

Greening and cross-compliance



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Gillian Inman, Rural Business Consultant
20 February 2018

Greening (2018)

- What is new for 2018?
 - Changes to EFA and Crop Diversification exceptions
 - Changes to crops eligible for Crop Diversification
 - Changes to existing EFA options
 - Introduction of new EFA options
- Issues found at inspections in 2017

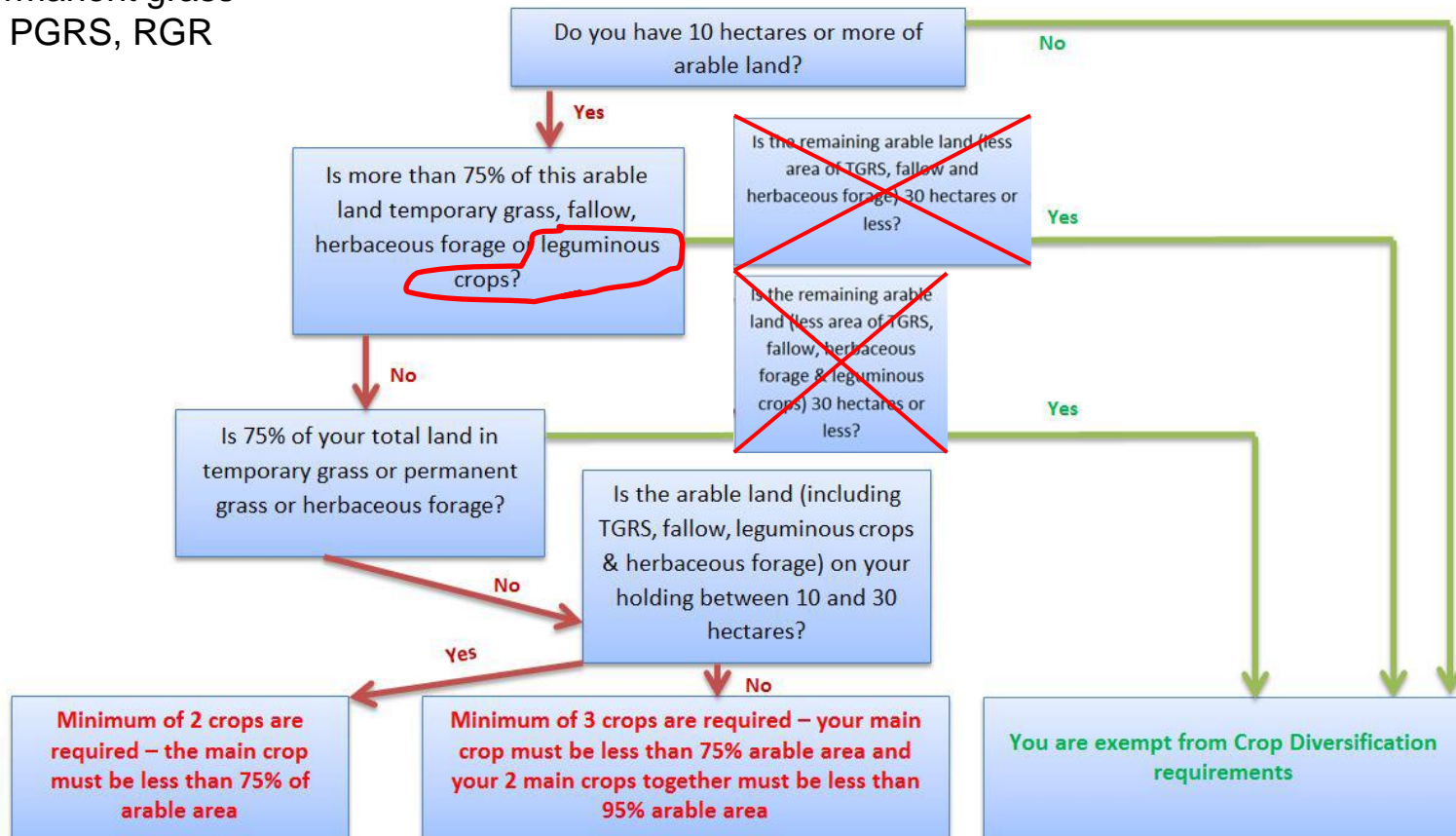


Changes to crop diversification exemptions



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Note: permanent grass includes PGRS, RGR & WDG

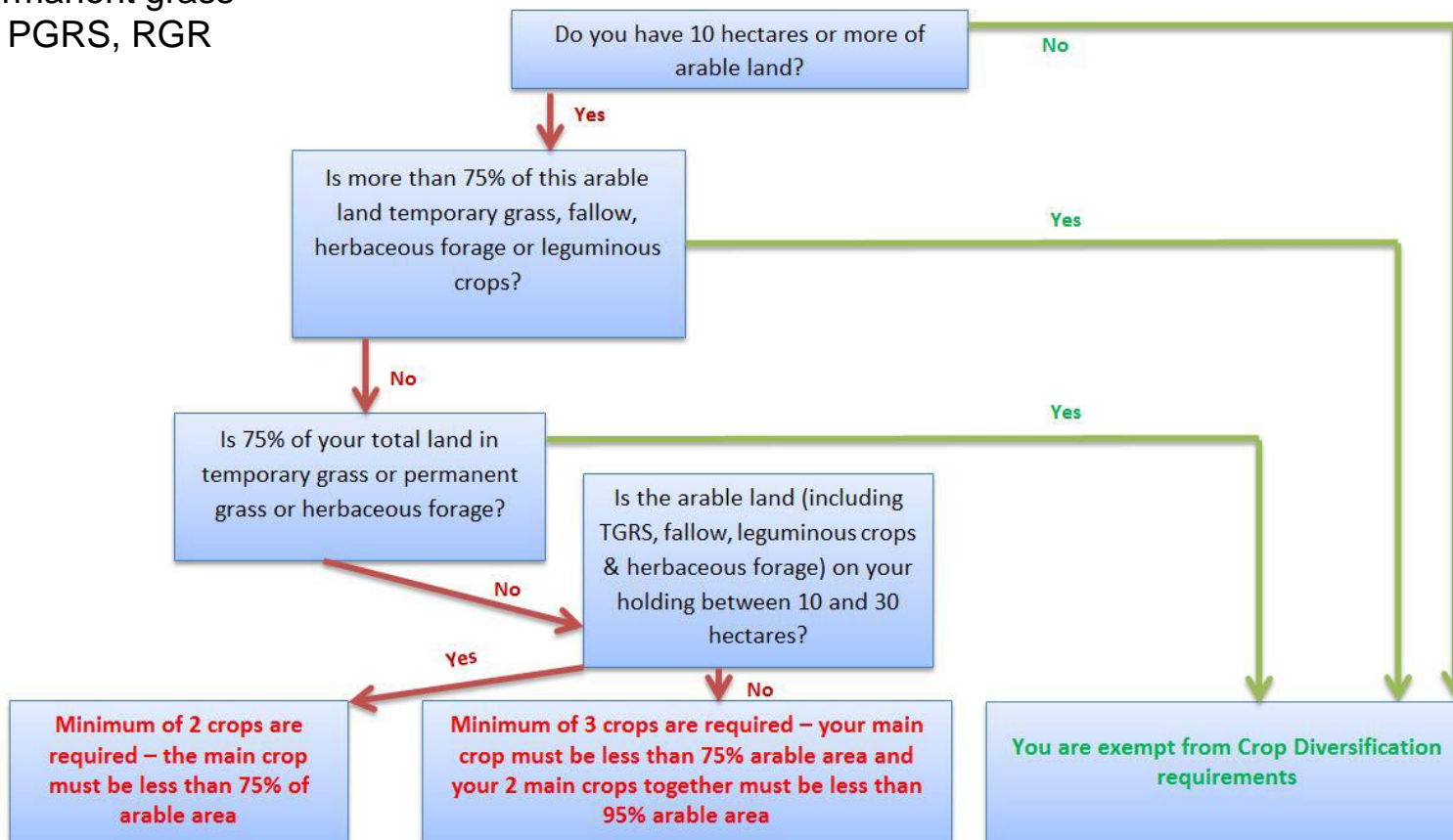


Crop Diversification exemptions



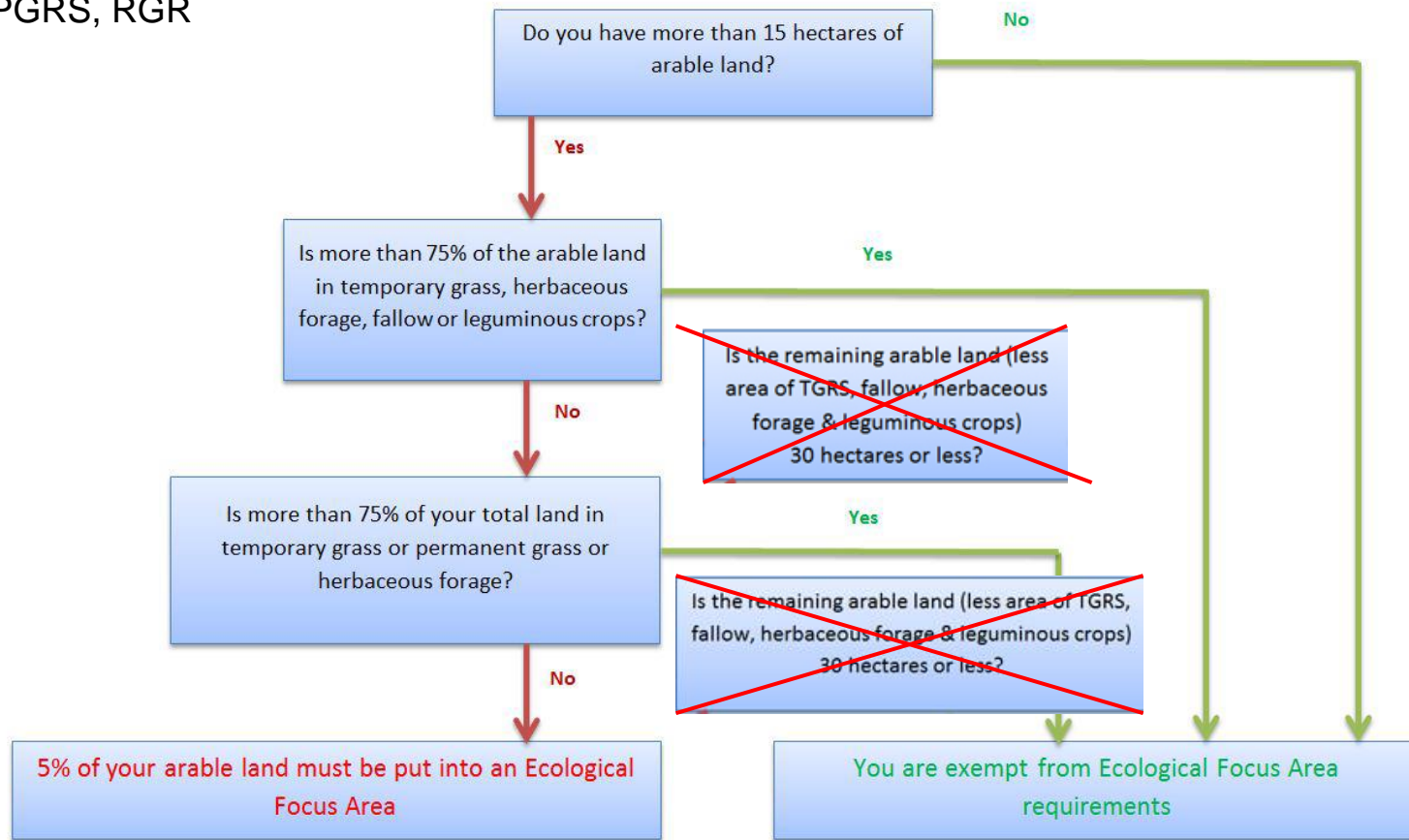
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Note: permanent grass
includes PGRS, RGR
& WDG



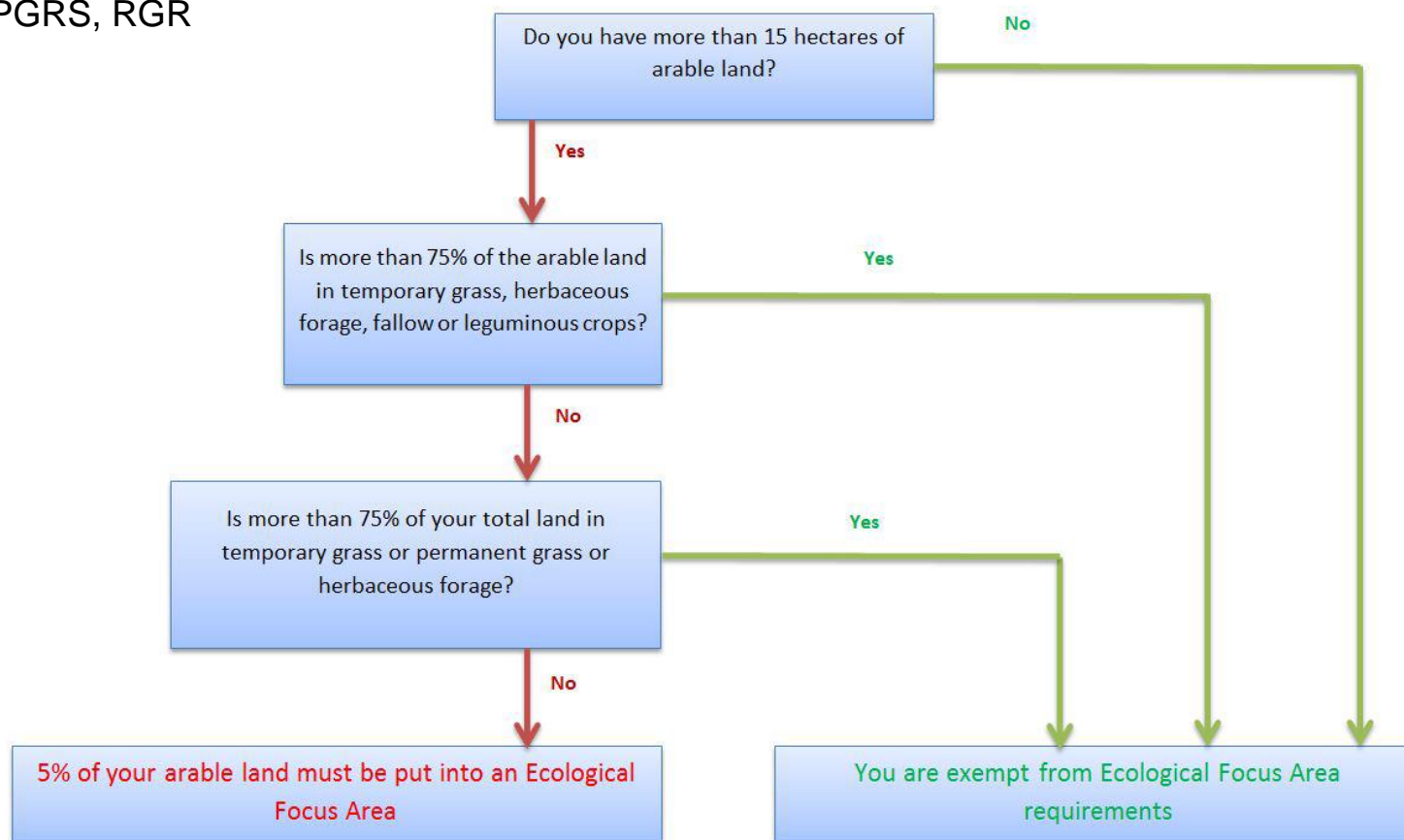


Note: permanent grass includes PGRS, RGR & WDG



EFA exemptions

Note: permanent grass
includes PGRS, RGR
& WDG



Greening calculator



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Basic Payment Scheme - Greening Calculator 2018

CPH: <input type="text"/>		Client Name: <input type="text"/>	
Farm Name: <input type="text"/>			
Land Details		Scottish greening measures in 2018.	
Is the land in the Single Application Form designated Organic? <input type="text"/>		Please Select	
v18/08			
Enter the area of each crop to be grown on non-organic land			
Arable	Area	% of total arable area	<p>Disclaimer:</p> <p>This assessment has been prepared exclusively for the use of the 'Client' as an illustration of the new CAP greening requirements and for no other purpose. This assessment has not been prepared to be of benefit to anyone except the Client and has been prepared for the benefit of the Client alone.</p> <p>In preparing this Assessment we have relied on information given to us by the Client and on our understanding of the CAP Greening rules and regulations published by the Scottish Government as at 24th January 2018.</p> <p>We cannot accept responsibility for any inaccuracies in the information supplied to us by the Client or to changes in the rules and regulations regarding CAP Greening after 24th January 2018.</p> <p>Data Protection: SAC Commercial Ltd/SRUC may use this data in aggregate to obtain an analysis of industry levels impact of CAP Reform payments. If you do not agree to this anonymous use of this data please inform us.</p>
Potatoes			
Spring Barley			
Please Select			
Please Select			
Please Select			
Please Select			
Please Select			
Please Select			
Beans Area claimed EFA			
Peas Area claimed EFA			
Other Legumes Area claimed EFA			
Margins EFA			
Agro-forestry EFA			
Fallow EFA			
TGRS (< 5 year ley) & herbaceous forage			
Total arable area	0.00 Ha		
		% of total agricultural area	
Permanent pasture/crops	Area		
Rough grazing			
Permanent pasture			
Other			
Other			
Total permanent pasture/crops area	0.00 Ha		
% total land in permanent grass, temporary grass or herbaceous forage			
Total agricultural area	0.00 Ha		

v18/08

Disclaimer:

This assessment has been prepared exclusively for the use of the 'Client' as an illustration of the new CAP greening requirements and for no other purpose. This assessment has not been prepared to be of benefit to anyone except the Client and has been prepared for the benefit of the Client alone.

In preparing this Assessment we have relied on information given to us by the Client and on our understanding of the CAP Greening rules and regulations published by the Scottish Government as at 24th January 2018.

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Permanent Pasture

No required action

Crop Diversification

Based on the information entered above the following crop rule applies:

Two crop rule

Is the business compliant with the two crop rule?

Main crop

Second crop

Three crop rule

Is the business compliant with the three crop rule?

Main crop

Second crop

Other Crops

N Fixing Crop

Is the business compliant with the Main N crop < 75% EFA N Fixing Crop?

Total EFA crop

Main EFA N Crop

Ecological Focus Areas (EFA)

Does the business need to comply with EFA requirements?

Area of EFA required	Enter area of planned EFA measures		
EFA feature	Amount of any single EFA feature required	Weighting factors	On-farm Measurement of EFA
Fallow land		1.00	
Margins		1.50	
Catch Crops		0.30	
Green Cover		0.30	
Nitrogen fixing crops		1.00	
Agro-forestry		1.00	
Hedges (right to claim whole hedge)		10 m2	
Hedges (right to claim half hedge)		5 m2	
			Total Adjusted EFA
If applicable, does the business have sufficient EFA?			<input type="text"/>



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for Rural Development
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Other Crop Diversification changes

- Spring and winter spelt have been added to the greening arable crops list
- For purpose of Crop Diversification they are two distinct crops

Changes to use of PPP on EFA options

- Plant Protection Products are not permitted on:
 - EFA fallow during the fallow period (15 Jan - 15 July)
 - EFA nitrogen-fixing crops from establishment until after harvest
 - EFA catch crops from date of harvest of the nurse crop until 31 Dec
 - EFA cover crops from establishment until 31 Dec (reminder: crops must be established by 1 Nov)
- Spot herbicide treatment of injurious and invasive weeds is however permitted.

Changes to EFA fallow

- Existing field drains can be maintained in the period 15 Jan to 15 Mar, this is limited to investigation and replacement of pipes/tiles where existing bursts have been identified
- Maintenance of field drains can be undertaken in the period 15 Mar to 15 July but only if approval has been given from the local RPID area office
- EFA fallow is allowed on land claimed in the previous year as five year old temporary grass, i.e. TGRS 5

EFA Fallow - reminder

- On arable land
- Fallow period is 15 Jan to 15 July, inclusive - no crop production or grazing permitted
- Change ground cover to establish wild flower mix or wild bird seed mix
- Temporarily store FYM for that field
- Only occasional access use
- Control injurious weeds by spot treatment or hand rouging

Changes to EFA catch crop

- To be eligible for EFA catch crop the main crop must be undersown with a recognised grass seed mix in the Spring
- Clarity that it is a spring sown crop

EFA catch crop - reminder

- On arable land
- Catch crop must be maintained until 31 Dec, inclusive
- Allowed to graze the catch crop after harvest of the nurse crop
- Arable silage for stock feed is not eligible for EFA catch crop - not a main crop as defined in the regulations

Changes to EFA green cover



- Red clover and white clover will count as two separate green cover crops
- EFA green cover crops must be established by 1 Nov

EFA green cover - reminder

- On arable land
- Two or more crops (alfalfa, barley, red clover, white clover, mustard, oats, phacelia, radish, rye, triticale, vetch)
- Maintain cover until 31 Dec, inclusive
- No grazing during maintenance period 1 Nov to 31 Dec

Changes to EFA N-fixing crops

- Mixtures of nitrogen-fixing crops with other crops are permitted, as long as the nitrogen-fixing crop accounts for more than 50% of the seed weight
- Red clover and white clover also count as two separate nitrogen-fixing crops
- Weighting factor has increased from 0.7 to 1.0

EFA N-fixing crops - reminder

- On arable land
- Must grow two or more crops (alfalfa, beans, birdsfoot trefoil, chickpea, red clover, white clover, lentil, lupin, peas, vetch)
- Main EFA claimed N-fixing crop is less than 75% of the total area of EFA claimed
- All claimed EFA N-fixing crops are surrounded by a claimed EFA margin i.e. all the way around
- Crops must not be harvested before 1 Aug

New EFA options

- EFA hedges:
 - Hedges that have a length of at least 20m or a length or less than 20m where it meets another hedge at each end are eligible
 - Gaps of less than 20m can be included as part of the hedge; individual trees are considered as part of the hedge
 - Hedge can be any height but must not be wider than 3m wide from the centre of the hedge

New EFA options

- EFA hedges cont:
 - Hedge must be on or within 5m of arable land or contiguous to a claimed EFA option
 - Each linear meter will equal 10m² of EFA area and if the hedge forms a boundary, each linear meter will equal 5m²
 - Hedges must be managed in accordance with cross compliance i.e. hedge cutting period, no cultivation of land or application of fertiliser and pesticides within 2m
- EFA map

FIELD BOUNDARY FENCE
(EFA hedge adjacent to BPS claimed field)

EFA HEDGE

ROAD

VERGE

Hedge is under the
control/responsibility of
farmer - **claim using
EFAH100**

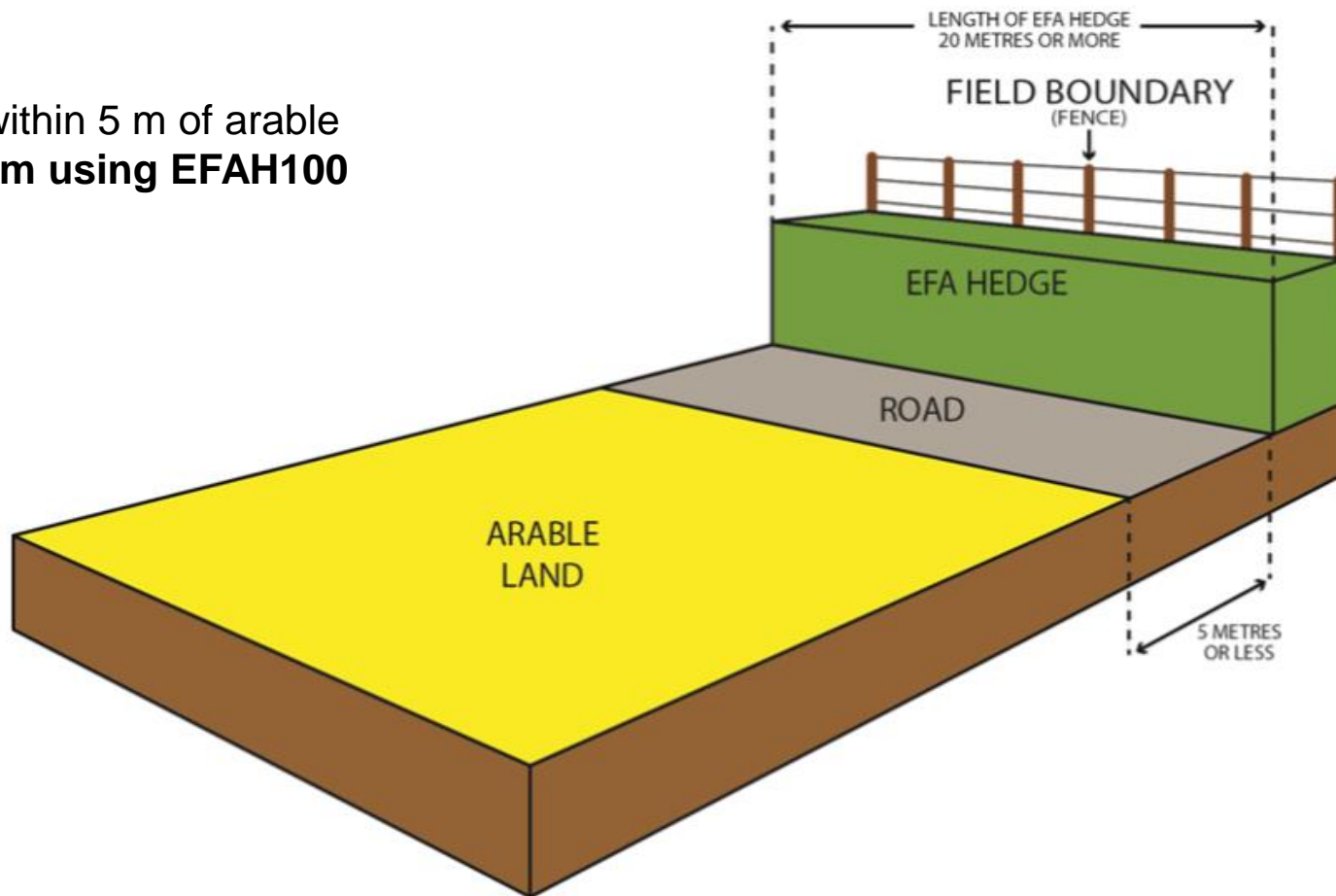
ARABLE LAND
(or claimed EFA option)

3 m or less

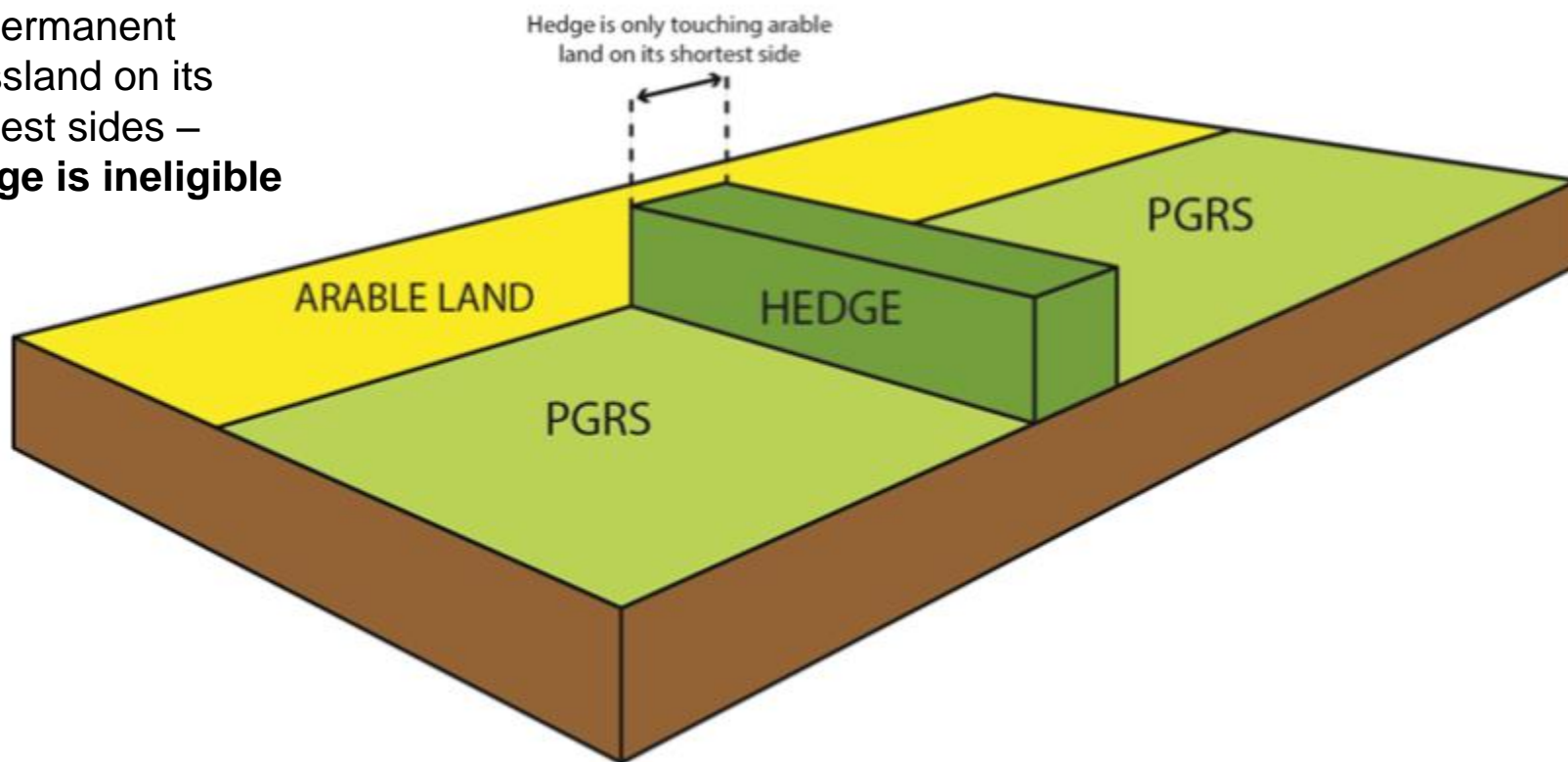


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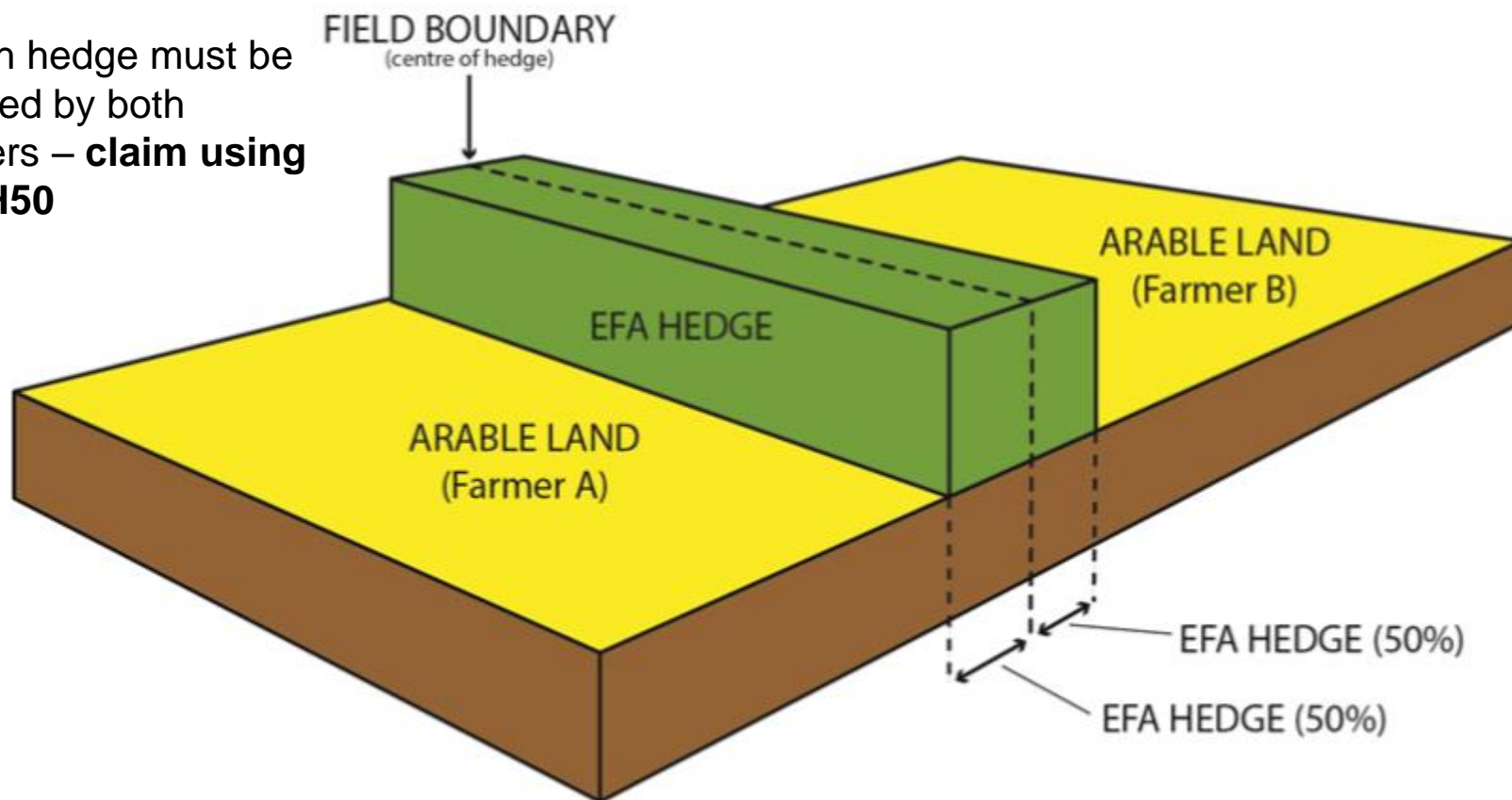
Hedge is within 5 m of arable land – **claim using EFAH100**



Hedge is surrounded
by permanent
grassland on its
longest sides –
hedge is ineligible



March hedge must be claimed by both farmers – **claim using EFAH50**



New EFA options

- EFA Agro-forestry:
 - Agro-forestry planted on BPS eligible arable land in 2015 and planted under a Forestry Grant Scheme since 1 Jan 2015 is eligible
 - Each ha of eligible agro-forestry will be equal to 1ha of EFA
 - EFA map

New EFA options

- EFA margins:
 - EFA margins are an amalgamation of EFA field margin and EFA buffer strip options
 - Between 1 and 20 m wide
 - Be on, adjacent to, or within 5 metres of arable land, or contiguous to a claimed EFA option
 - Can be around a field or splitting two crops with a field

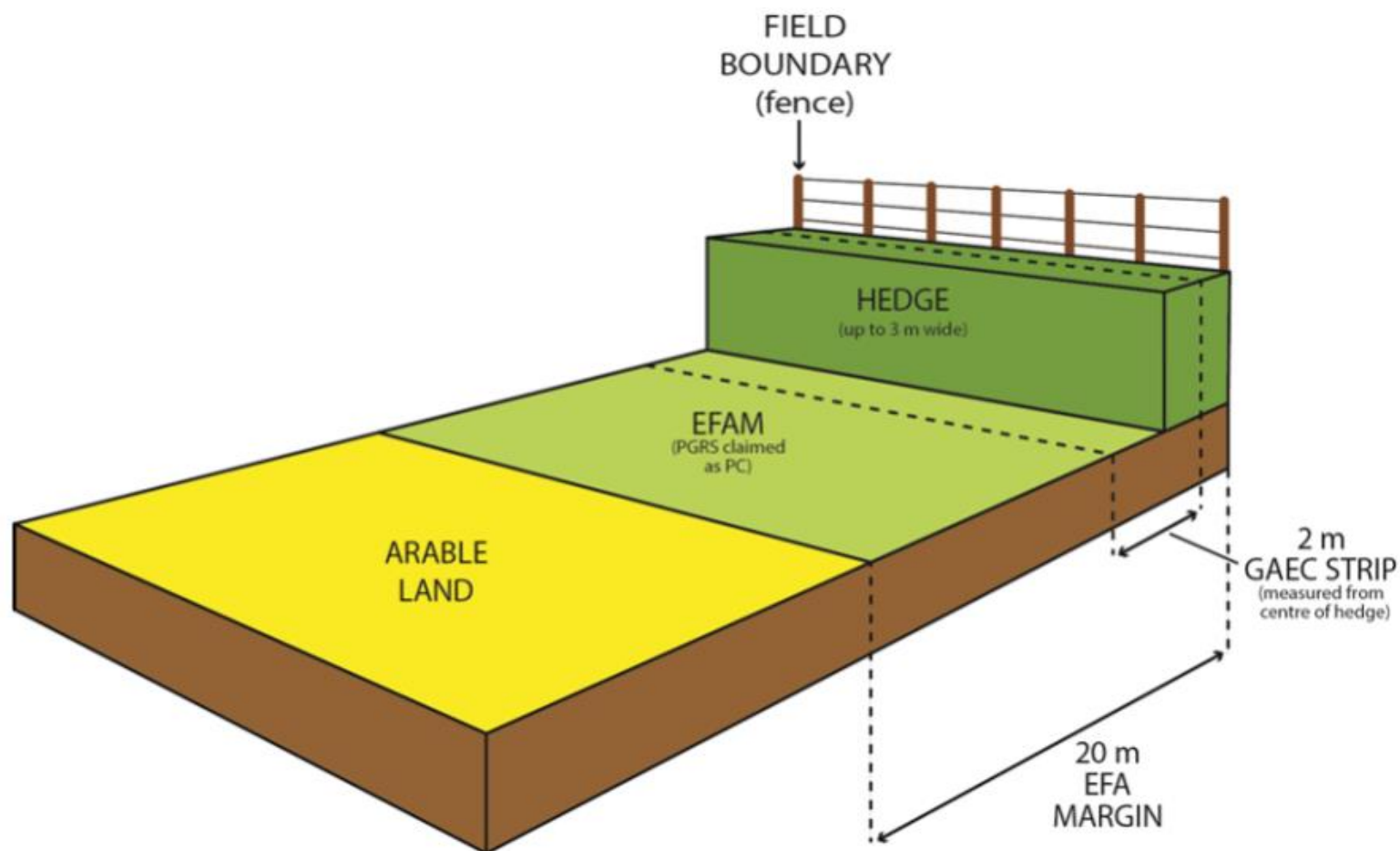
New EFA options

- EFA margins cont.
 - Margins can be cut (including for hay and silage) and grazed after the 15 July but can only be grazed if they do not contain or are adjacent to a watercourse
 - Spoil from ditch cleaning can not be spread on EFA margins

Examples of EFA margins

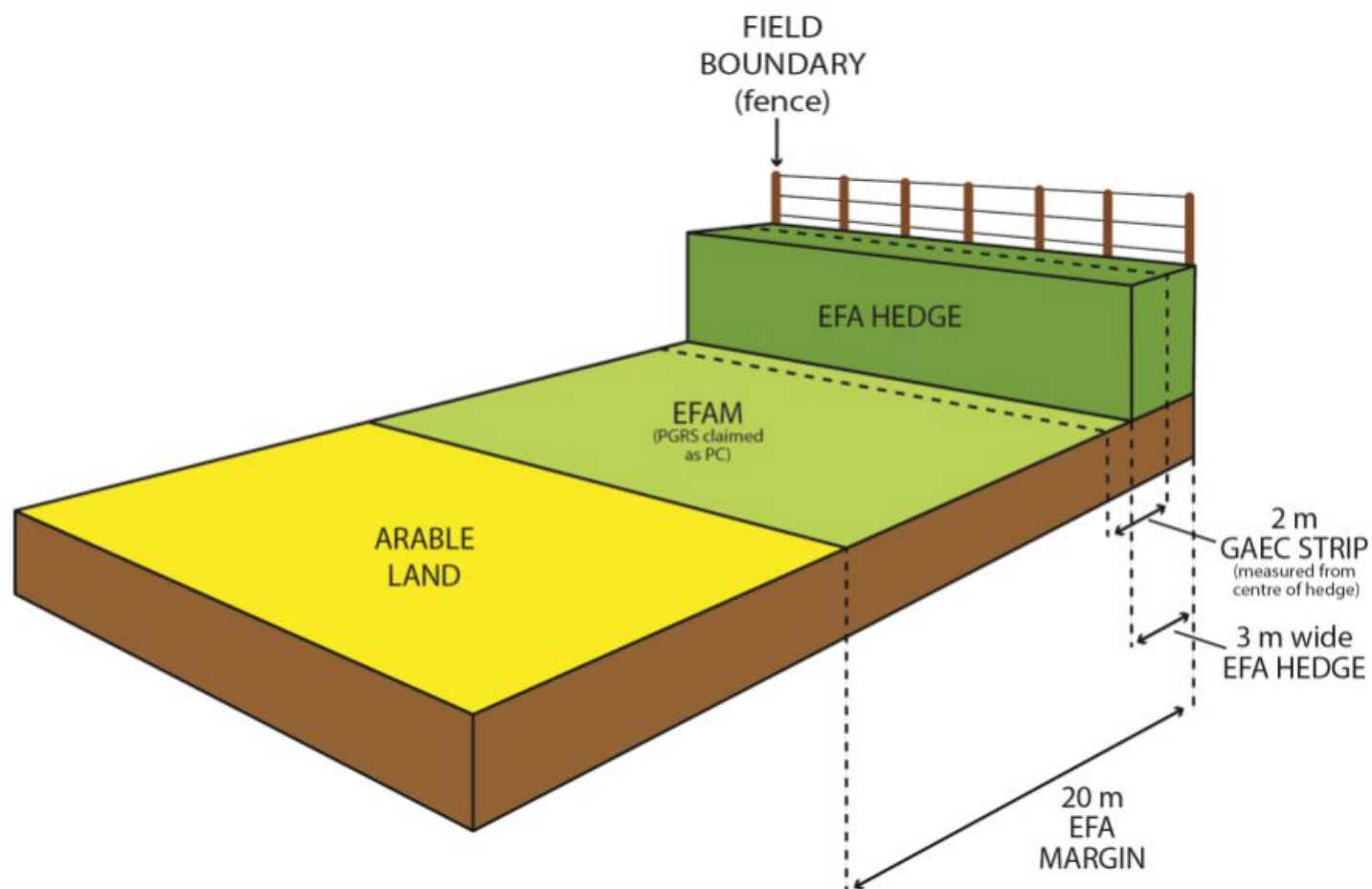


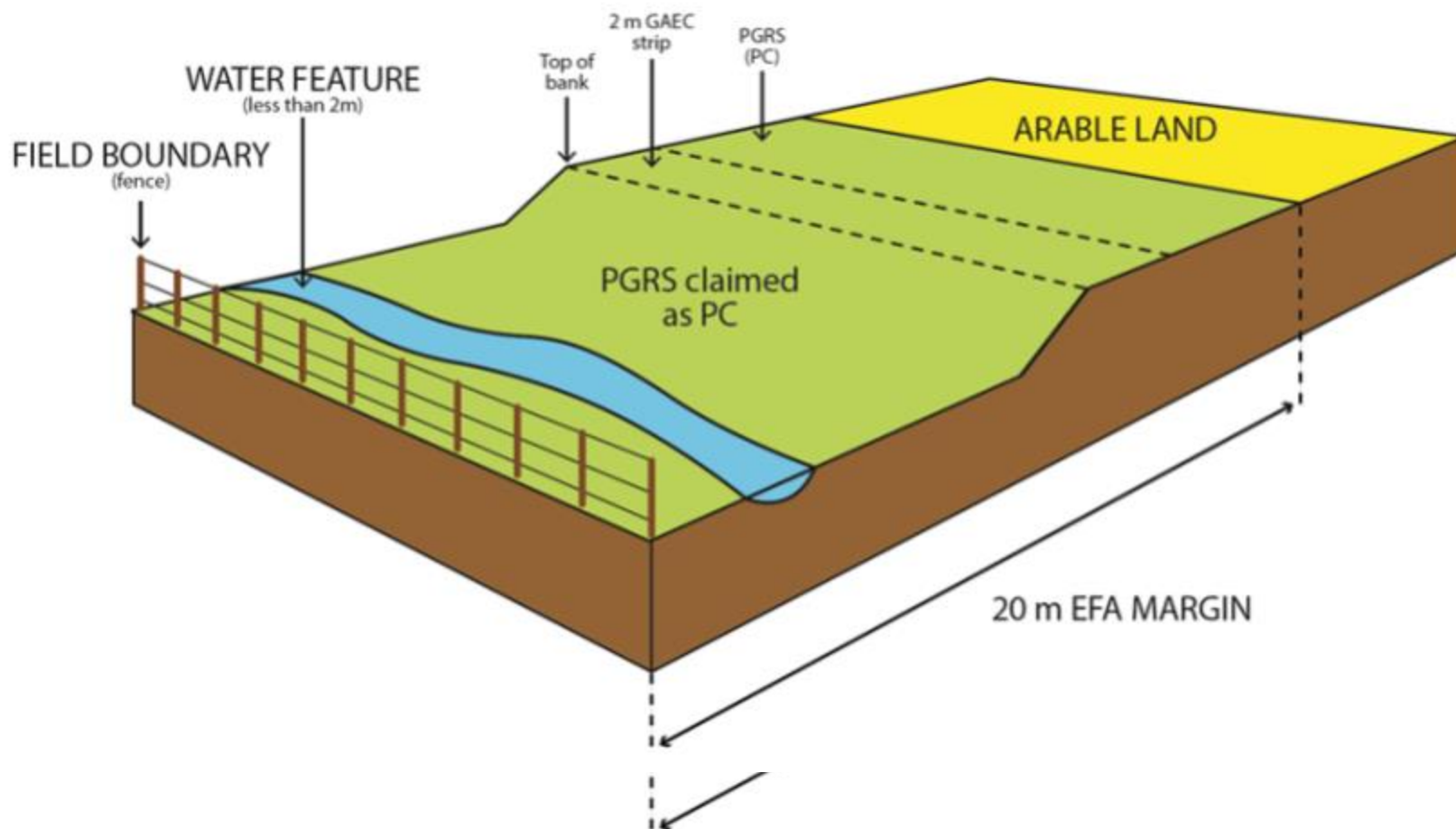
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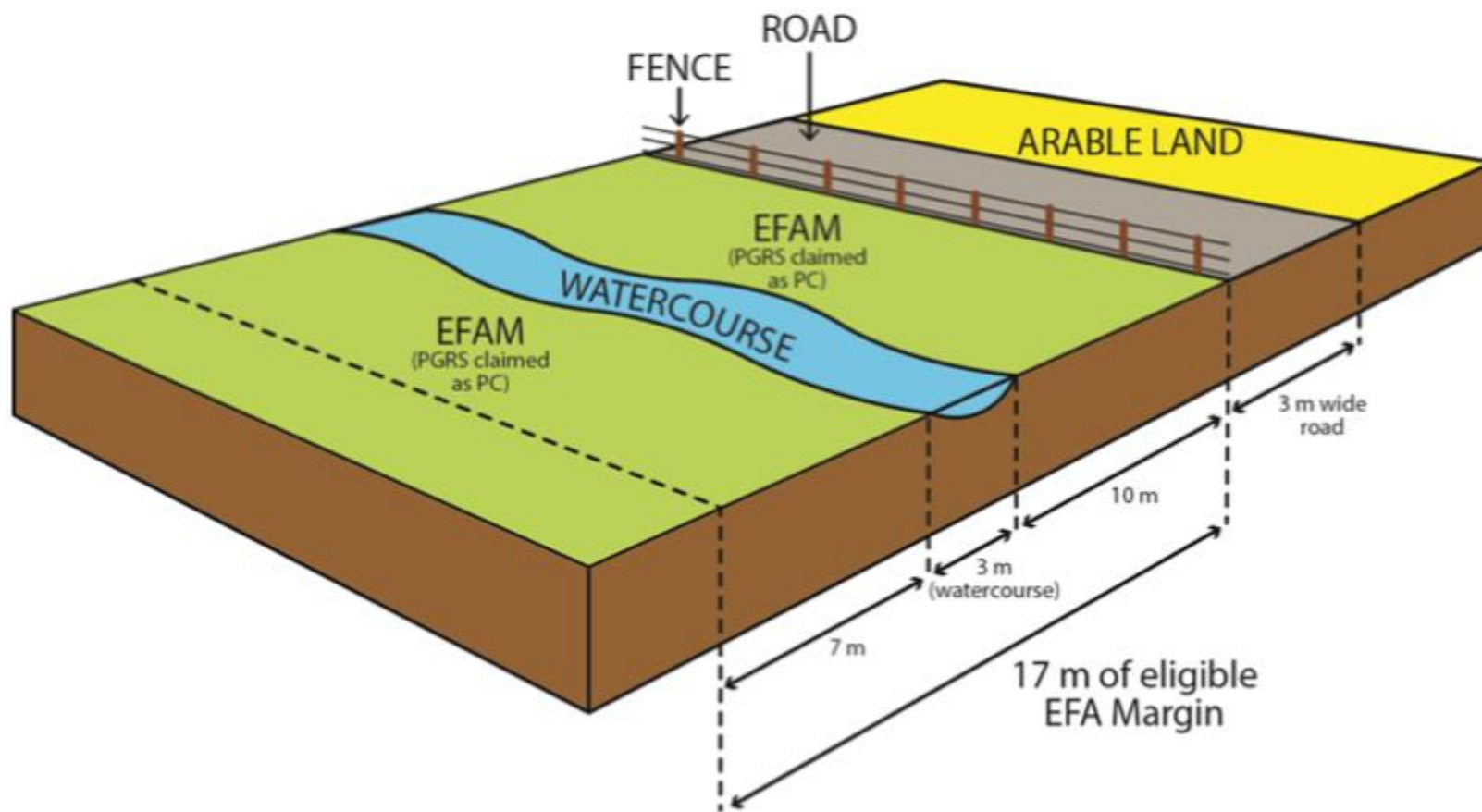
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Issues found at inspection in 2017



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- Only a few small issues found:
 - Margins/buffers used for access
 - Ineligible activities on fallow during fallow period
 - EFA margin not all the way around N-fixing crop
 - EFA area found was not 5%
 - Maps not being submitted with the SAF

Re-cap of greening

- Permanent grass
 - Nitrogen fertiliser and lime plan, complete by 9 June
- Crop Diversification
 - Requirement to grow 2 or 3 separate crops, if not exempt
- EFA
 - 5% of arable land, if not exempt
 - Now 7 options that can be used
 - Mapping requirements

EFA weighting factors



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EFA	Location	EFA option code	EFA contribution
Fallow (area in hectares)	On arable land	EFAFAL	1
Margins (area in hectares)	On, adjacent to or within five metres of arable land or contiguous to a claimed EFA option	EFAM	1.5
Nitrogen-fixing crops (area in hectares)	On arable land	EFANFIX	1
Catch crop (area in hectares)	On arable land	EFACC	0.3
Green cover (area in hectares)	On arable land	EFAGC	0.3
Agro-forestry (area in hectares)	On BPS eligible land in 2015	EFAAF	1
Hedges (length in metres)	On, adjacent to, or within five metres of arable land or contiguous to a claimed EFA option: Hedges (length in metres) If the producer has the right to claim the whole (eligible) hedge the EFA contribution to be applied is	EFAH100	10 m2
	On, adjacent to, or within five metres of arable land or contiguous to a claimed EFA option: Hedges (length in metres) If the producer has the right to claim only half the hedge the EFA contribution to be applied is	EFAH50	5 m2

Greening guidance



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- <https://www.ruralpayments.org/publicsite/futures/topics/all-schemes/basic-payment-scheme/basic-payment-scheme-full-guidance/greening-guidance-2018/>



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What's new with Greening for 2018

[Crop diversification](#)

Rules for crop diversification

[Glossary](#)

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An overview of Greening rules

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Rules for Ecological Focus Areas

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Annexes to this guidance

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Examples of how Greening rules can be applied and followed

[PDF versions](#)

Current and previous versions of this guidance in PDF form

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Cross compliance

- Common issues found in 2017
- Reminder of the GAEC rules



Issues found in 2017

- GAEC 1 - buffers strips along watercourses
 - Cultivation (ploughing) within 2m of the top of the bank of surface water
- GAEC 5 - limiting erosion
 - Poaching resulting in erosion
- GAEC 7 - retention of landscape features
 - Cultivation (ploughing) within 2m of hedges
 - Hedges cut before 31 Aug (not for road safety reasons)
 - Hedges and dykes removed without permission

Issues found in 2017 cont.

- SMR 1 - NVZ
 - N applications exceeding Nmax
 - Record keeping
- SMR 10 - use of plant protection products
 - Applications
- SMR 4 - Food and feed law
 - Record keeping for plant protection products

Issues found in 2017 cont.

- SMR 7 - Cattle identification and registration
 - Ear tags missing or not replaced within 28 days of physical inspection
 - Information missing or incorrect in records (including dates of birth and death, movements)
 - Failure to notify CTS within appropriate timelines of births, movements and deaths
 - Animals with no passports or records with no animals
 - Death of animal, passport not returned

Issues found in 2017 cont.

- SMR 8 - Sheep and goat identification
 - Slaughter tagged sheep not upgraded to full EID by 12 months of age
 - Sheep untagged after reaching tagging age
 - Excessive numbers of sheep with missing ear tags
 - No stock of red tags on holding or red tags not being used for re-identifying non-homebred sheep
 - Record of identification not maintained
 - Record of replacement identification not maintained
 - Inaccurate / incomplete records (including deaths)

GAEC 1- Buffer Strips along watercourses



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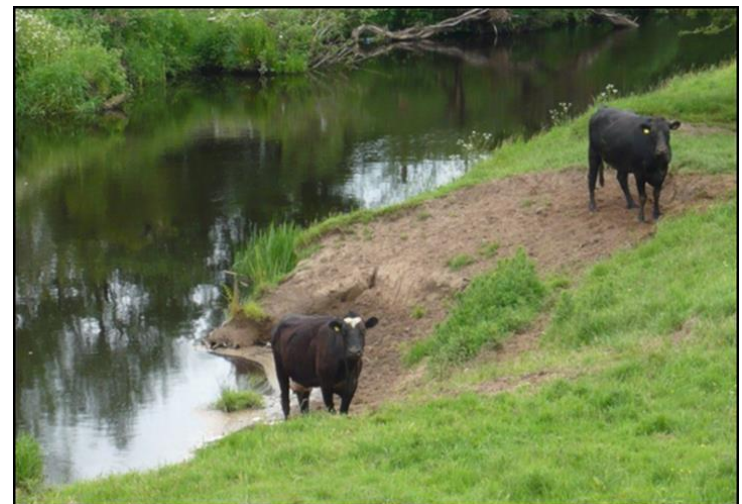


GAEC 1- Buffer Strips along watercourses

- You must not
 - Cultivate land or apply pesticides within 2m of the top of a bank of surface water
 - Apply fertilisers to land if there is significant risk of nitrogen entering surface water
 - Apply organic manure or locate field heaps within 10 metres of any surface water or 50 metres of any well, borehole, etc for the supply of water

GAEC 5 - Minimum land management reflecting site specific conditions to limit erosion

- You must:
 - Prevent the erosion of the banks of watercourses, watering points and feeding areas from overgrazing or heavy poaching by livestock
 - Put in place appropriate measures to limit soil erosion if agronomic or weather conditions prevent the subsequent crop or a cover from being sown



GAEC 7- Retention of landscape features

- You must not
 - Remove or destroy drystone or flagstone dykes, turf and stone-faced banks, walls, hedges, ponds, watercourses or trees without consent
 - Trim hedges or lop branches off trees from 1 Mar and 31 Aug, inclusive, except for road safety reasons
 - Cultivate land within two metres of the centre line of a hedge
 - Apply fertilisers or pesticides within two metres of the centre line of a hedge
 - Alter, damage or destroy a Scheduled Ancient Monument without consent

Cross Compliance Guidance



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- Have NVZ, spray, dipping and vet records up to date too

Thank You

