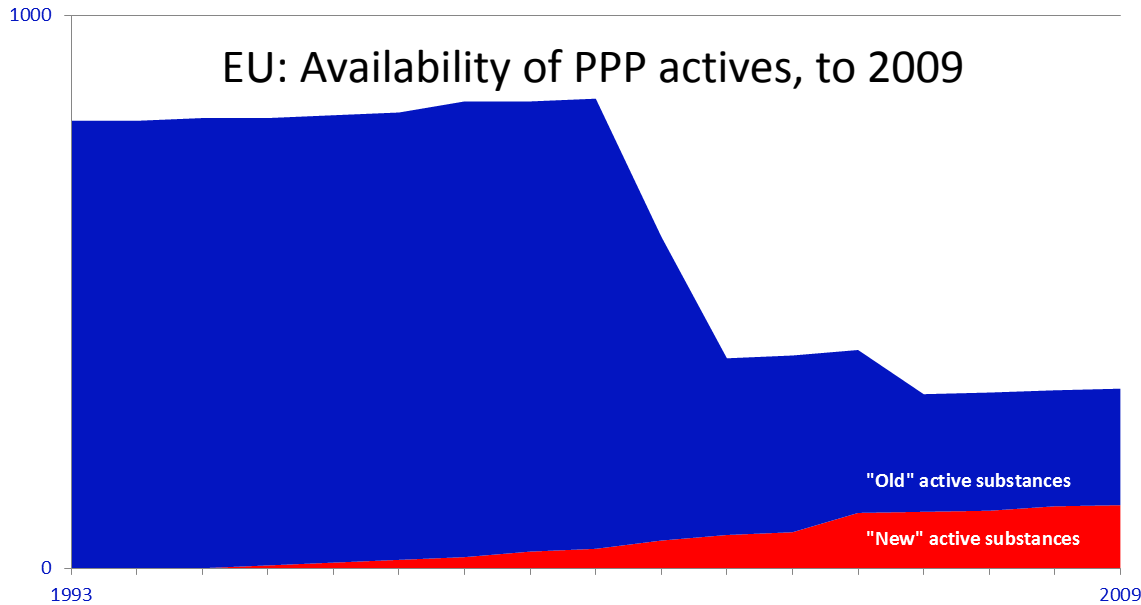


# Crop Protection

CropTec 2014

Guy Gagen, Chief Arable Adviser

# EU registered actives: 2/3 gone, more at high risk of loss



epoxiconazole  
chlorothalonil  
cyproconazole  
prothiaconazole  
tebuconazole

glyphosate  
metazachlor  
propyzamide  
pendimethalin

cypermethrin  
some neonics & uses

metazachlor  
propyzamide  
pendimethalin

metaldehyde

# CAP and Production

- Greening:
  - ‘EFA’ N-fixing, hedges, catch + cover crops, but limited species? no radish?
- Agri-Environment:
  - Double Funding, 2012-2104 ‘admin’ gap?
- Price risk:
  - Market Management : MiFID



# Crop Protection Investment

THE SHARE OF CROP PROTECTION  
R&D INVESTMENT IN THE  
EUROPEAN MARKET FELL FROM:

**33.3%**  
IN THE 1980s TO  
**7.7%**  
BY 2005-14

THE NUMBER OF NEW  
CROP PROTECTION  
PRODUCTS COMING  
TO THE MARKET  
PER YEAR HAS  
DROPPED BY  
**70%**

# Crop Protection Legislation

- 1991 Directive, central actives registration
  - simplification, more clarity,
  - assessed **risk**: classically, '*the poison is in the dose*'
  - reduced registrations and innovation
- 2009 Regulation –very ambitious
  - implementation still being worked out into 2015...
  - assesses **hazard**: precautionary, '*don't even go there*'
  - brings much uncertainty
- How's it working?
  - Increasing use of EU 5 year derogations and national emergency use approvals

# Crop Protection Registrations


- Evidence based on modelling – how to introduce real data?
- Where is data generated? Water companies, EA –always accurate?
- EU instinct is to Regulate First
  - Precautionary Principle over Innovation Principle



# Crop Protection – asks for change

*Crop Production Technology:*


***The Effect of the Loss of Plant Protection Products on UK Agriculture and Horticulture and the Wider Economy***



**ANDERSONS**  
THE ANDERSONS CENTRE

**Healthy HARVEST**

The impact of losing plant protection products on UK food production



aic  
Crop Protection Association  
NFU

**NFU**United  
There's strength in members.



# Crop Protection: EU Consultation

Consultation Jan 2015: Endocrine Disruptor 'hazard cut off' definition

Active names	Arable	Vegetable (inc Potato)	Some product names (for illustration purposes)
<b>FUNGICIDES</b>			
Mancozeb	Y	Y	Laminator, Manzate, Penncozeb, Fobul Gold WG, Guru
Iprodione	Y	Y	Compass, Hi-Prodione, Rovral Aqua-flo, Rovral WG
Cyproconazole	Y	Y	Alto Elite, Alto Xtra, Furlong, Escolta
Epoxiconazole	Y		Adexar, Bassoon, Kingdom, Keystone
Maneb	Y	Y	Trimangol 80, Trimangol WDG
Metconazole	Y	Y	Juventus, Caramba, Librax
Fluazinam		Y	Legacy, Ibiza 500, Nando 500SC
<b>HERBICIDES</b>			
loxynil	Y	Y	Oxytril CM, Stellox, Totril
Linuron		Y	Messidor 45 SC, Linurex 50SC, Cleancrop Affable
flumioxazine	Y		Digital, Guillotine, Sumimax
S-metolachlor	Y		Dual Gold
Terbuthylazine	Y		Alpha Bromotril PT, Calaris
<b>INSECTICIDES</b>			
Abamectin		Y	Dynamec, Agrimec
Thiacloprid	Y	Y	Biscaya, Calypso, Provado Ultimate Bug Killer



# CAP and Crop Protection

- Aim of presentations - improve outcomes by:
  - meeting the speakers and exhibitors
  - exchanging ideas at CropTec today, and later
  - following up on Endocrine Disruptor consultation
  - profiting your business through innovation
  - equipping you to tell your story –  
with MPs, MEPs and the public