

How FAS and Catchment Sensitive Farming can support your farm business

The logo for the Farming Advice Service, featuring the words "Farming" in a large, bold, green serif font and "Advice Service" in a smaller, green sans-serif font below it, all contained within a white speech bubble shape with a green outline.

Farming
Advice Service

October 21st – 2:00 3:15pm



Department
for Environment
Food & Rural Affairs



Catchment
Sensitive
Farming

Farming Advice Service

Farming
Advice Service

- The Farming Advice Service is funded by the Department for Environment, Food and Rural Affairs. We provide free, confidential advice to help farmers and land managers in England understand and meet the legal requirements in English law around certain farming activities to protect people, livestock and the environment.
- New partnership with CSF.
- New website and a single platform for advice.



Housekeeping and questions



- The event will be recorded and published on the FAS website and the Defra Farming blog
- Please submit your questions through the Q & A function
- Themes will be identified and questions raised after the presentation
- Feedback



Catchment Sensitive Farming

Working together for a healthy environment

Working with CSF

Bob Middleton
CSF Programme Manager

Mark Taylor
Senior CSF Adviser

Ceri Meehan
CSF Technical Specialist

Bob Marsden
CSF East Midlands Co-ordinator

Catchment Sensitive Farming (CSF) is led by Natural England, in partnership with Defra, the Environment Agency and the Forestry Commission.

Visit farmingadvice.service.org.uk/csf

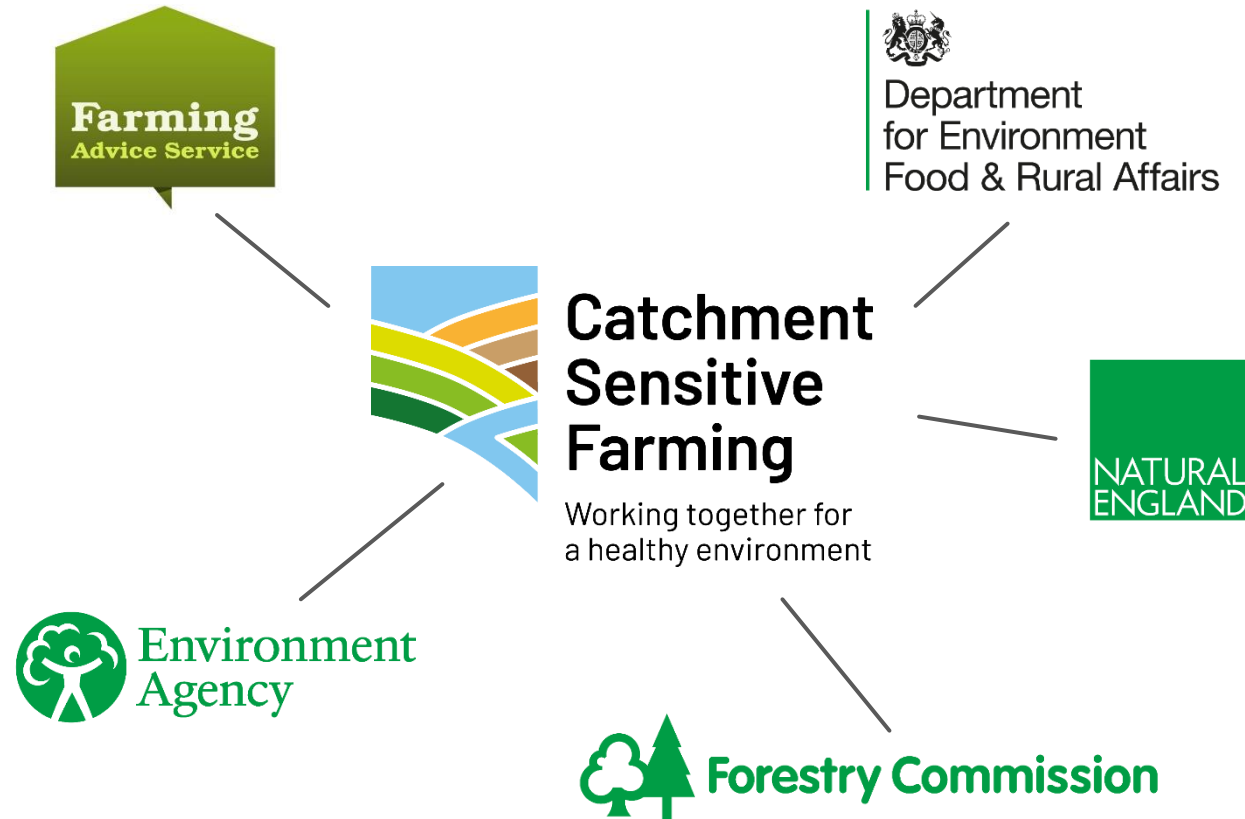


We offer advice and training to help farmers produce food in a way that protects their local water, air and soil





We work as a partnership so you can access different parts of government advice



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free



*we are free to use for
all farmers*

trusted



*89% of farmers said their local
CSF adviser was a person whose
advice they could trust*

confidential



*all our advice is impartial
and confidential*

personal



**our advisers are locally
based and understand the
needs of your business**

specialist



**we bring in specialist
advice and training
when required**

valuable



**we seek 'win-wins' to
benefit the environment
and your business**



When improving local water, air and soil **we can offer:**

Events and training



Confidential advice visits



Specialists and experts



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Our local CSF advisers can help you with:

- Nutrient, slurry and manure management
- Soil health
- Pesticide handling
- Natural flood management
- Reducing ammonia emissions
- Sustainable water use
- Guidance on farming schemes and regulations

trusted



89% of farmers said their local CSF adviser was a person whose advice they could trust

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CSF at Work

Mark Taylor, Bob Marsden



Taking the worry out of slurry events Oct 2024

- 7 events across Yorkshire focusing on livestock areas
- Costs and all planning workload shared with EA
- Widely promoted by NFU, ADHB and local advisers
- Farmers sign posted to events
- Joined up approach benefits farmers
- Use of SFI and SiG schemes as solutions
- Breaking down barriers approach

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Taking the worry out of slurry events Oct 2024



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Taking the worry out of slurry events Oct 2024

- Engaged attendees over the values of manures
- Shared best practice usage, relating to practicalities on farm
- Quick run through of current regulations and EA approach
- CSF 'confidential and trusted adviser' underlined
- Encouraged attendees to approach us for help and advice ahead of issues
- Spoke to 76 farmers and agents, with at least one agent reporting in their newsletter to 400





CSF

Arable Only Rotation



	£/Ha Option	Land %	£/Ha Average Payment of Rotation	
CSAM2 Multi-species winter cover crop	£129.00	50.0%	£64.50	Establish ASAP following harvest to be most effective either broadcasting seed or direct drilling and rolling. Suggested crops include winter rye and vetches with legume. Destroyed by grazing in early spring. Apply manures in spring at optimum time. Follow with spring cropping or winter bird food.
CIPM3 Companion Crop £55	£55.00	50.0%	£27.50	A green mulch of white clover can easily be managed with herbicides while crops are established. As the white clover recovers it supplies a useful amount of nitrogen, suppresses weeds, holds the soil together and improves soil structure.
AHW10 Low input harvested cereal crop	£354.00	25.0%	£88.50	Spring sown low input following Winter Cover Crop, suggest barley or oats, both can perform well even with the low input.
CAHL2 Winter bird food on arable and horticultural land Cereal Free 25% max	£853.00	25.0%	£213.25	A cereal free winter bird food mix can act as a break crop for take all, strongly suggest a high rate of sunflowers for their deep rooting nutrient mining and improving soil structure. By establishing this in May/June it has the added benefit of optimum timing for blackgrass control.
CSAM1 Soil Organic Plan and test	£6.00	100.0%	£6.00	Minimise cultivation to reduce oxidation of organic matter and improve soil structure.
SOH1 No-till farming	£73.00	100.0%	£73.00	Reduced cultivation improves soil organic matter levels and soil structure.
CIPM4 No Insecticides	£45.00	50.0%	£22.50	Spring cereals don't have insecticide seed dressings.
			£495	
	Cropping Year 1		Cropping Year 2	
	Cropping Year 3		Cropping Year 4	
Block A 25%	Winter Wheat, CIPM3 Companion Crop of white clover	Cover Crop CSAM2 Destroyed by grazing in spring	Spring Sown Barley or Oats AHW10 Harvested low input cereal	Cover Crop CSAM2 Destroyed by grazing in spring
Block B 25%	Spring Sown Barley or Oats AHW10 Harvested low input cereal	Cover Crop CSAM2 Destroyed by grazing in spring	Break Crop CAHL2 Spring/early summer sown cereal free winter bird food	Spring Beans, CIPM3 Companion Crop of white clover
Block C 25%	Break Crop CAHL2 Spring/early summer sown cereal free winter bird food	Spring Beans, CIPM3 Companion Crop of white clover	Winter Wheat, CIPM3 Companion Crop of white clover	Cover Crop CSAM2 Destroyed by grazing in spring
Block D 25%	Spring Beans, CIPM3 Companion Crop of white clover	Winter Wheat, CIPM3 Companion Crop of white clover	Cover Crop CSAM2 Destroyed by grazing in spring	Spring Sown Barley or Oats AHW10 Harvested low input cereal
	Average combined offer payments £/Ha		£495	
	Average combined offer payments £/Ac		£201	

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Phased Entry to the Regeneration Rotation SFI Expanded Offer

	Inorganic Nitrogen Requirement KgN/Ha after organic manure application	£/Ha Option	Land %	£/Ha Average Payment of Rotation	Join CSF for a tour of the White Peak farm trials – 3 farms in one day (Bakewell / Buxton area). Multiple dates – 26 April / 28 June / 30 August. Free lunch provided. Booking through Eventbrite, scan QR code.
AHW8 Whole Crop Cereals (£241/Ac) Multi species including legumes, assuming bedding muck applied at establishment and rapidly incorporated to maximise plant availability N.	0	£596.00	33.0%	£196.68	 
CSAM3 Legume Herb rich awards (£155/Ac) Assuming 40KgN in early spring applied before legumes start sequestering atmospheric nitrogen, followed by slurry application.	40	£382.00	67.0%	£255.94	
CIGL2 Winter bird food on improved grassland (£208/Ac) Assuming 250Kg Organic Total Nitrogen shallow injected at 50% plant availability giving 125KgN/Ha. Crop requirement of 280KgN/Ha for 3 cuts (RB209) then topped with this inorganic N. Fourth cut left to seed for bird feed over winter.	155	£515.00	0.0%	£0.00	
CNUM2 Legumes on improved grassland (£41/Ac)	150	£102.00	0.0%	£0.00	
CSAM1 Soil Organic Plan and test (£2.50/Ac)		£6.00	100.0%	£6.00	
				£459	

Expanded Offier SFI 2024		First three Year SFI agreement			Second three Year SFI agreement			Third three Year SFI agreement		
	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9
Percentage % reseeding		66% reseeded	17% reseeded	50% reseeded	50% reseeded	50% reseeded	50% reseeded	50% reseeded	50% reseeded	50% reseeded
Block A 17% High Weed burden	Improved Grassland	AHW8 Whole Crop Cereals £596/Ha		CSAM3 Legume Herb Rich Swards £382/Ha				AHW8 Whole Crop Cereals £596/Ha		CSAM3
Block B 17% Highest Weed burden	Improved Grassland	CIGL2 Ryegrass Seed-set £515/Ha		AHW8	CSAM3 Legume Herb Rich Swards £382/Ha				AHW8 Whole Crop Cereals £596/Ha	
Block C 17% Low Weed burden	Improved Grassland	CNUM2 Legumes on Grassland £102/Ha		CIGL2	AHW8	CSAM3 Legume Herb Rich Swards £382/Ha				AHW8
Block D 17% Low Weed burden	Improved Grassland	CNUM2 Legumes on improved grassland £102/Ha			AHW8 Whole Crop Cereals £596/Ha		CSAM3 Legume Herb Rich Swards £382/Ha			
Block E 17% Low Weed burden	Improved Grassland	CSAM3 Legume Herb Rich Swards £382/Ha				AHW8 Whole Crop Cereals £596/Ha		CSAM3 Legume Herb Rich Swards £382/Ha		
Block F 17% Lowest Weed burden	Improved Grassland	CSAM3 Legume Herb Rich Swards £382/Ha				AHW8 Whole Crop Cereals £596/Ha		CSAM3 Legume Herb Rich Swards		

Average combined offer payments £/Ha	£0	£355	£355	£403	£459	£459	£459	£459	£459	£459
Average combined offer payments £/Ac	£0	£144	£144	£163	£186	£186	£186	£186	£186	£186
Average KgN/Ha	150	89	89	72	26	26	26	26	26	26
Cost of Inorganic Nitrogen Per Ha	£170.78	£101.33	£101.33	£81.97	£29.60	£29.60	£29.60	£29.60	£29.60	£29.60
Savings in Nitrogen using SFI options per Ha	£0	£69	£69	£89	£141	£141	£141	£141	£141	£141
SFI Payments + Nitrogen Savings / Ha	£170.78	£424.45	£424.45	£491.80	£600.17	£600.17	£600.17	£600.17	£600.17	£600.17
Cost of Inorganic Nitrogen used on land in rotation	£17,077.50									
Carbon Footprint for inorganic N applied Per Ha	450	267	267	216	78	78	78	78	78	78
Cost of 34.5% Ammonium Nitrate Fertiliser £ Tonne	£330									
Cost of Nitrogen per Kg	£1.14									
Total area in Ha of land in rotation	100									

Total SFI payments and inorganic fertiliser savings from Rotation/Year **£60,017.40**

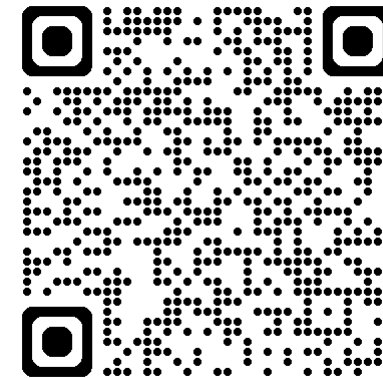
% reduction of CO2 emissions using rotation **83%**

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Get in touch with your local CSF team



farmingadvice.service.gov.uk/csf/get-in-touch

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Q&A

Thank you for your time and attention



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- Technical advice line: 03000 200 301
- Email: advice@farmingadvice.service.org.uk
- Website: farmingadvice.service.org.uk