

An Introduction to the Farming Advice Service



AE AEA

FAS helpline - 0845 345 1302

- provides confidential advice for technical queries

FAS website - <http://www.defra.gov.uk/farming-advice/>

- provides links to information and a calendar of events in your region

Text message updates

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Cross compliance failures –year comparison

MR/G AEC		2006	2007	2008	2009	2010	2011	2012			
SMR 4		88	83	67	41	87	72	205			nvz
SMR 6		7	9	17	21	22	24	30			Pig id
SMR 7		1419	1213	1286	1663	1149	1273	670			Cattle id
<u>SMR 8</u>		72	178	218	141	118	170	280			Sheep id
SMR 9		23	16	14	24	26	32	48			pesticides
<u>GAEC 1</u>		14	35	50	61	80	88	169			spr
<u>GAEC 8</u>		20	18	18	18	25	20	54			footpaths
<u>GAEC 14</u>		59	35	34	55	69	77	184			Hedges + ditches

Cross compliance changes for 2013

- GAEC 1 – Dates have been updated
- GAEC 5 – new footnote regarding thresholds for forestry projects
- GAEC 6/SMR 1/SMR 5 – regulatory changes meaning the consent requirements across these standards are now the same.
- GAEC 12 – clarified one rule (cutting no more than 50% in 12 months) to remove inconsistency with the legislation
- GAEC 15 – clarifications around exemptions to the removal of hedgerows & hedgerows forming the curtilage of a dwelling

Cross compliance changes for 2013 (during year)

- SMR 4/GAEC 19 - NVZ and No spread Zones
- SMR 7 - (Sheep id – dates deferred for lambs going to slaughter)

SMR 9 – restrictions on the use of plant protection products –
the recommendation in practice (agronomist)

- **Product choice** – Need to show that cultural methods could not have achieved the desired result (Sustainable Use Directive)
- Product is approved for that crop type
- Product is approved for that timing (growth stage of crop)
- **Dose rate** – recommendation needs to cover why dose rate chosen

SMR 9 – restrictions on the use of plant protection products – the recommendation in practice (farmer)

- ***Keep up to date records of plant protection products and biocides - SMR 11***
- **Agronomist recommendations**
- **Application records**
- **PA1,2, 4, 6, etc**
- **(slug pellet applicator licence?)**
- **(contractor records?)**
- **Sprayer MOT?**

SMR 9 – restrictions on the use of plant protection products – the recommendation in practice (farmer)

- **Storage – out of date pesticides (MAPP numbers)**
- **Approved pesticide store (SMR 11) – *store hazardous substances separately and securely***
- *Permits for spraying, correct certification, checking and use of equipment, handling and storage of pesticides*

NVZ recording requirements

- STOCKING DENSITY = Livestock manure N farm limit
- Slurry & Poultry manure storage
- Organic manures – RATE, TIMING & METHOD
- Fertiliser Nitrogen – RATE, TIMING & METHOD
- FARM RISK MAP
 - Record keeping
 - You must be able to prove all the above

New rules/changes for NVZ

- Note areas in NVZ have changed!!
- Check using planet or Whats in my backyard website

New rules/changes for NVZ

- To include all organic manures not just livestock manures. For compost, sewage sludge etc -, farmers will be expected to use analyses provided by the supplier or standard values in the Fertiliser Manual to calculate the nitrogen contribution.

New rules/changes for NVZ

- Closed periods for manures with high readily available nitrogen are to be increased by two weeks to 31st January on soils other than sandy or shallow. Application of manufactured N will be permitted in this period where appropriate.

New rules/changes for NVZ

- The manure N efficiency values used in NMax calculations will be increased for cattle and pig slurry to those set out in the consultation to:
 - 40% for cattle slurry (35% in 2012)
 - 50% for pig slurry (45% in 2012).

The N max calculation

Field name /reference	Crop area	Manure type	Rate Applied	Total Quantity Applied	Total N content	Manure N availability	Crop Available N for NMax
	ha		t/ha or m ³ /ha	t or m ³	kg/t or kg/m ³	%	kg N
<i>Examples</i>							
2010	8.00	Cattle slurry	35	280	3.0	20	168 22kg/ha
2013	8	Cattle Slurry	35	280	3	45	378 47kg/ha
Total amount of available nitrogen from all applications of livestock manure							

(Cattle Slurry will only give 45% availability if applied in the spring or summer.)

The N max calculation

Field name /reference	Crop area	Manure type	Rate Applied	Total Quantity Applied	Total N content	Manure N availability	Crop Available N for NMax
	ha		t/ha or m ³ /ha	t or m ³	kg/t or kg/m ³	%	kg N
<i>Examples</i>							
2014	8	AD Digestate	35	280	3.75	80%	840 105kg/ha
2014	8	Sewage Cake	30	240	8	15%	288 36kg/ha

Some products may need to be used very efficiently!!

Stocking rate restriction (N Farm Limit)

- Stocking shall not exceed 170 kg/ha N / year
- Does NOT affect fertiliser use
- Includes manure deposited during grazing
- Includes imported livestock manure
- Will include compost, sewage sludge, AD Digestate,
- Calculations must follow a standard procedure
 - Use standard livestock N production values
 - For other organic manures use analysis if available or standard figures.

Closed Seasons:

- Apply to SLURRY & poultry manures (High Nitrogen Available Manures)
- Will include AD Digestate
- Other manures (Low Nitrogen Availability) not subject to closed season
- 2013 ends on 15th January. 2014 ends 31st January
 - Sandy and shallow soils OK if crop sown before 15th Sept

CLOSED PERIODS - MANURES WITH HIGH AVAILABLE N			<i>dates in to 2014</i>
<i>Including all slurries and poultry manures</i>	Grassland	Arable	
Shallow / Sandy soils	1st Sept - 31 Dec	1st Aug - 31 Dec	
All other Soils – medium & heavy soils	15th Oct - 31 Jan	1st Oct - 31 Jan	

New rules for NVZ

- Application rate limits at the end of closed periods until the end of February reduced from 50m³ to 30m³ of slurry, at any one time every three weeks.

New rules for NVZ

- Application rate limits for PAS100 green and food/green composts will be changed to 1000 kg N/ha every four years in specified circumstances when applied as mulch and to 500 kg N/ha every two years when worked into the soil.
- Spreading of manures within 6m of watercourses will be permitted where precision equipment is used. Defra will work with industry to define 'precision' in this context.

Soil Protection Review

- Must have completed an SPR 2010
- Update annually (**ACTION Now Required!**)
- **2014 additional sheet will be issued.**



Cattle – so what's the problem?

- GB cattle herd of over 8 million cattle
- 90,000 registered holdings with cattle
- 2.5 million cattle born in 2010
- 13.5 million cattle movements in 2010

- All cattle uniquely identified (individual passport)
- National database (CTS)

Breakdown of breaches

Code	Description	% of total
FM	Failure to report movement to BCMS	35%
DD	Animal is dead or presumed dead but the animal documentation is found on farm. Also animal recorded dead in records with no passport present and no death has been reported to BCMS.	22%
MV	Movement details not recorded or incorrectly recorded on passport, farm records or CTS.	14%
NF	Animal is not found in the farm records.	14%
TG	Animal with tag issues, this could refer to an incorrectly tagged animal, an animal missing tags or an animal with no tags.	7%
NP	Animal is on farm with no documentation.	3%
NA	Passport, CoR or CPP35 present without an animal	3%
DB	Incorrect or missing date of birth (used for homebred animals only)	1%
ID	Dam ID error. The dam recorded in keepers records does not match the passport.	1%

Cattle Inspection – What is covered?

- A full records check
- Passport check
- Physical inspection of all cattle
- Check supply of unused tags
- Inspection of land (if a full inspection)

Responsibility of the grazier and landowner

- GRAZIER (day to day responsibility)
 - Sheep – movements etc
 - Cattle – movements etc where land is linked
 - Cattle – where not linked
 - Movements on to holding/off holding
- LANDOWNER
 - Soil protection review
 - EIA's overgrazing etc
 - Herd register
 - Soil protection review
 - EIA's overgrazing etc
 - Herd register
 - Soil protection review
 - EIA's overgrazing etc
 - Passports
 - Movement off
 - Closed periods

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