



Crop Protection Management Plans, ELS and Defra's CSF Delivery Initiative

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Natural England

Topics for today



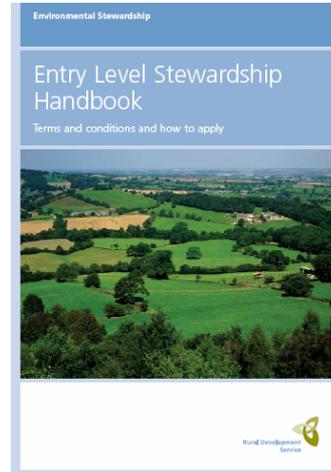
- Overall framework for improving stewardship of pesticides through advice and incentive on farms
- Environmental Stewardship - where are we?
- England CSF Delivery Initiative
- Challenges and next steps

Entry Level Stewardship



Objective; to address landscape scale environmental problems

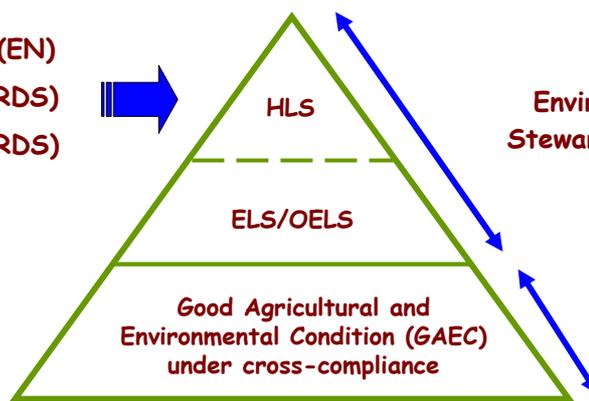
- Diffuse pollution
- Loss of widespread species
- Loss of landscape character
- Damage to archaeology



Incentive Framework



WES (EN)
CSS (RDS)
ESA (RDS)



Environmental Stewardship (NE)

Single Payment Scheme (RPA)

Nos. of agreements

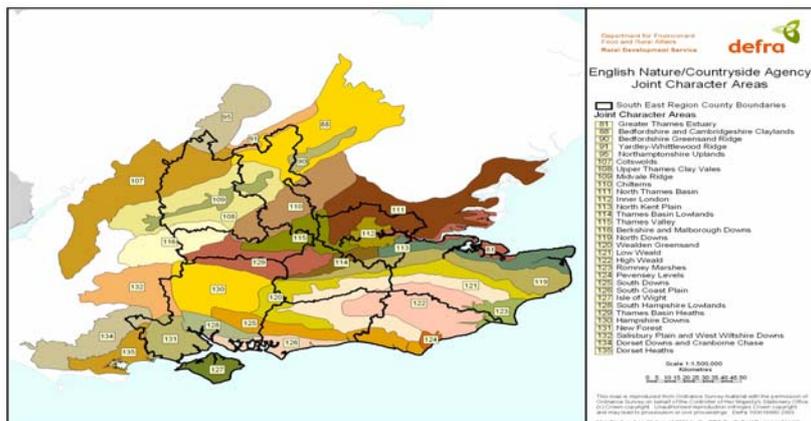
Environmental Stewardship



- Over 50 options in ELS
- Farmer self selects from options to achieve farm points target
- £30 ha flat rate
- ELS options of interest
 - EM4; CPMP - 2 points ha
 - EE1-3; buffer strips - 400 points ha
 - EF9/10; Conservation headlands (with or without fertiliser) 100-300 points ha

NE target
- 60% agricultural land in ELS by 2010

Targeting Based on Joint Character Areas (JCAs)



ELS Guidance Notes

Environmental Stewardship Guidance Notes 2005

Entry Level/Organic Entry Level Stewardship –
Making the most of your options



JCA 026: Vale of Pickering

Entry Level Stewardship (ELS) and Organic Entry Level Stewardship (OELS) offer the opportunity to select from a wide range of Scheme options listed in the Stewardship handbooks. Every option has the potential to bring about environmental benefits. You are free to choose your preferred options, but we hope that this information will help you to choose options which are most important on your farm and in your area.

To provide opportunities for rare arable plants which may be present in the seed-bank



Cultivated margins, conservation headlands, wild bird seed mixtures

EF2-3
OF2
EF9-11

On light soils where you have seen unusual arable plants. Areas known to be rich in rare arable plants are Scampston, Ganton and West Heslerton

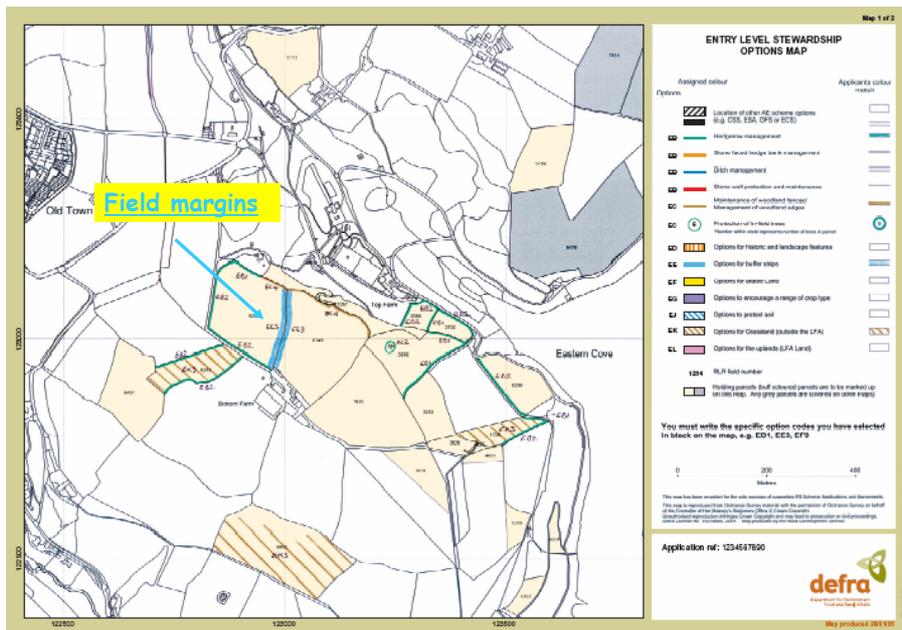
To improve water quality by reducing agricultural inputs to watercourses



Buffer strips, low input grassland, nutrient, manure and crop protection management plans

EE/OE1-8
EK/OK2-3
EM2-4
OM2-3

Adjacent to water courses and on land within Nitrate Vulnerable Zones (NVZs). The Rivers Derwent and Rye and their tributaries are of particular importance.





Conservation headlands



http://omega/Genesis/scheme/es/ELS/OptionSummary.asp?ID=113

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- Workstep Guidance

Genesis Home

- Release Information
- Instruction Notes

Crop protection management plan (EM04)

Points

- EM4, 2 points per ha. This must be based on the field area growing all annual crops other than grassland.

Summary

A crop protection management plan completed for other schemes (such as a farm assurance scheme or LEAF) will count as a crop protection management plan under this option, providing it includes all the requirements described above. Land registered as 'organic' or 'in conversion' is not eligible. The crop protection management plan must be documented and must include the following steps:

[Comment/Discuss \(0\) \(New window\)](#)

Prescriptions
Produce your plan in conjunction with a qualified BASIS agronomist. Comment/Discuss (0) (New window)
Ensure your plan is site-specific and is updated annually. Comment/Discuss (0) (New window)
Make full use of all biological, cultural and chemical methods that can be economically and practically implemented on your farm. Comment/Discuss (0) (New window)
Consider farm location, soil type, previous cropping, rotations and any pesticide



(RDS)

Further Information

This Option is also available under HLS

Q&A

Links

Options

Local intranet



Crop protection management plans

Entry Level Stewardship Handbook
Guidance publications for management plans

Appendix 1

- [Link to VI plans](#)

Crop protection management plan

- Detailed guidance on the production of crop management protection plans is available under the Voluntary Initiative (VI). Please see www.voluntaryinitiative.org.uk for more details.

available on the Defra website at www.defra.gov.uk/farm/farm-enu.htm

- Independent advisory service is available from www.nationalfarmwaste.org.uk (National Farm Waste Register, Kates Farm, Aston Tirrold, Didcot, Oxford OX11 9D1 (Tel: 01235 841326)).

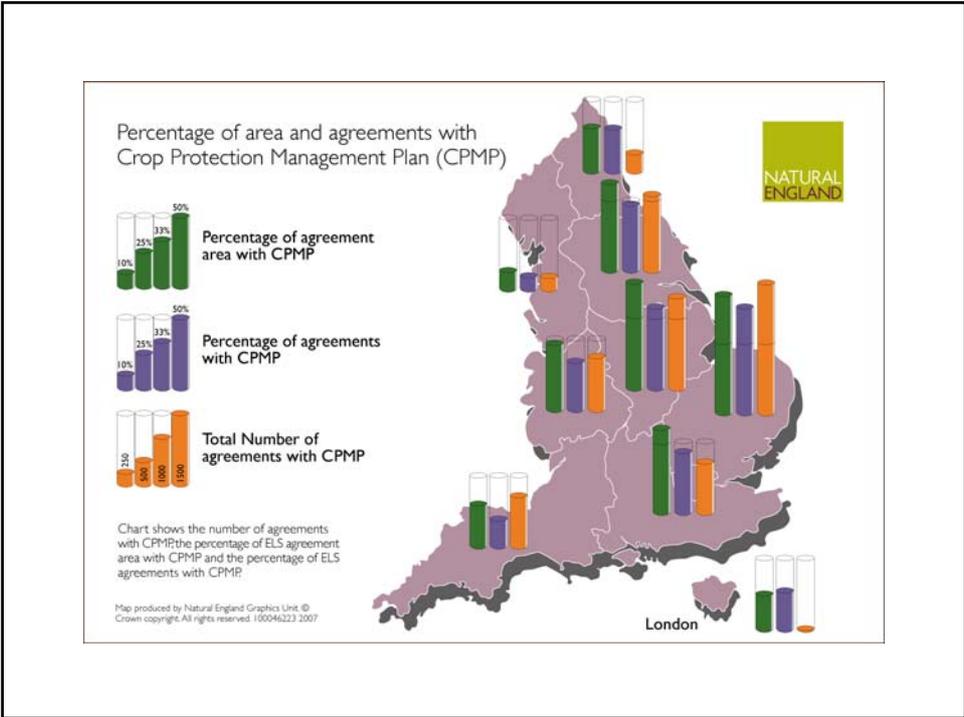
Crop protection management plan

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minimise pollution impact from pesticides

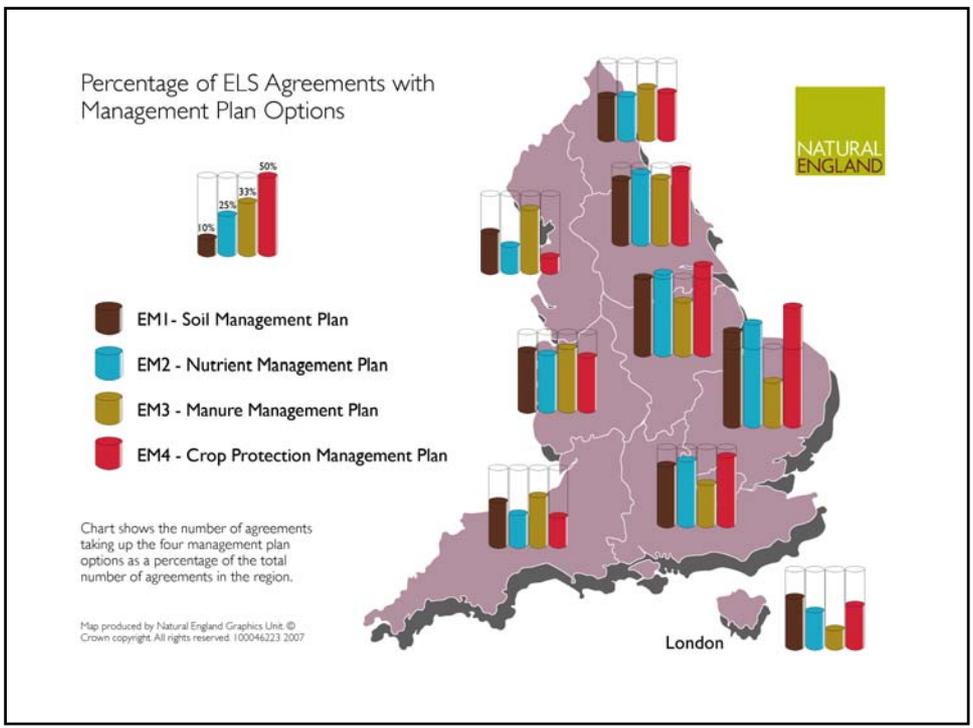
- EM2 is based on field area of annual crops excluding grass

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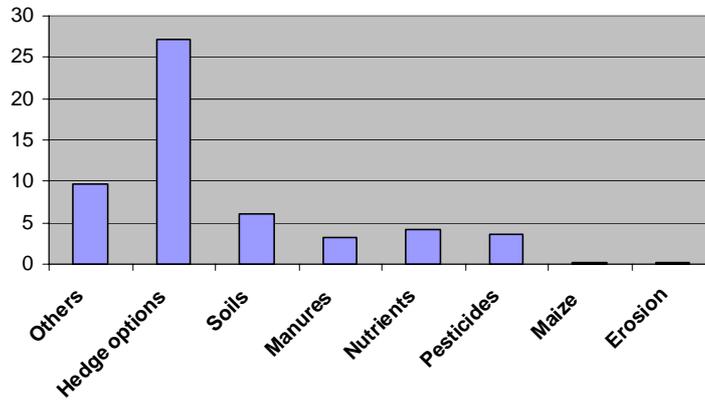


Crop Protection Management Plans - uptake

Region	Agreements	Area (K ha)
East	2,766	595
East Midlands	<p>36% of all ELS agreements have a CPMP</p> <p>56% of land under ELS has a CPMP</p>	
Northeast		
Northwest		
Southeast		
Southwest		
West Midlands	1,117	172
Yorks/Humber	1,595	285



Option spend on ELS (£m / anum)



Total: £53 m, approximately £4.1 m on CPMPs



Opportunity for all:

The strength to take the long-term decisions for Britain

Pre-Budget Report
December 2004

Agriculture

7.63 Over 75 per cent of land in the UK is used for agricultural purposes, so farming practices have a significant impact on the UK's environment. Good agricultural practice can help preserve and improve the natural environment. However, agriculture can also be the source of a range of environmental problems, including water pollution from the inappropriate use of fertilisers and pesticides and climate change through the impact of methane, carbon dioxide and nitrous oxide emissions.

Diffuse water pollution 7.64 The Government is today publishing a summary of responses to the consultation on catchment-sensitive farming²⁰ that was launched in June 2004. The Government is taking immediate steps to work with stakeholders on early voluntary action and supportive approaches and will continue to work on improving the evidence base to inform policy in this area. The Government will consider using other measures where required to tackle diffuse water pollution and meet the Government's commitments under the Water Framework Directive. The Government is mindful of the cumulative impact of forthcoming measures in the agricultural sector and will continue to work with stakeholders in 2005 to develop an effective package of measures for further consultation in due course.



England CSF Delivery Initiative



- Tackling dwpa
- Preparing farmers for WFD
- Sediments, P, N, pesticides and FIO
- Engaging with farmers via a supportive approach using advice and incentives
- Working in priority catchments where practices impact on water quality and habitat condition



**A clear solution
for farmers**
ENGLAND CATCHMENT SENSITIVE
FARMING DELIVERY INITIATIVE

Initiative Activities include



- Catchment appraisal
- Water quality monitoring/evaluation
- Creation of catchment steering groups
- Advice to farmers and land managers
 - 1:1 advice
 - 1 to many (demo, workshops, seminars)
- Capital grant scheme
- Support for 'Associate catchment' activities

<http://defrawebd/rds/farmadvice/ecsfdi/northeast.htm>

defra Rural Development Service

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Humber river basin district

Click map to select catchment

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- Yorkshire and the Humber

 Defra Rural Affairs

Map showing River basin district, Gov. office region, and Catchment area. Catchments 6, 21, 5, 30, 39 are marked.

Events

Date	Description	Booking details
25 Jan	Non-FM event Seminar . An evening of illustrated talks exploring the opportunities for farmers to produce crops for energy production, evening. Location: The Angel Inn, Toppiffe, Thrusi	Dorinda Dixon, Tel: 01609 783 632, PFWO
28 Jan	Drop-In Clinic . To provide environmental advice, particularly ELS, to queries raised by those attending the venue, please bring your ELS application pack along. am and pm. Location: Sam Turner & Sons Ltd, Northallerton	Dorinda Dixon, Tel: 01609 783 632, PFWO
28 Jan	England Catchment Sensitive Farming Delivery Initiative (ECSFDI) Workshop . An introduction to ECSFDI in North Lincolnshire including information on issues which lead to siltation, high nitrate and phosphate in water and use of nutrient, manure and soil management plans and land management techniques to reduce the impact of farming or land on the environment of the chalk streams of East Humber beck and Luceby Beck and minimising diffuse pollution. am. Location: Thornton Hurton, Thornton Curtis, Uxehy, Uxehy River basin district/catchment: Humber/Yorkshire East Riding and North Lincolnshire (6)	Fred de Boze, Tel: 0845 602 3864, England Catchment Sensitive Farming Delivery Initiative (ECSFDI), fred.deboze@defra.co.uk

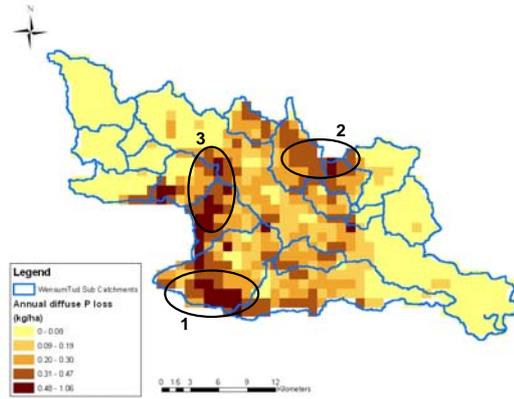
ECSFDI events will become available in coming months, with the main focus from autumn 2006.

Select from the map or table the catchment you farm in to find details and booking instructions for forthcoming advice events

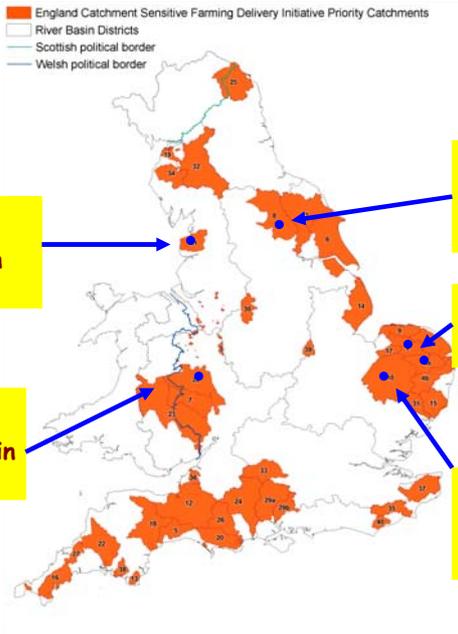
No.	Catchment	Catchment officer
6	EAST RIDING OF YORKSHIRE & NORTH LINCS	Derek Knight, Environment Agency, Tel: 01709 312978, derek.knight@naturalengland.gov.uk
8	YORKSHIRE OUSE, NIDD AND SWALE	Jonathan Skidmore, NE, Northallerton, Tel: 01609 767418, jonathan.skidmore@naturalengland.gov.uk



Catchment priorities and targets



ECSFDI priority catchments for pesticides



River Wyre
MCPA/CMPP in surface water

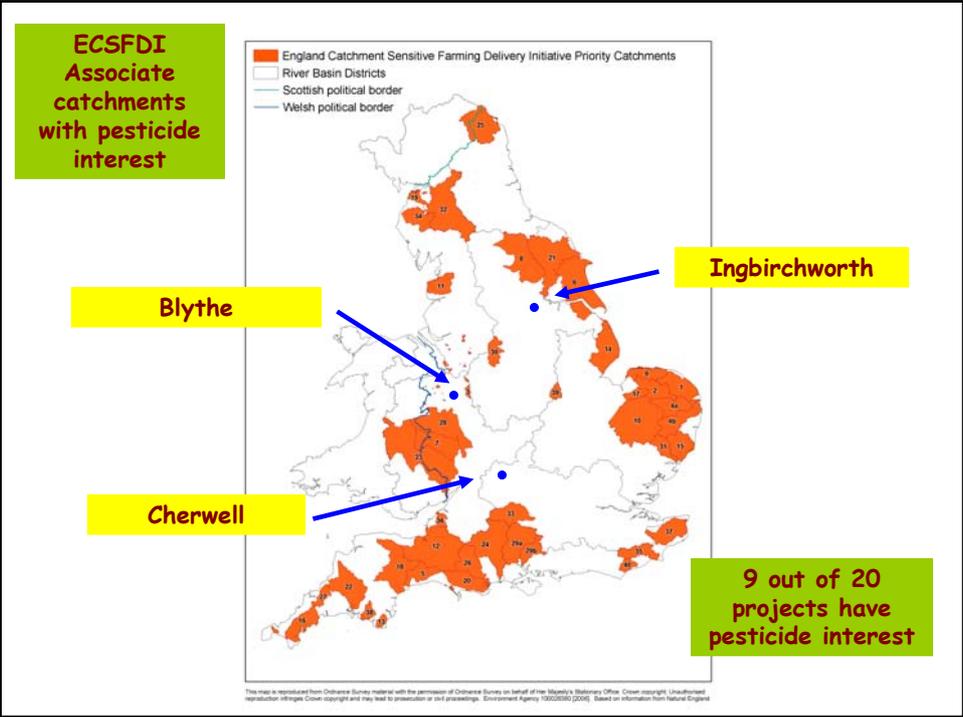
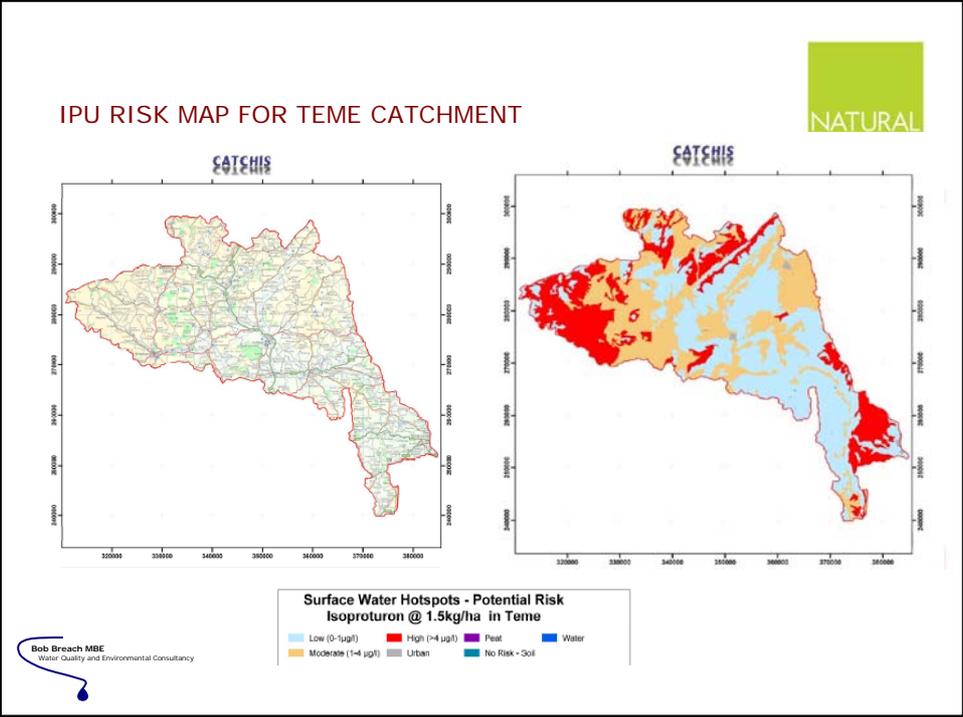
Yorkshire Ouse
IPU and mecoprop in surface water

Teme
IPU and CMPP in surface water

Wensum, Waveney
IPU, CTRL

Little Ouse
Pesticides in groundwater

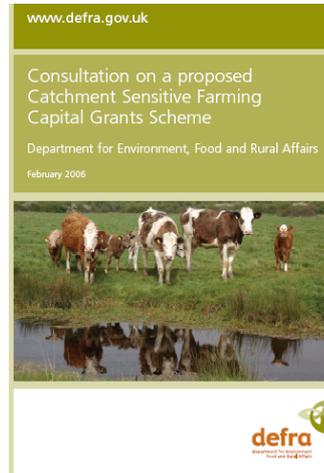
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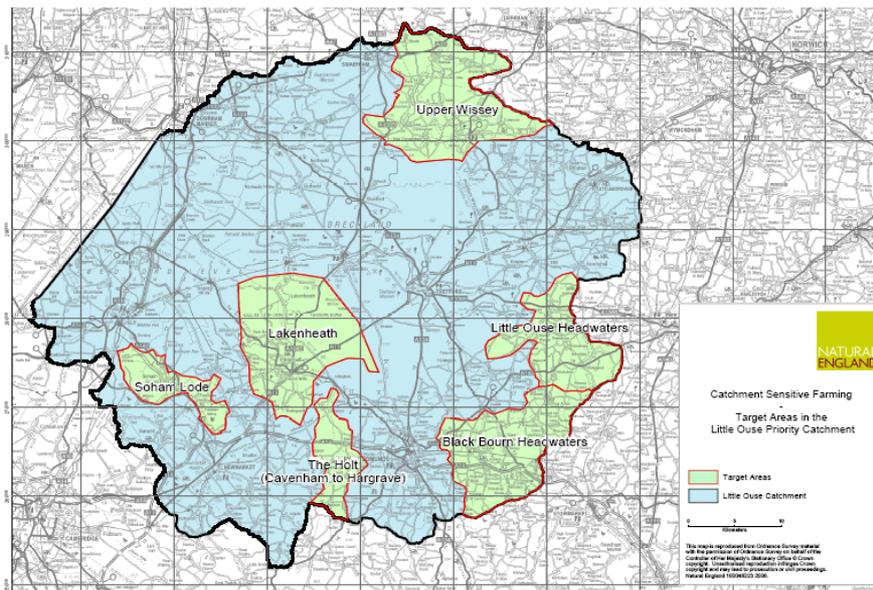
CSF Capital grant scheme 07/08



- Consultation in February 2006, final details with Defra
- Grant limited to 40 ECSFDI catchments
- 1 year competitive scheme
- Cap £10K per holding
- List of 28 items, including pesticide biobeds
- Funding priority statement per catchment



Funding Priorities and Target Areas for capital grant



Land manager Attitude to Pesticide Use

Environment Sensitive Farming

Baseline Report – Land Managers



Submitted to:
Dr Rob Whitham
Land Management Advice (Major
Project Manager)
Natural England
Level 2 Riverside House
Buckley Road
Exeter
Devon
EX4 5AP

Prepared by:
Julie MacLeod (MacLeod Research) on
behalf of
Simon Green
Project Manager
ADAS Crowthorpe
Market Lane
Hemel Hempstead
Herts SG9 6PF

- Do you think farmers need to do more to reduce pesticide impacts?
– **50%**
- Are you more aware of pesticide pollution issues now than a year ago?
– **64%**
- Do you believe you could do more to reduce likelihood of pesticides being detected in surface waters?
– **64%**

ESF, all England, 800 farmers, 530 used pesticides – 2006

Challenges



- Continue to raise awareness about environmental impact of pesticides amongst farmers
- Secure ownership and commitment from pesticide users to continually improve practice
- To turn financial support via ELS and CSF into change on farms
 - Demonstrate that CPMP result in improved management, not dust on shelves!