

# Greening and cross-compliance



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**Gillian Inman, Rural Business Consultant**  
20 February 2018



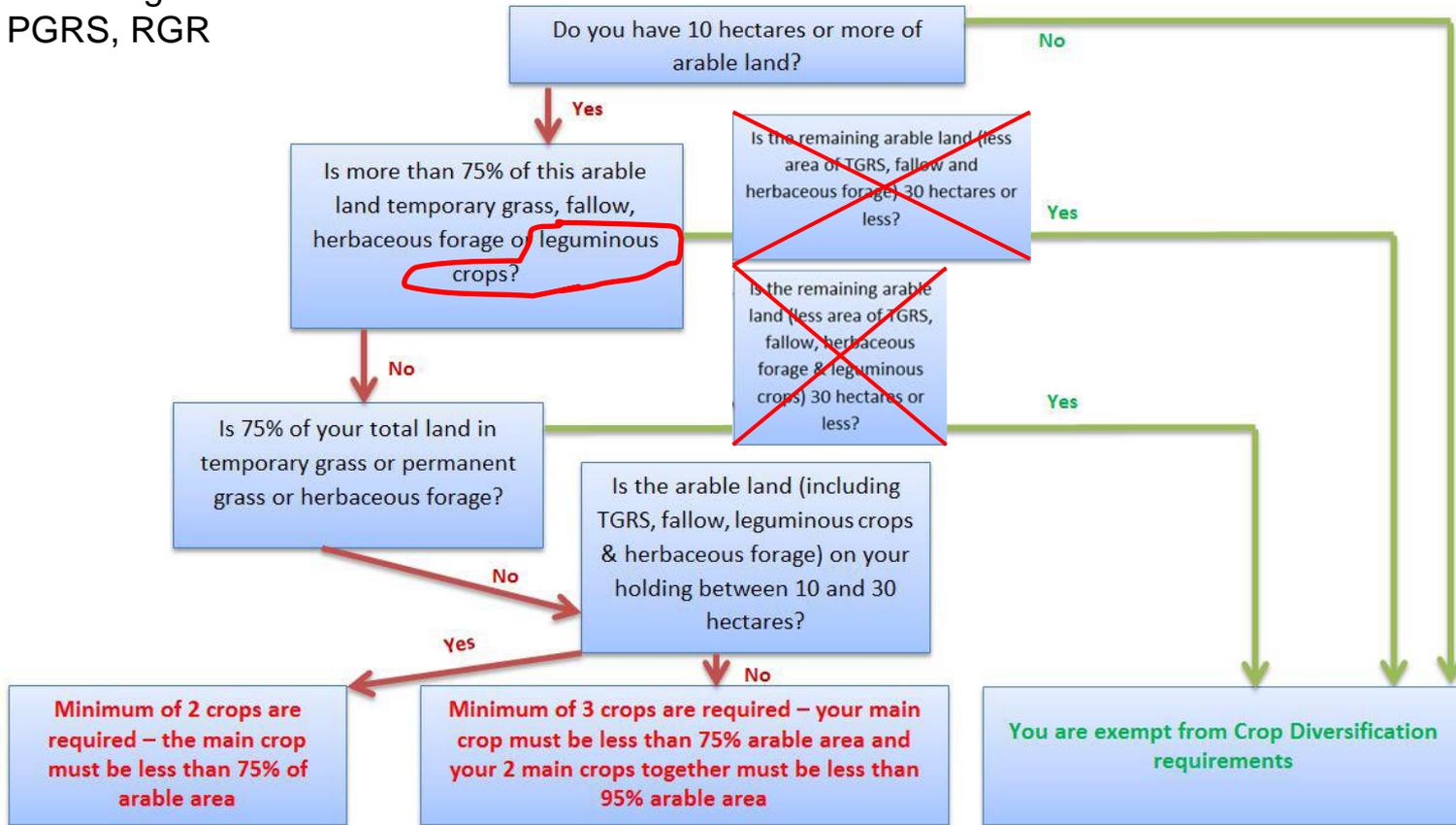
# Greening (2018)

- 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

Note: permanent grass includes PGRS, RGR & WDG

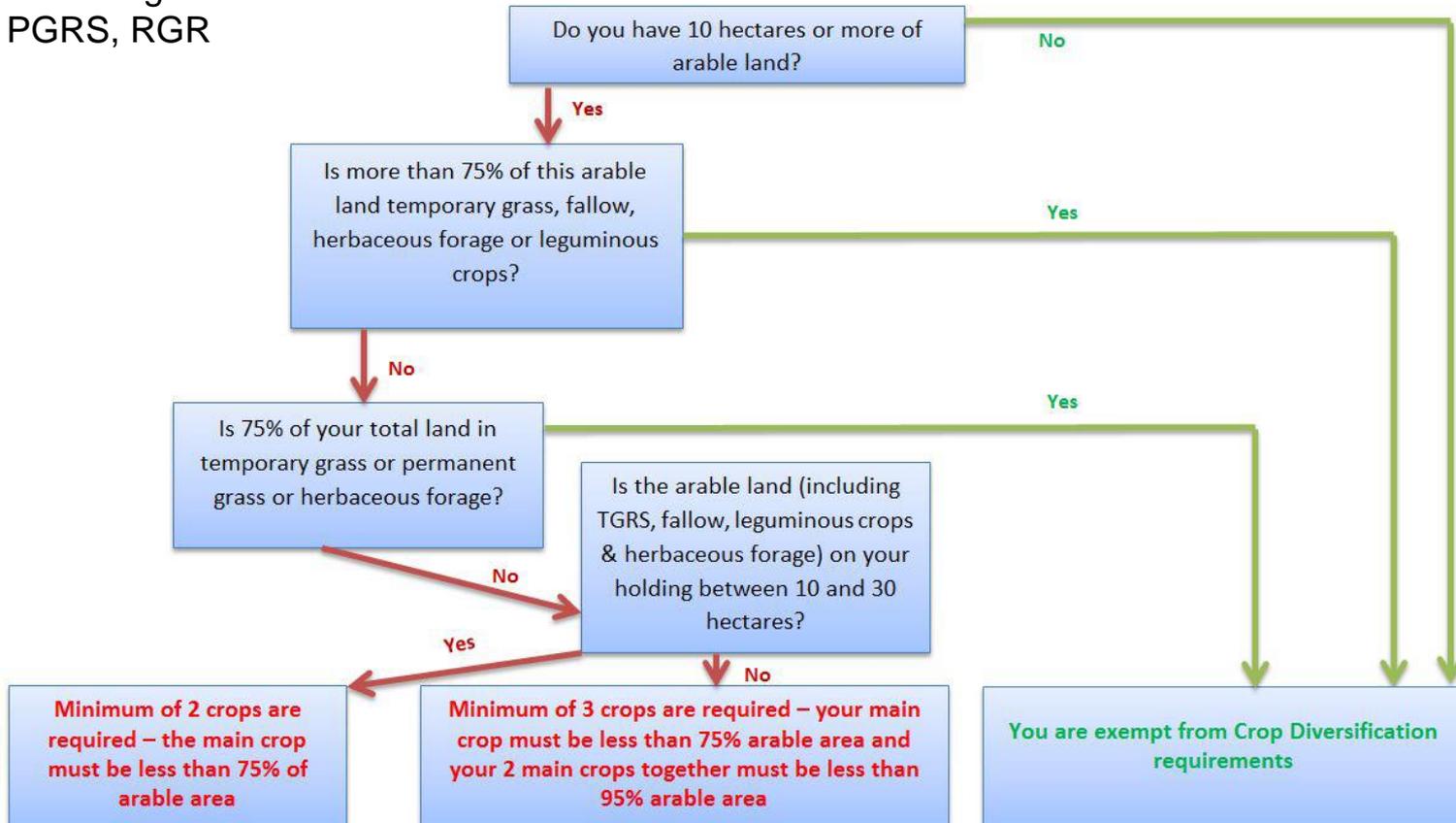


# Crop Diversification exemptions



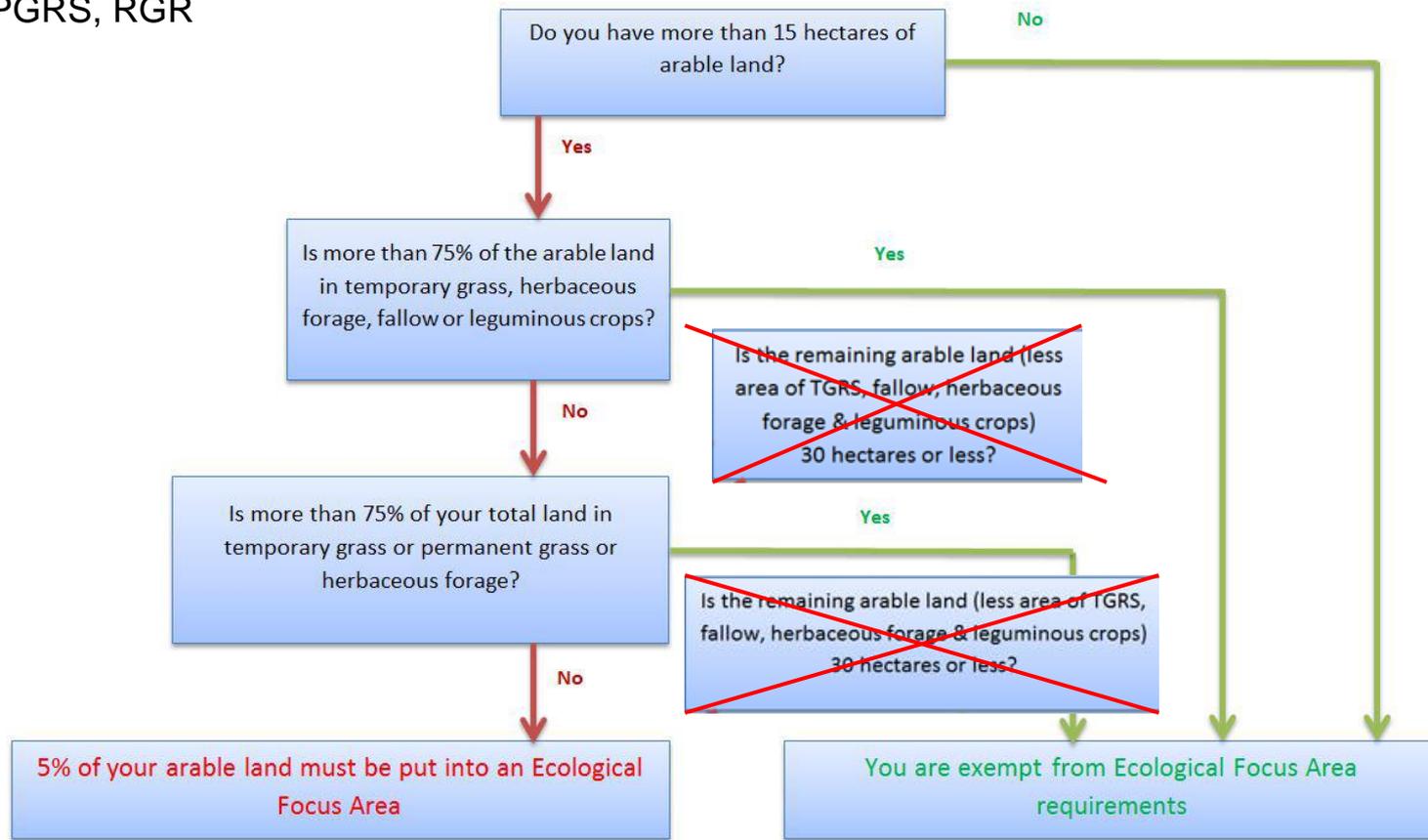
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Note: permanent grass  
includes PGRS, RGR  
& WDG



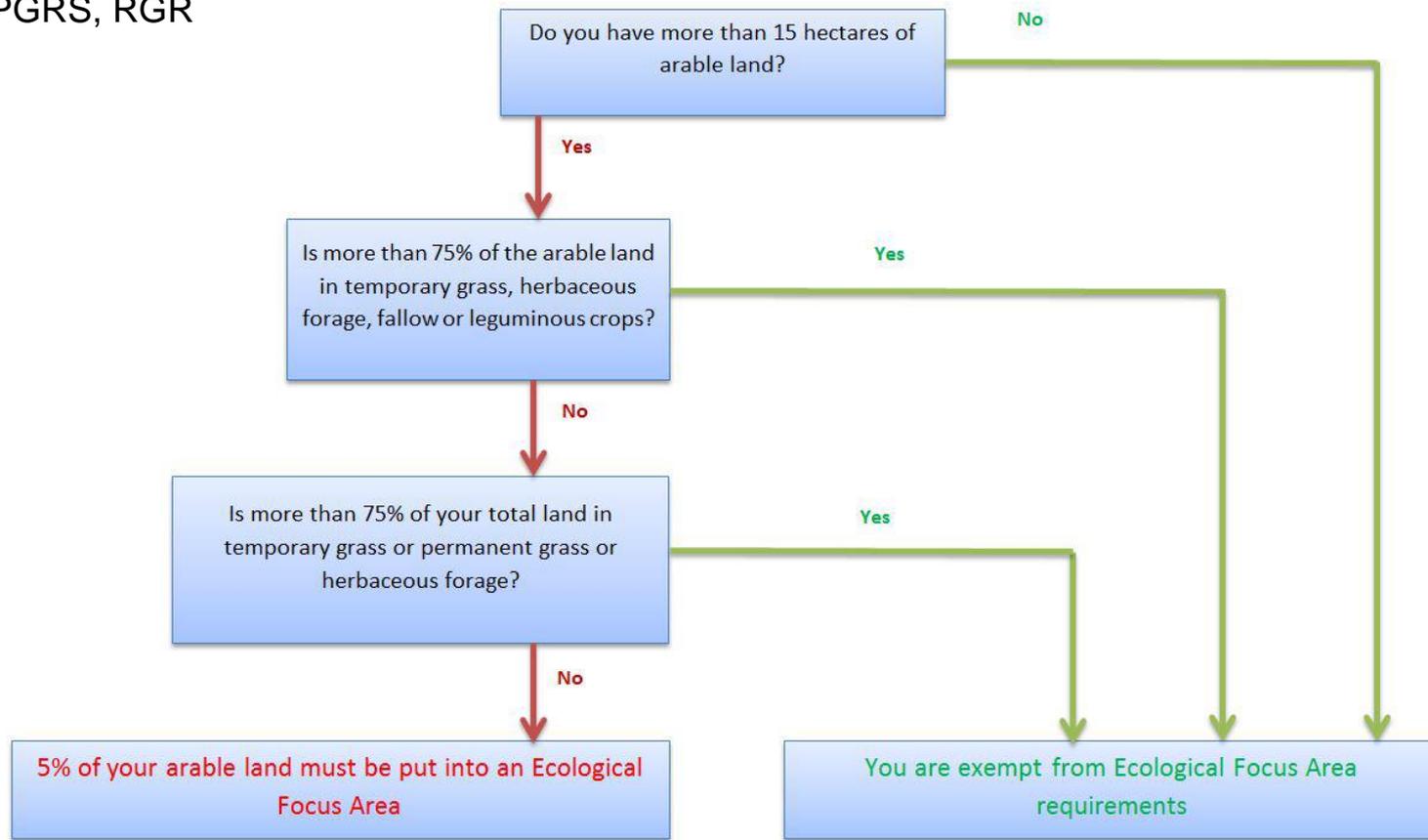
# Changes to EFA exemptions

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: _____		Client Name: _____	
Farm Name: _____			
<b>Land Details</b>		Scottish greening measures in 2018.	
Is the land in the Single Application Form designated Organic? <b>Please Select</b>			
Enter the area of each crop to be grown on non-organic land		v18/08	
Arable	Area	% of total arable area	<p><b>Disclaimer:</b> 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. 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			
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			<p><b>Permanent Pasture</b> No required action</p>
<b>Total arable area</b>	<b>0.00 Ha</b>	<b>% of total agricultural area</b>	
Permanent pasture/crops	Area		
Rough grazing			
Permanent pasture			
Other			
Other			
<b>Total permanent pasture/crops area</b>	<b>0.00 Ha</b>		
% total land in permanent grass, temporary grass or herbaceous forage			
<b>Total agricultural area</b>	<b>0.00 Ha</b>		



**Crop Diversification**  
Based on the information entered above the following crop rule applies: \_\_\_\_\_

**Two crop rule**  
Main crop \_\_\_\_\_  
Second crop \_\_\_\_\_  
Is the business compliant with the two crop rule? \_\_\_\_\_

**Three crop rule**  
Main crop \_\_\_\_\_  
Second crop \_\_\_\_\_  
Other Crops \_\_\_\_\_  
Is the business compliant with the three crop rule? \_\_\_\_\_

**N Fixing Crop**  
Total EFA crop \_\_\_\_\_  
Main EFA N Crop \_\_\_\_\_  
Is the business compliant with the Main N crop < 75% EFA N Fixing Crop? \_\_\_\_\_

**Ecological Focus Areas (EFA)** Does the business need to comply with EFA requirements? \_\_\_\_\_

EFA feature	Amount of any single EFA feature required	Weighting factors	Enter area of planned EFA measures	
			On-farm Measurement of EFA	Adjusted EFA (ha)
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		
<b>Total Adjusted EFA</b>				

If applicable, does the business have sufficient EFA? \_\_\_\_\_



The European Agricultural Fund 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 10m<sup>2</sup> of EFA area and if the hedge forms a boundary, each linear meter will equal 5m<sup>2</sup>
  - 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



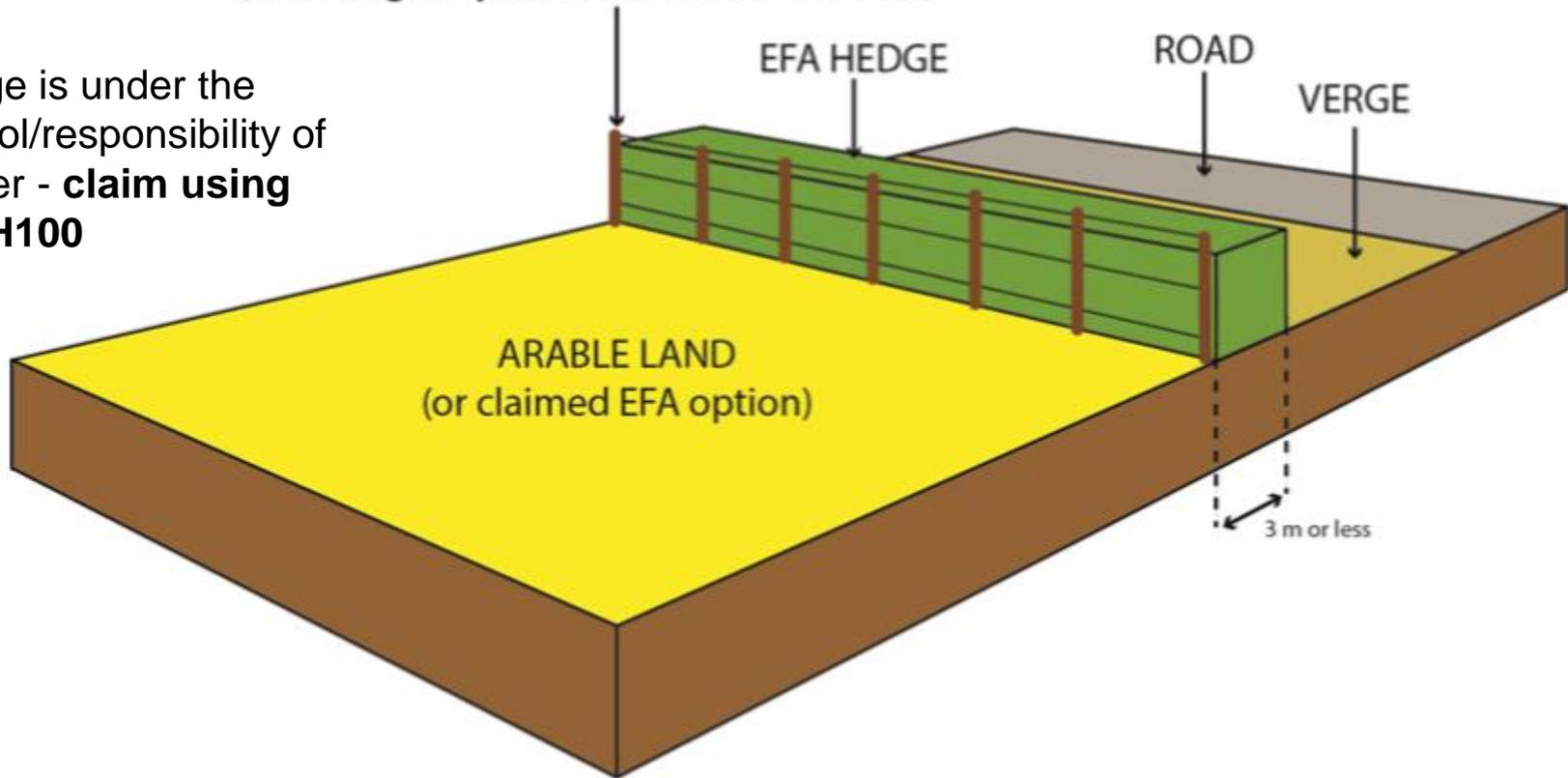
FIELD BOUNDARY FENCE  
(EFA hedge adjacent to BPS claimed field)

EFA HEDGE

ROAD

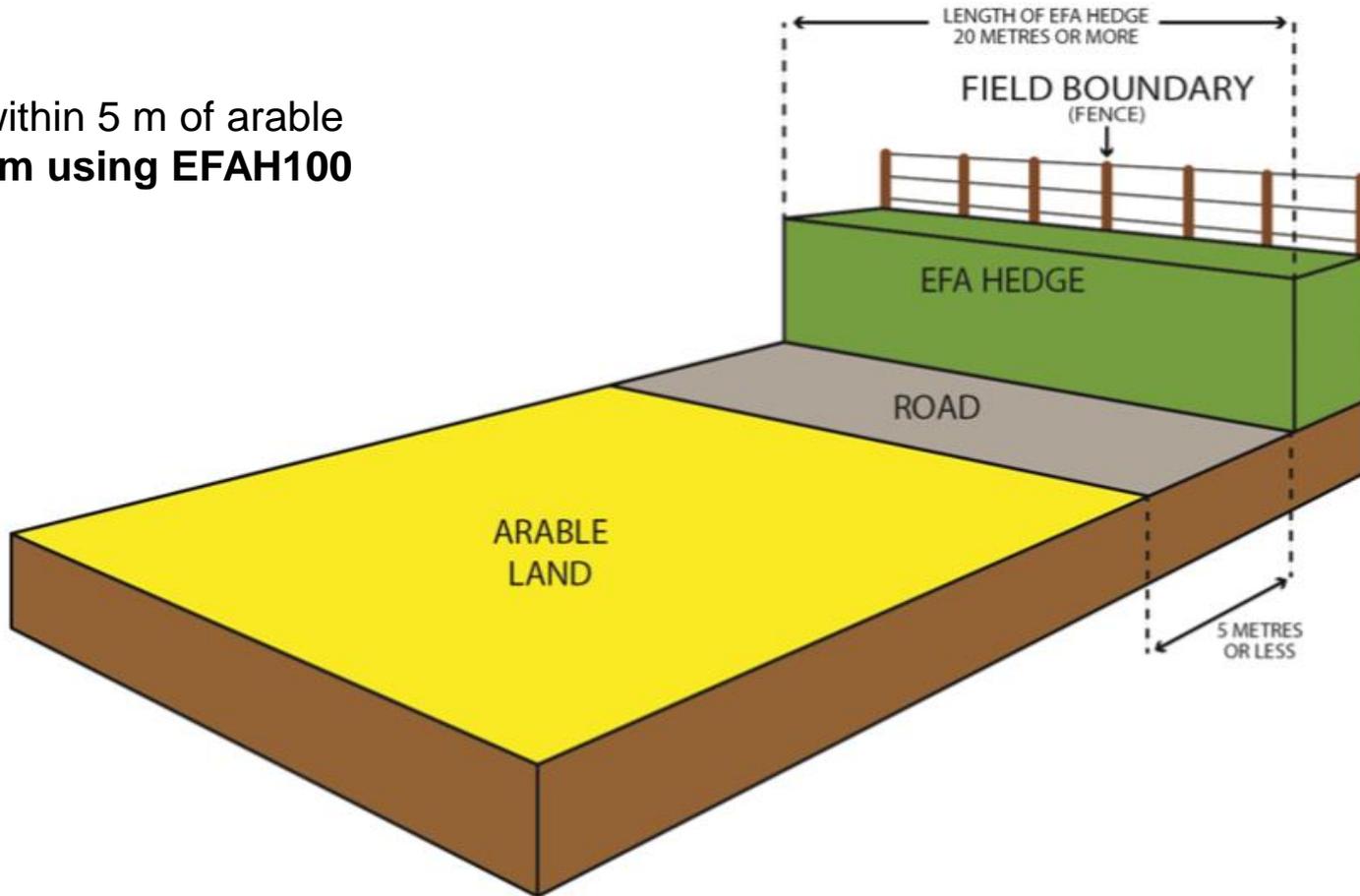
VERGE

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

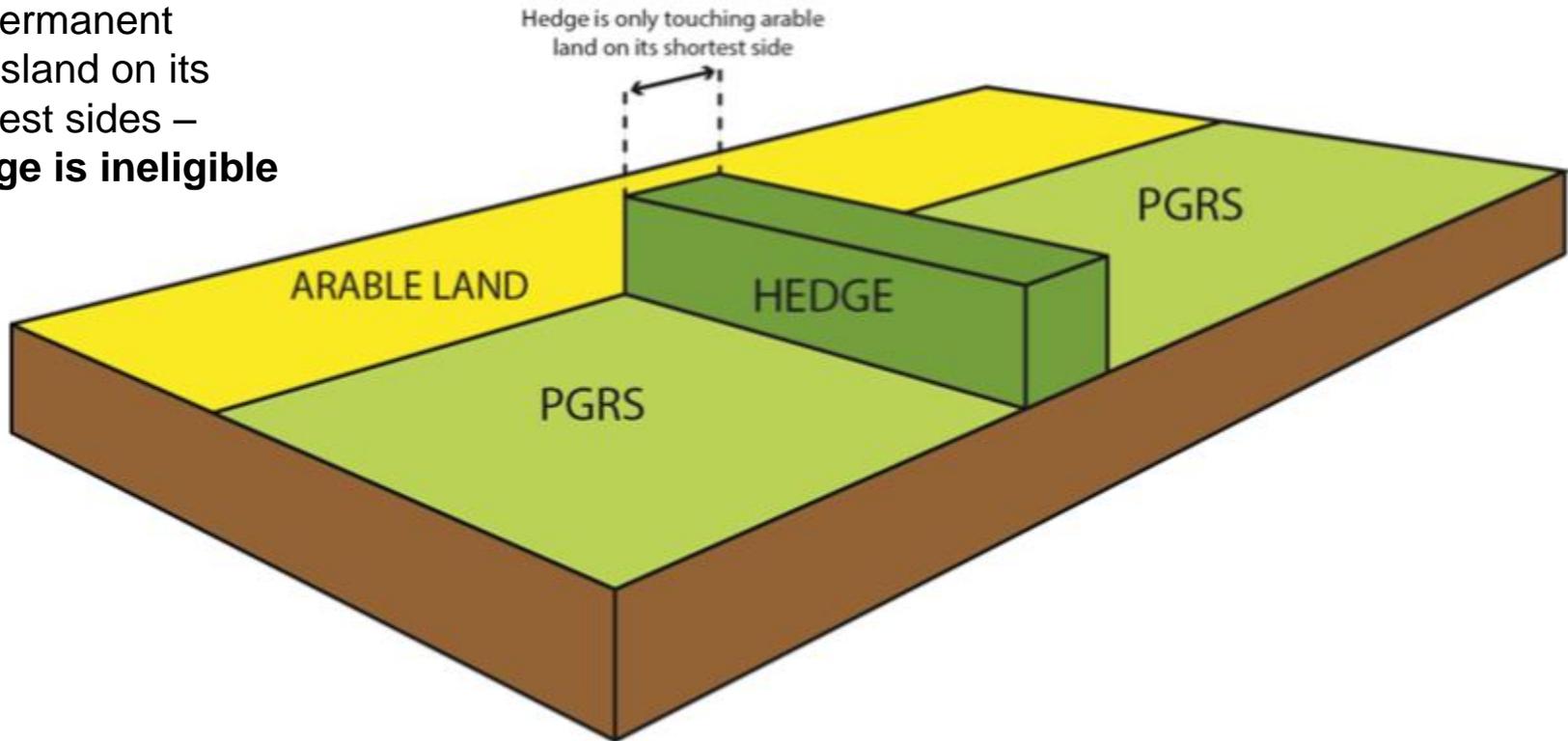




Hedge is within 5 m of arable land – **claim using EFAH100**

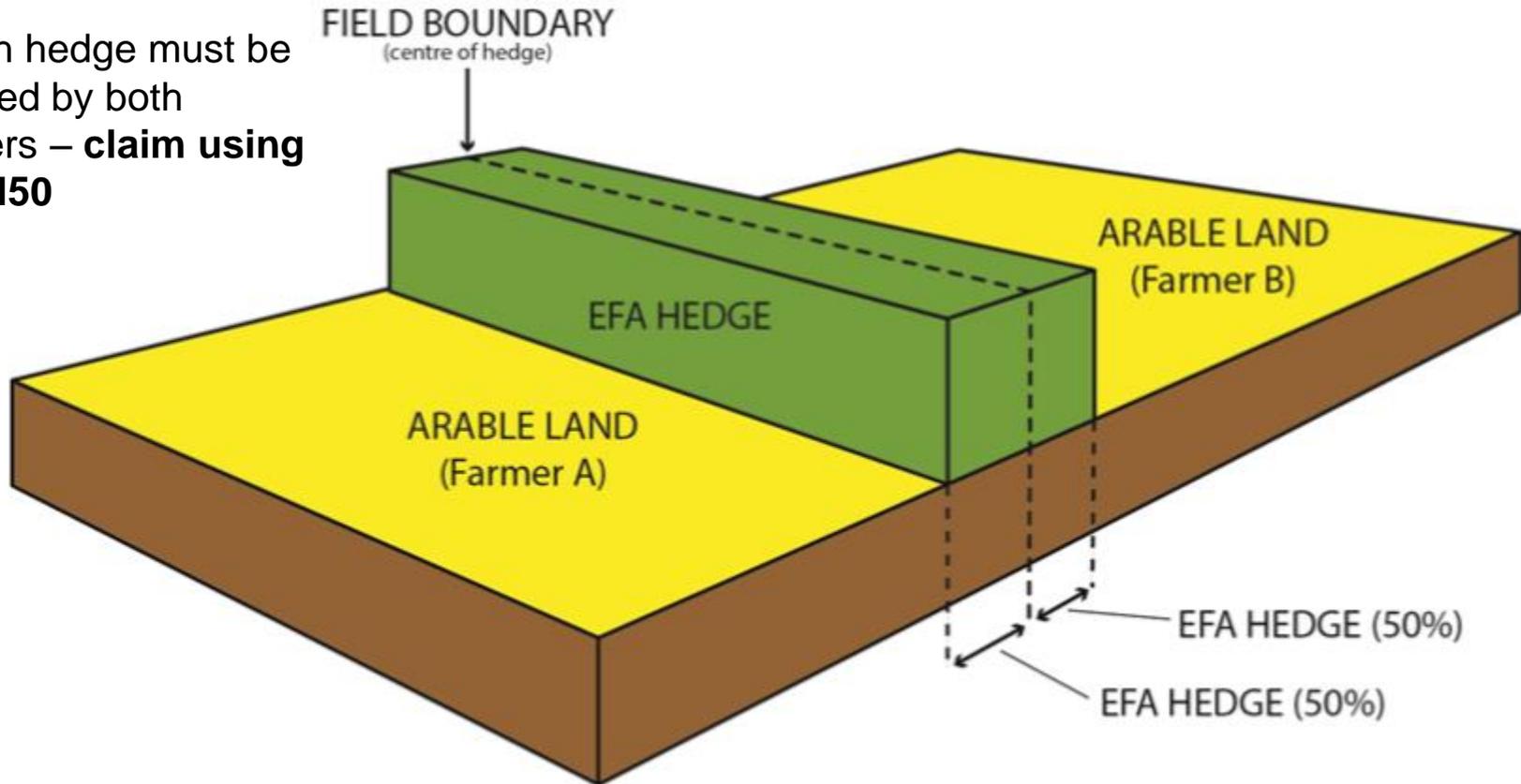


Hedge is surrounded  
by permanent  
grassland on its  
longest sides –  
**hedge is ineligible**





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

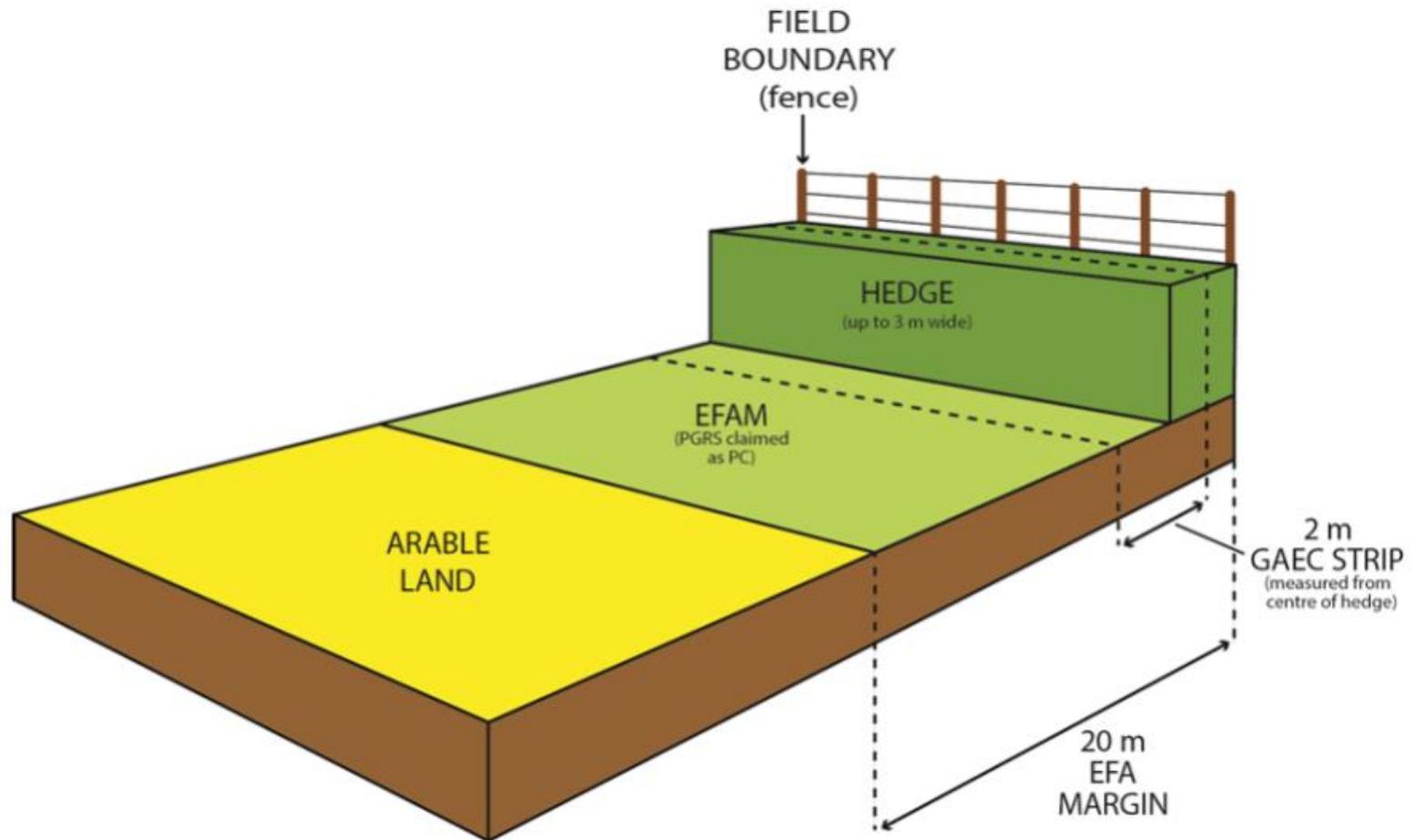
# New EFA options

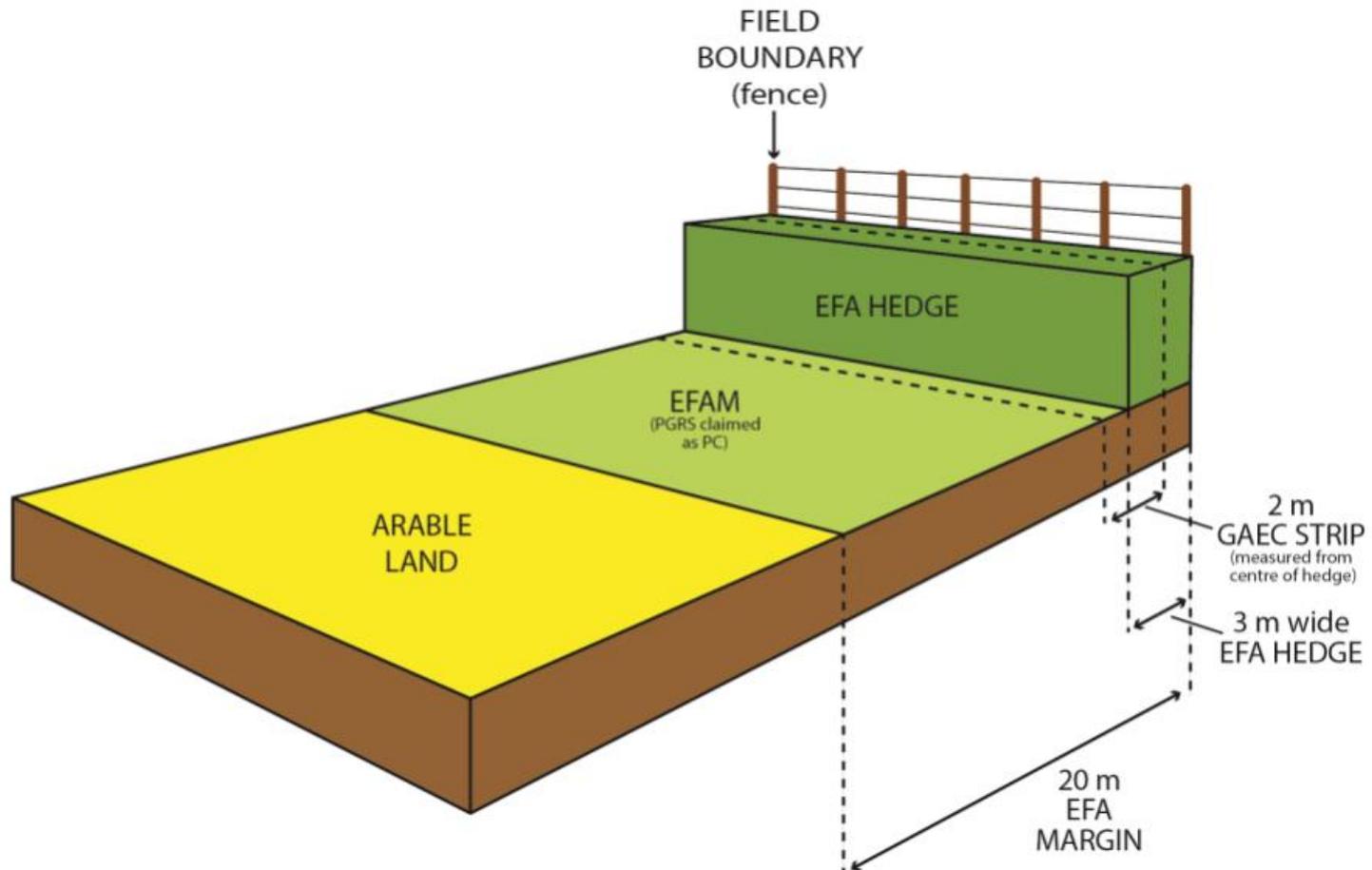
- EFA margins cont.
  - Margins can be cut (including for hay and silage) and grazed after the 15 July but can only be grazed if they do not contain or are adjacent to a watercourse
  - Spoil from ditch cleaning can not be spread on EFA margins

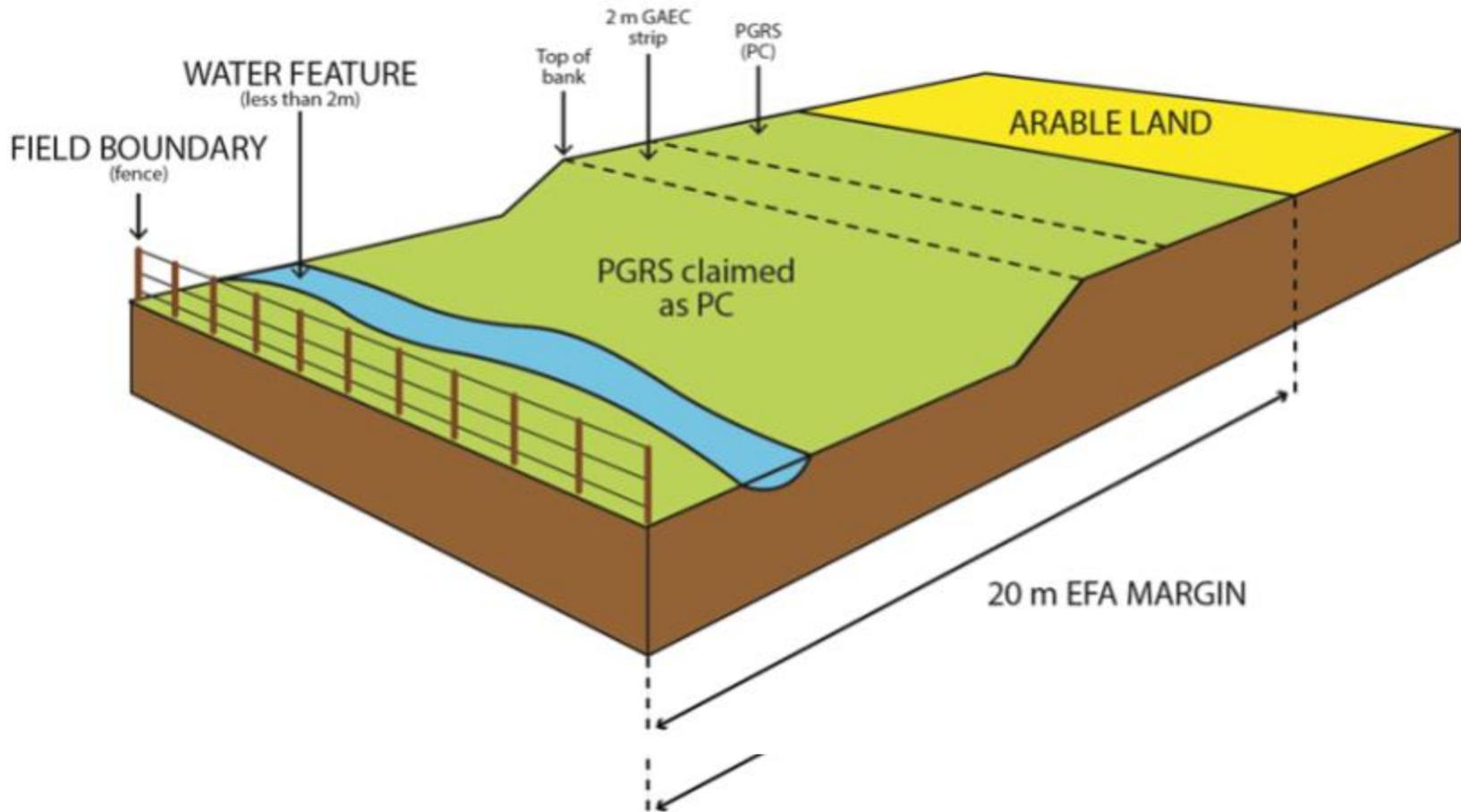
# Examples of EFA margins

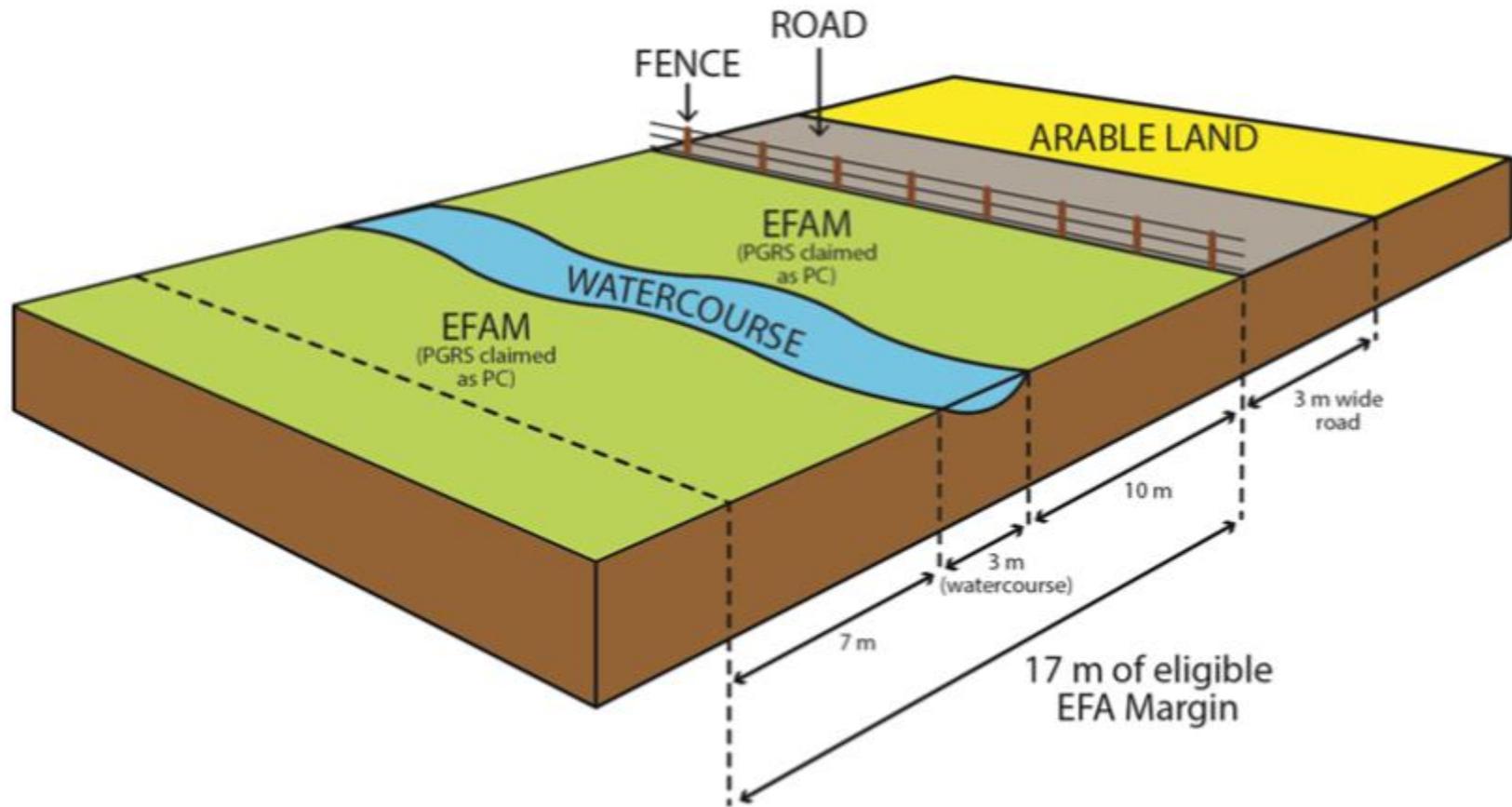


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# Issues found at inspection in 2017



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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



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	EFAFIX	1
Catch crop (area in hectares)	On arable land	EFAACC	0.3
Green cover (area in hectares)	On arable land	EFAAGC	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 m <sup>2</sup>
	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 m <sup>2</sup>

# Greening guidance

- <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

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Rules for crop diversification

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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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Rules for permanent grassland

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Examples of how Greening rules can be applied and followed

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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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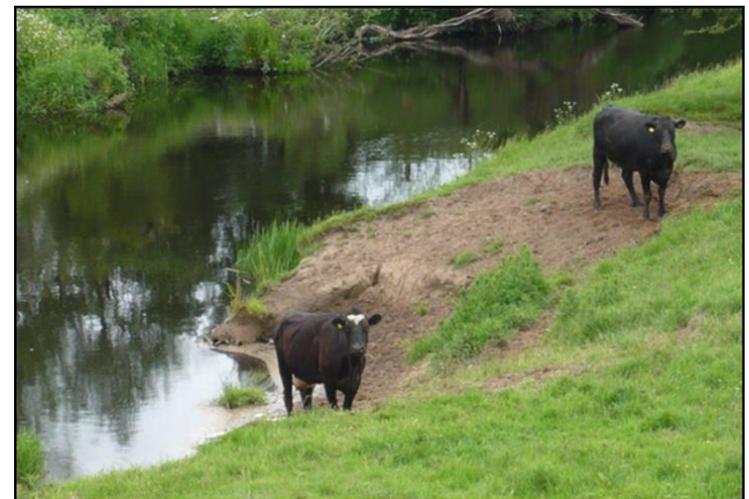
# GAEC 1- Buffer Strips along watercourses



- 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



<https://www.ruralpayments.org/publicsite/futures/topics/inspections/all-inspections/cross-compliance/>

The header of the Scottish Government Rural Payments and Services website. It has a dark blue background. On the left is the Scottish Government logo and the text 'Scottish Government Riaghaltas na h-Alba'. On the right are 'REGISTER' and 'LOGIN' buttons. Below the navigation is a search bar with a magnifying glass icon. The main title 'Rural Payments and Services' is centered in white.

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# Inspections - Tips

- Have a system for recording information – computer or paper
- Know the rules
- Have NVZ, spray, dipping and vet records up to date too



# Thank You

