



E N I G M A
MARKETING RESEARCH

New Off-Patent/Generic Agrochemicals - post 2009

A new report, the 7th in the series on the market for Off-patent/generic agrochemicals which will assist:

Generic Manufacturers

Contract Manufacturers

Marketing Companies

Intermediate Suppliers

R&D-based Multinationals

Investment Companies

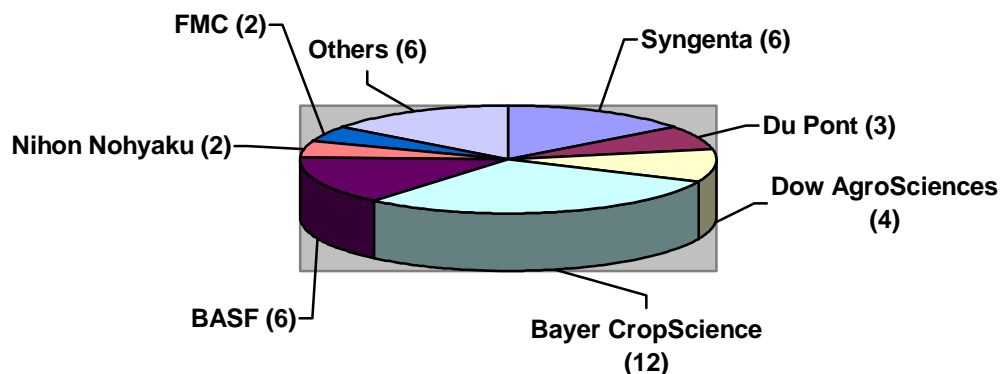
- Identify their next off-patent/generic active substance for development.
- Recognise new opportunities in the buoyant and expanding off-patent/generic agrochemical sector.
- Understand the issues of developing new off-patent/generic agrochemicals.
- Navigate registration procedures in all the major markets.

New Off-Patent/Generic Agrochemicals – post 2009

Features 41 active substances whose patents will expire between 2009-2013 (in some countries patent term extension beyond 2013 may exist) or granted patent term extension will expire between 2011-2015.

acetamiprid	acibenzolar-S-methyl	amicarbazone
azoxystrobin	bifenazate	cafenstrole
carfentrazone-ethyl	cinidon-ethyl	clothianidin
cyazofamid	cyclosulfamuron	cyprodinil
emamectin benzoate	ethoxysulfuron	famoxadone
fenamidone	fenhexamid	florasulam
flufenacet	flupyrsulfuron-methyl-sodium	indanofan
indoxacarb	iprovalicarb	isoxaflutole
kresoxim-methyl	mefenpyr-diethyl	mesotrione
picolinafen	picoxystrobin	propoxycarbazone
pyraflufen-ethyl	quinoxifen	silthiofam
spinosad	spiroxamine	sulfentrazone
thiacloprid	trifloxystrobin	triticonazole
tritosulfuron	zoxamide	

Active Substances profiled in this report by inventor company.



Key data in active substance profile:

Patents

- European patent number and expiry date
- UK Supplementary Protection Certificates (SPCs)
- US patent number and expiry date
- INPADOC patent family

Product Profile

- Activity
- Combination active substances
- Trade names
- Biochemistry
- Mode of action
- Uses
- Types of formulated products
- Major crops
- Major markets

Registration issues

- US Environmental Protection Agency (EPA)
- EU Directive 91/414
- Web links to registration documents

Chemistry

- Minimum purity of technical material
- Generic manufacturing companies
- Synthetic pathway
- Alternative synthetic pathway (where appropriate)
- Key intermediates

Summary

- Analysis of the opportunity for generic competition.

Report Outline

Section 1: Introduction to the global agrochemical market

In 2007, the agrochemical industry grew substantially by nearly 10% and there is significant optimism that a period of sustained growth over the next five years will occur. This section looks at some of the reasons for this optimism.

Section 2: Defending a market post patent expiry

With over 70% of all products off-patent the top six R&D based companies control over 75% of the market – how do they achieve this?

How do inventor companies defend markets once patents have expired?

In preparation for patent expiry a variety of strategic options are utilised by the inventor company to defend market share:

- **Intellectual Property Rights**
- **Protected Registration Data**
- **Technical Defence via Process Know How**
- **Marketing Alliances - “Authorised Generic”**

Section 3: Developing new off-patent/generic agrochemical

With many active substances coming off patent choosing the right off-patent/generic to develop requires analysis of the following key areas:

- **The Marketing Environment**
- **Intellectual Property Rights**
- **Chemistry/Technology of Manufacture**
- **Registration Issues**

Each area is reviewed and the key strategies employed by generic companies to enter markets are discussed.

Section 4: Profiles of 41 active substances

The Active Substance profiles contained in this report will help you determine which strategy, or combination of strategies is likely to be employed by the patent holder in order to protect market share.

Section 5: Registration procedures in the major agrochemical markets: EU, USA, Japan, Brazil, Australia, China and India

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Purchase Contract

**New Off-Patent/Generic Agrochemicals
- post 2009**

The purchase price for this study is		£3,250
Company Name:		
Address for delivery:		
Fax:	Phone:	E-mail:
Authorising Agent (print):		(signature):
Position in Company:		
Date:		

Please print out and E-mail to:

nigel.uttley@enigmamarketingresearch.com

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Whilst every effort has been made to ensure that the patent information given herein is accurate, this report cannot be considered to be an exhaustive review of the patents status of the compound and no guarantee can be given as to its accuracy or completeness.

This report identifies those patents believed to be the basic product patents for the compound in question. However, it is possible that there may be other patents and patent applications, not identified in this report, relating to *inter alia* particular derivatives, salts, isomers, crystalline forms, uses, compositions and processes for the manufacture of the product, and which may be relevant to the commercialisation of the product.

Unless otherwise stated, the patent expiry dates given are projected expiry dates based on the filing dates (or where appropriate grant dates) of the patents, assuming that all of the annual renewal fees have been paid and assuming also that the patents have not been revoked or otherwise allowed to lapse. Moreover, in certain countries it is possible for the term of a patent relating to an agrochemical to be extended and, where we are aware of such extensions, they have been noted in this report. However, the absence of any mention of patent term extensions in this report should not be taken as an authoritative statement that no such extensions have been granted. We would strongly recommend that the official UK (or other country) patent office register be inspected to obtain final confirmation as to the current status or expiry dates of the patents.

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