

Amenity Forum

Updating Events 2015

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Overview

Pesticides

Hazardous substances, potential for adverse impacts on human health and the environment (e.g. water);

Great benefits for society if used responsibly.

- Application prepared (over £200m+)
- Regulation (EC) 1107/2009



- Official guidance
- Voluntary initiatives
- Sustainable Use Directive 2009/128/EC



- Statistics Regulations 1185/2009/EC
- PIAP
- WIIS
- WFD

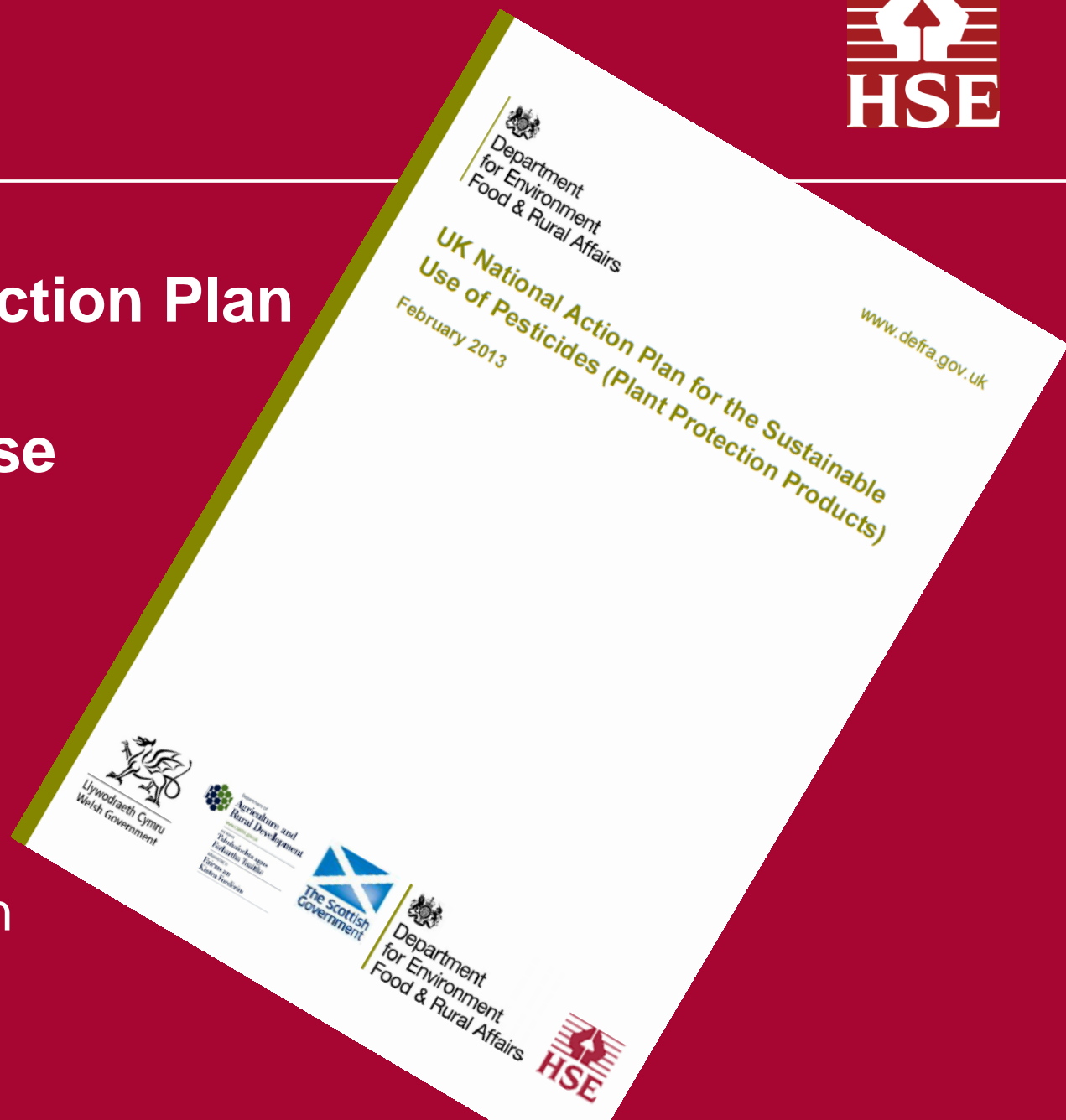




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UK National Action Plan (NAP) for the Sustainable use of Pesticides

Available: free on
www.gov.uk



NAP: Context and priorities

UK already has a mature and effective control regime.

Issues to be addressed:

- Improved protection for water;
- Improving practice in non-agricultural sectors;
- Promoting alternative approaches.

Content of the NAP

Major role for industry initiatives:

- Raising awareness;
- Developing guidance;
- Measures/mechanisms such as BASIS Amenity Training Register and Amenity Assured to improve practice.

Government R&D on alternative approaches.

Alternative Approaches, what do we mean?

Sustainable Use Regulations 2012:

“Careful consideration of all available plant protection methods and subsequent integration of appropriate measures that discourage the development of populations of harmful organisms and keep the use of pesticides and other forms of intervention to levels that are economically and ecologically justified and reduce or minimise risks to human health or the environment.”

Alternative approaches: What do we mean?

Sustainable Use Directive (2009/128/EC Annex
III):

PREVENTION

Do you need surfaces like block paving?
Tarmac areas require less maintenance

Alternative approaches: What do we mean?

Sustainable Use Directive (2009/128/EC Annex
III):

MONITORING

Do you know where your watercourses are?
Are there any areas that have significant weed
growth?

Alternative approaches: What do we mean?

**Sustainable Use Directive (2009/128/EC Annex
III):**

DECISION-MAKING

Do you know when to act on weeds?

**Inappropriate timing of application can waste time
and money**

Alternative approaches: What do we mean?

**Sustainable Use Directive (2009/128/EC Annex
III):**

NON-CHEMICAL OPTIONS

**What mechanical or cultural options are available
to you?**

**Technology is always moving on. What you know
today may not be relevant tomorrow!**

Alternative approaches: What do we mean?

**Sustainable Use Directive (2009/128/EC Annex
III):**

NECESSARY LEVELS

**Targeted coverage
Full dose vs. low dose**

Alternative approaches: What do we mean?

**Sustainable Use Directive (2009/128/EC Annex
III):**

ANTI-RESISTANCE

**Continued use of one product may result in
weeds building up resistance to a herbicide!**

Alternative approaches: What do we mean?

**Sustainable Use Directive (2009/128/EC Annex
III):**

CHECK SUCCESS

**Regularly review the programme to see if it is
working?**

Consider alternative options for next season?



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Defra's
Thanet project
'Best Practice'
Guidance



Available free from:
www.amenityforum.co.uk

Research

5yr project looking at three weed control options:



Herbicide only – two programmed treatments:

1st - between April and May

2nd - between August and September

Integrated:

50% Reduced herbicide application
combined with thermal and
mechanical treatment

No herbicide:

Thermal and mechanical treatments
only



Research Key findings:

- Reduction in appearance of glyphosate in drains
- Identification of ‘weediness’ levels that could be applied to future contract specifications;
- Optimising spraying (twice a year) to main weed growth periods;
- Better understanding of cost/benefits of all the alternative options for controlling weeds.

Thank you



Any Questions

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