Acid
5. Occult Blood
6. Prostatic Acid Phosphatase (PAP)
7. Prostate-Specific Antigen (PSA)
8. Vitamin B-12

E. Immunoprotein Tests

1. Complement
 - a. C3
 - b. C4
2. CRP
3. Immunoglobulins (IgA, IgE, IgG, IgM)

4. Protein Electrophoresis

F. Drugs of Abuse

1. Overview
2. Test Methodologies
3. Amphetamines
4. Barbiturates
5. Benzodiazepines
6. Cannabinoids/Marijuana
7. Cocaine
8. Lysergic Acid Diethylamide (LSD)
9. Methadone
10. Methaqualone
11. Opiates
12. Phencyclidine

G. Instrumentation Review

- Abaxis Piccolo
- Abaxis Piccolo Xpress
- Abbott AxSYM
- Abbott Architect c4000
- Abbott Architect i2000 Series
- Abbott Architect ci8200 System
- Abbott i-STAT
- Alfa Wassermann ACE Alera
- AMS Liasys
- Awareness Technologies ChemWell
- Awareness Technology STAT FAX 4500
- Beckman Coulter Unicel Series
- Beckman Coulter Access
- Binding Site ESP600
- bioMerieux Mini Vidas
- Carolina Chemistries BioLis 24i
- DiaSorin Liaison
- Grifols Triturus
- Horiba ABX Pentra 400
- Inverness DS2
- J&J DT System
- J&J Vitros ECi/ECiO
- J&J Vitros 3600
- J&J Vitros 5600

Medica EasyRA
Nova Biomedical Critical Care Xpress
Olympus AU480
Olympus AU5400
Olympus AU53000i
Olympus AU2700
Polymedco Poly-Chem
Polymedco Spotchem EZ
Randox RX Daytona
Randox RX Imola
Roche Modular Analytics
Roche Cobas Integra 400
Roche Cobas Integra 400 Plus
Roche Elecsys
Roche Cobas c311
Roche Cardiac 200
Siemens ADVIA Centaur
Siemens Dimension
Siemens Dimension RxL Max
Siemens Dimension Vista 500
Siemens Immulite
Siemens Stratus
Tosoh AIA-Series
Vital Diagnostics ATAC 8000
Vital Diagnostics Envoy 500

H. Major In Vitro Diagnostic Technologies And Their Potential Applications

1. Monoclonal and Polyclonal Antibodies
2. Immunoassays
 - a. Technological Principle
 - b. Radioimmunoassays (RIA)
 - c. Enzyme Immunoassays (EIA)

Overview

ELISA

EMIT

Immunofiltration

Dot Immunobinding Assays

Capillary Immunoassays

Particle-Membrane Capture Immunoassays

Enzyme Amplification

CEDIA

Electrochemical Immunoassays

d. Fluorescent Immunoassays

Fluorescence Polarization

Time-Resolved Pulse Fluorescence

e. Luminescence

Chemiluminescence

Bioluminescence

f. Latex Agglutination

g. Immunoprecipitation

h. Affinity Chromatography Immunoassays

i. Liposome Flow-Injection Immunoassays

3. IT and Automation

4. Dry Chemistry

5. Biosensors

6. Robotics

7. Chemometrics

8. Molecular Diagnostics

a. Sample Preparation

b. Hybridization

c. Separation

d. Detection/Measurement

Test Formats

a. Filter Hybridization

b. Southern Blot

c. Northern Blot

d. In Situ Hybridization

e. Others

Labeling Techniques

Amplification Methods

Polymerase Chain Reaction

Temperature Cyclers

PCR Variations

Immuno-PCR

QC-PCR.

DAP-PCR

Strand Displacement Activation

TMA

Ligase Chain Reaction

Branched DNA

Hybridization Protection Assay

Nucleic-Acid Sequence-Based Amplification

Self-Sustained Sequence Replicase

Others

Ampliprobe

CAR

CAS

CPT

Dendritic Polymer Technology

ISO-CR

LAT

Probe Networks

RAMP

Repair Chain Reaction

Rolling Circles

Sequence Independent Gene Amplification

Sequence Initiation Reaction

SISPA

Solid Phase Amplification

Detection Technologies

a. Radioactive Methods

Overview**Major Isotopes**

P-32

S-35

H-3

I-125

b. Non-Isotopic Methods

Enzymatic Labels**Chemical Labeling**

Indirect Chemical Labeling

Direct Chemical Labeling

Fluorescence**Chemiluminescence****Electrical Conductivity****Instrumentation Review**

a. Abbott LCx

b. Beckman Coulter/Biomek FK

- c. Becton Dickinson SDA
- d. Bio-Rad GeneScope
- e. Gen-Probe Tigris
- f. Roche Cobas Amplicor
- g. Tecan LS Series

Biochips: Genosensors, Microarrays, and Labs-on-the-chip

- Liquid Transportation and Mixing
- Separation
- Reaction
- Detection

Worldwide Market Overview

1. Business Environment
2. Market Structure
3. Market Size and Growth

Italy

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument and Reagent Sales, and Market Shares

MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for Decentralized Testing Markets
 1. Marketing Approaches
 2. Product Complexity
 3. Customer Preference
 4. Established Suppliers
 5. Emerging Suppliers
 6. Major Types of Distributors
 7. Market Segmentation

POTENTIAL MARKET ENTRY BARRIERS AND RISKS

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

COMPETITIVE ASSESSMENTS

Abbott Laboratories
AdnaGen
Ambrilia
AMDL
Beckman Coulter
Biomedical Diagnostics
BioMerieux
Bio-Rad
Canag Diagnostics
Dako
DiaSorin
Eiken
Fujirebio
Instrumentation Laboratory
J&J
Kyowa Medex
Matritech
Roche
Siemens
Sysmex
Thermo Fisher
Trinity Biotech
Tosoh
Wako
Wallac

List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing Albumin Tests
Major Companies Developing or Marketing Alkaline Phosphatase Tests
Major Companies Developing or Marketing ALT/SGPT Tests
Major Companies Developing or Marketing Amylase Tests
Major Companies Developing or Marketing AST/SGOT Tests
Major Companies Developing or Marketing Bilirubin Tests
Major Companies Developing or Marketing Blood Gas Analyzers
Major Companies Developing or Marketing BUN Tests
Major Companies Developing or Marketing Calcium Tests
Major Companies Developing or Marketing Cholesterol Tests
Major Companies Developing or Marketing Creatinine Tests
Major Companies Developing or Marketing Electrolyte Tests
Major Companies Developing or Marketing GGT Tests
Major Companies Developing or Marketing Glucose Tests
Major Companies Developing or Marketing HDL Tests
Major Companies Developing or Marketing Iron Tests
Major Companies Developing or Marketing LDH Tests
Major Companies Developing or Marketing Magnesium Tests
Major Companies Developing or Marketing Phosphorus Tests
Major Companies Developing or Marketing Protein Tests
Major Companies Developing or Marketing Triglycerides Tests
Major Companies Developing or Marketing Uric Acid Tests
Major Companies Developing or Marketing TDM Tests
Major Companies Developing or Marketing Digoxin Tests
Major Companies Developing or Marketing Lithium Tests
Major Companies Developing or Marketing Phenytoin/Dilantin Tests
Major Companies Developing or Marketing Theophylline Tests
Major Companies Developing or Marketing Valproic Acid Tests
Major Companies Developing or Marketing FSH Tests
Major Companies Developing or Marketing HCG Tests
Major Companies Developing or Marketing LH Tests
Major Companies Developing or Marketing Prolactin Tests
Major Companies Developing or Marketing T3 Tests
Major Companies Developing or Marketing T4 Tests
Major Companies Developing or Marketing TSH Tests

Major Companies Developing or Marketing AFP Tests
Major Companies Developing or Marketing CEA Tests
Major Companies Developing or Marketing Ferritin Tests
Major Companies Developing or Marketing Occult Blood Tests
Major Companies Developing or Marketing Prostatic Acid Phosphatase Tests
Major Companies Developing or Marketing PSA Tests
Major Companies Developing or Marketing Vitamin B-12/Folate Tests
Major Companies Developing or Marketing CRP Tests
Major Companies Developing or Marketing Drugs of Abuse Tests
Major Companies Developing or Marketing Biosensors for Clinical Chemistry Testing
Major Companies Developing or Marketing Biosensors for Immunological Testing
Major Companies Developing or Marketing DNA Probes for Cancer Testing
Major Companies Developing or Marketing DNA Probes for Genetic Disease Testing
Worldwide, All Market Segments, Estimated Laboratory Universe Performing Chemistry and Immunodiagnosics Tests By Country
Worldwide, All Market Segments, Estimated Chemistry and Immunodiagnosics Consumable Market By Country
Worldwide, All Market Segments, Estimated Chemistry and Immunodiagnosics Instrument Sales By Country
Worldwide, All Market Segments, Estimated Total Chemistry and Immunodiagnosics Market By Country
Executive Summary Table: Italy, Clinical Chemistry and Immunoassay Test Volume and Diagnostics Sales Forecast By Test Category
Italy, Laboratories Performing Chemistry and Immunoassay Tests By Market Segment
Italy, Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed Size
Italy, Commercial/Private Laboratories Performing Chemistry and Immunoassay Tests By Annual Test Volume
Italy, Total Chemistry and Immunoassay Specimen Volume Forecast
Italy, All Market Segments, Specimen Volume Forecast By Test Category
Italy, Total Clinical Chemistry and Immunoassay Test Volume Forecast By Test Category
Italy, Routine Chemistry Test Volume Forecast By Market Segment
Italy, Endocrine Function Test Volume Forecast By Market Segment
Italy, Tumor Markers and Special Chemistry Test Volume Forecast By Market Segment
Italy, Immunoprotein Test Volume Forecast By Market Segment
Italy, TDM Test Volume Forecast By Market Segment
Italy, Drugs of Abuse Test Volume Forecast By Market Segment
Italy, All Market Segments, Profiles, Panels and Individual Tests Forecast
Italy, Hospital Laboratories, Profiles, Panels and Individual Tests Forecast

Italy, Commercial/Private Laboratories, Profiles, Panels and Individual Tests Forecast

Italy, All Market Segments, Routine Chemistry Test Volume Forecast by Assay

Italy, Hospital Laboratories, Routine Chemistry Test Volume Forecast by Assay

Italy, Commercial/Private Laboratories, Routine Chemistry Test Volume Forecast by Assay

Italy, All Market Segments, Endocrine Function Test Volume Forecast by Assay

Italy, Hospital Laboratories, Endocrine Function Test Volume Forecast by Assay

Italy, Commercial/Private Laboratories, Endocrine Function Test Volume Forecast by Assay

Italy, All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Italy, Hospital Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Italy, Commercial/Private Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Italy, All Market Segments, Immunoprotein Test Volume Forecast by Assay

Italy, Hospital Laboratories, Immunoprotein Test Volume Forecast by Assay

Italy, Commercial/Private Laboratories, Immunoprotein Test Volume Forecast by Assay

Italy, All Market Segments, TDM Test Volume Forecast by Assay

Italy, Hospital Laboratories, TDM Test Volume Forecast by Assay

Italy, Commercial/Private Laboratories, TDM Test Volume Forecast by Assay

Italy, All Market Segments, Drugs of Abuse Test Volume Forecast by Assay

Italy, Hospital Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Italy, Commercial/Private Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Italy, Total Clinical Chemistry and Immunoassay Reagent Market Forecast By Test Category

Italy, Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast By Test Category

Italy, Routine Chemistry Reagent Market Forecast By Market Segment

Italy, Endocrine Function Reagent Market Forecast By Market Segment

Italy, Tumor Markers and Special Chemistry Reagent Market Forecast By Market Segment

Italy, TDM Reagent Market Forecast By Market Segment

Italy, Immunoprotein Reagent Market Forecast By Market Segment

Italy, Drugs of Abuse Reagent Market Forecast By Market Segment

Italy, All Market Segments, Routine Chemistry Reagent Market Forecast by Assay

Italy, Hospital Laboratories, Routine Chemistry Reagent Market Forecast by Assay

Italy, Commercial/Private Laboratories, Routine Chemistry Reagent Market Forecast by Assay

Italy, All Market Segments, Endocrine Function Reagent Market Forecast by Assay

Italy, Hospital Laboratories, Endocrine Function Reagent Market Forecast by Assay

Italy, Commercial/Private Laboratories, Endocrine Function Reagent Market Forecast by Assay

Italy, All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Italy, Hospital Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Italy, Commercial/Private Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Italy, All Market Segments, Immunoprotein Reagent Market Forecast by Assay

Italy, Hospital Laboratories, Immunoprotein Reagent Market Forecast by Assay

Italy, Commercial/Private Laboratories, Immunoprotein Reagent Market Forecast by Assay

Italy, All Market Segments, TDM Reagent Market Forecast by Assay

Italy, Hospital Laboratories, TDM Reagent Market Forecast by Assay

Italy, Commercial/Private Laboratories, TDM Reagent Market Forecast by Assay

Italy, All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay

Italy, Hospital Laboratories, Drugs of Abuse Reagent Market Forecast by Assay

Italy, Commercial/Private Laboratories, Drugs of Abuse Reagent Market Forecast by Assay

Italy, Clinical Chemistry and Immunoassay Instrument Market Forecast By Analyzer Type

Italy, Major Suppliers of Clinical Chemistry Diagnostics Products, Estimated Sales and Market Shares

Italy, Major Suppliers of Immunoassay Diagnostic Products, Estimated Sales and Market Shares

I would like to order

Product name: 2015 CompetitiveWatch: Dow in the Global Agrochemical Industry - Challenges, Technological Capabilities, Marketing Tactics, Strategic Direction

Product link: <https://marketpublishers.com/r/C638B33CD9FEN.html>

Price: US\$ 1,960.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C638B33CD9FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

