



**International Conference on Alternatives  
to Methyl Bromide  
Lisbon, Portugal 27-30 September 2004**

**Update on the review of pesticides in the  
European Union and implications for  
methyl bromide and chemical alternatives**

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## TOPICS

- Existing active substances
- New active substances
- Amending Directive 91/414
- Status of alternatives



# Existing active substances





# Prolongation of deadline

- ◆ First stage: 2003 (exceptionally 2005)
- ◆ Second stage: 2005
- ◆ Third stage: 2008
- ◆ Fourth stage: 2008



# State of the Review Program for existing active substances

**Existing active substances (on the market in July 1993)**

**Stage 1: 90 active substances (Regulation 3600/92)**

**Stage 2: 148 active substances  
(Regulations 451/2000 and 703/2001)**

**Stage 3: 399 active substances  
(Regulations 451/2000 and 1490/2002)**

**Stage 4: 384 active substances (Regulation 1112/2002 and  
Decision 2003/565/EC)**



# Review Program for existing active substances - Stage 1

## Situation today

All draft evaluation reports received

Peer review finalized

Decisions - inclusion: 39

- non-inclusion: 27

Decisions under discussion : 24



# Review Program for existing active substances - Stage 2

## Regulation 451/2000 (148 substances)

- ◆ 96 substances withdrawn in 2002
- ◆ Dossiers for 53 substances
- ◆ 1 incomplete - non inclusion in 2003
- ◆ Draft Assessment Reports in 2003
- ◆ Peer review by EFSA
- ◆ Decisions 2004-2005



## Stage 3 - 399 substances

**Basic rules : Regulation 451/2000  
Regulation 1490/2002**

- ◆ **151 substances notified**
- ◆ **3A has currently 68 substances; 3B has 79**
- ◆ **2076/2002 withdrew 225 substances in November 2003**  
**2004/129 withdrew 14 substances in January 2004**
- ◆ **Essential uses**
- ◆ **Complete dossiers in November 2003 and 2004**  
**and decisions during 2004-2008**
- ◆ **5 decisions on non-inclusion voted in June 2004**





# Review Program for existing active substances - Stage 4

- micro-organisms
- substances authorized in human foodstuffs or animal feeding stuffs
- plant extracts
- animal products
- attractants / repellants / traps or dispensers
- rodenticides
- substances used on stored plants or stored plant products
- specified commodity chemicals



# Review Program for existing active substances - Stage 4

## Regulation 1112/2002

- Notification procedure for 193 substances
- Decision on 87 for non-inclusion in March 2004
- 297 active substances in stage 4  
( Notification + Accession )



# Review Program for existing active substances - Stage 4

- groups of substances
- cooperation RMS
- lead RMS
- involvement new Member States
- deadlines
- two approaches for data requirements



# Review Program for existing active substances - Stage 4

- **Data requirements for plant extracts and certain chemical substances**
- **Guidance on format of dossiers**



## Annex I: 1021 existing actives in 4 phases

	N° a.i.s	In	Out	Pending	Deadline
1	90	39	27	24	2005
2	148	-	96	52	2005
3	399	-	252	147	2008
4	384	-	87	297	2008



# New active substances





# New active substances

## Situation

- ⇒ **100 Chemical substances**
- ⇒ **10 microorganisms in the system.**
- ⇒ **48 dossiers under review (23 COM/ 25 EFSA)**
- ⇒ **52 inclusion**
- ⇒ **8 non-inclusion**



# Amending Directive 91/414







## **91/414 Amendment**

- **Stakeholder workshop July 2002 and January 2004**
- **Drafting in progress**
- **Political issues under discussion**
- **Comments stakeholders until 31.3.2004**
- **Interservice consultation**
- **New stakeholder consultation**
- **Possible adoption in 2005**



# 91/414 Amendment

## Political issues

- ◆ centralized decision making/zonal evaluation
- ◆ data protection balance research/generics



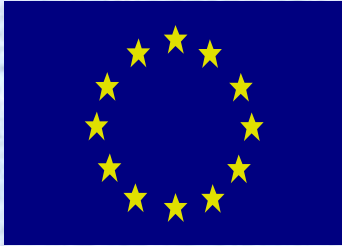
# Amending 91/414/EEC...

- Centralisation
- Borderlines
- Fees
- Parallel import
- Low-risk actives
- Comparative assess
- Data protection
- Data access
- Operator safety
- GMOs,
- Mutual recognition
- Scope
- Monitoring
- Controls
- Substitution
- Minor uses
- Criteria
- EFSA



# Status of Alternatives





# Plant Protection Products

## Definition:

- **active substances and preparations containing one or more active substances, put up in the form in which they are supplied to the user, intended to:**



# Plant Protection Products

- ☞ **Protect plants or plant products against all harmful organisms**
- ☞ **Prevent the action of such organisms**
- ☞ **Influence the life processes of plants, other than as a nutrient**
- ☞ **Preserve plant products, in so far as such substances or products are not subject to special Council of Commission provisions on preservatives**
- ☞ **Destroy parts of plants, check or prevent undesired growth of plants**



# Substances

## Definition:

**chemical elements and their compounds,  
as they occur naturally or by manufacture,  
including any impurity inevitable resulting  
from the manufacturing process**



# Active Substances

## Definition:

**Substances or micro-organisms including viruses,  
having general or specific action:**

**-against harmful organisms or**

**-on plants, parts of plants or plant products**





# Treatments for soil that are not considered as PPP

- **steam or hot air treatments**
- **solarisation**
- **grafted plants, use of resistant rootstock**
- **crop rotation**
- **cultural practices**
- **substrates, soil-less cultivation**



## Treatments for commodities that are not considered as PPP

- ➔ **heat treatments**
- ➔ **cold / freezing treatments**
- ➔ **aeration of grain**
- ➔ **hermetic storage**
- ➔ **pressure or vacuum treatments**
- ➔ **reduced levels of oxygen  
or increased levels of carbon dioxide**



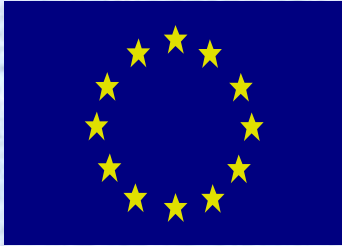
# Alternatives for methyl bromide

- ☺ 1,3-D
- ☺ Metam
- ☺ Sulfuryl fluoride
- ☺ Chloropicrin
- ☺ Cadusafos
- ☺ Oxamyl
- ☺ Carbofuran
- ☺ Etridiazole
- ☺ Sodium tetrathiocarbonate
- ☺ Phenamiphos
- ☺ Malathion
- ☺ Pirimiphos- methyl
- ☺ Deltamethrine
- ☺ Propamocarbe



# 1,3-D

<b>Stage</b>	<b>2nd</b>
<b>Rapporteur Member State</b>	<b>Spain</b>
<b>Receipt of dossier</b>	<b>30.4.02</b>
<b>Completeness check</b>	<b>Complete 28.10.02</b>
<b>DAR</b>	<b>16.01.2004</b>
<b>Possible decision</b>	<b>2005</b>



# Metam (Sodium or potassium)

<b>Stage</b>	<b>3B</b>
<b>Rapporteur Member State</b>	<b>Belgium</b>
<b>Receipt of dossier</b>	<b>(30.11.2004)</b>
<b>Completeness check</b>	
<b>Possible decision</b>	<b>2008</b>



# Sulfuryl fluoride

<b>Stage</b>	<b>New A.S.</b>
<b>Rapporteur Member State</b>	<b>United Kingdom</b>
<b>Receipt of dossier</b>	<b>29.7.02</b>
<b>Completeness check</b>	<b>Complete 6.5.2003</b>
<b>DAR</b>	<b>(2004)</b>
<b>Possible decision</b>	<b>2006</b>



# chloropicrin

<b>Stage</b>	<b>3A</b>
<b>Rapporteur Member State</b>	<b>United Kingdom</b>
<b>Receipt of dossier</b>	<b>30.11.2003</b>
<b>Completeness check</b>	<b>Complete 18.5.2004</b>
<b>DAR</b>	<b>(2005)</b>
<b>Possible decision</b>	<b>2008</b>



# Sodium tetrathiocarbonate

**Stage**

**3B**

**Rapporteur Member State**

**Spain**

**Receipt of dossier**

**(30.11.2004)**

**Completeness check**

**Possible decision**





# Cadusafos

Stage	2nd
Rapporteur Member State	Greece
Receipt of dossier	30.4.2002
Completeness check	Complete 30.04.2003
DAR	1.6.2004
Possible decision	2005



# Oxamyl

<b>Stage</b>	<b>2nd</b>
<b>Rapporteur Member State</b>	<b>Ireland</b>
<b>Receipt of dossier</b>	<b>30.4.2002</b>
<b>Completeness check</b>	<b>Complete 11.10.2002</b>
<b>DAR</b>	<b>25.8.2003</b>
<b>Possible decision</b>	<b>2005</b>



# Carbofuran

<b>Stage</b>	<b>2nd</b>
<b>Rapporteur Member State</b>	<b>Belgium</b>
<b>Receipt of dossier</b>	<b>30.4.2002</b>
<b>Completeness check</b>	<b>Complete 30.04.2003</b>
<b>DAR</b>	
<b>Possible decision</b>	<b>2005</b>



# Phenamiphos

**Stage**

**2nd**

**Rapporteur Member State**

**Netherland**

**Receipt of dossier**

**(30.4.2002)**

**Completeness check**

**Complete 11.9.2002**

**DAR**

**27.11.2003**

**Possible decision**

**2005**



# Malathion

<b>Stage</b>	<b>2nd</b>
<b>Rapporteur Member State</b>	<b>Finland</b>
<b>Receipt of dossier</b>	<b>30.4.2002</b>
<b>Completeness check</b>	<b>Complete 28.10.2002</b>
<b>DAR</b>	<b>2.2.2004</b>
<b>Possible decision</b>	<b>2005</b>



# Pirimiphos- methyl

<b>Stage</b>	<b>2nd</b>
<b>Rapporteur Member State</b>	<b>United Kingdom</b>
<b>Receipt of dossier</b>	<b>30.4.2002</b>
<b>Completeness check</b>	<b>Complete 25.10.2002</b>
<b>DAR</b>	<b>4.11.2003</b>
<b>Possible decision</b>	<b>2005</b>



# Deltamethrine

**Stage**

**1st**

**Rapporteur Member State**

**Sweden**

**Decision**

**Inclusion 14.01.2003**



# Propamocarbe

**Stage**

**2nd**

**Rapporteur Member  
State**

**Ireland**

**Receipt of dossier**

**30.4.2002**

**Completeness check**

**Complete 1.4.2003**

**DAR**

**Possible decision**

**2005**





# Etridiazole

<b>Stage</b>	<b>3B</b>
<b>Rapporteur Member State</b>	<b>Netherland</b>
<b>Receipt of dossier</b>	<b>(30.11.2004)</b>
<b>Completeness check</b>	
<b>DAR</b>	
<b>Possible decision</b>	<b>2008</b>



# Documents on Internet

[http://europa.eu.int/comm/food/plant/protection/index\\_en.htm](http://europa.eu.int/comm/food/plant/protection/index_en.htm)

**For substances status : doc. 3010**

**For general status : “State of the Works” (rev. 66)**

**For background : Report to Council and Parliament**