



**WELSH LAMB & BEEF PRODUCERS LTD**

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# **FARM ASSURED WELSH LIVESTOCK SCHEME PRODUCER MANUAL 2026**

**Introduction:**

Quality Welsh Food Certification Ltd (QWFC) is a Certification Body accredited by the United Kingdom Accreditation Service (UKAS) to ISO17065, an internationally recognised standard for certification bodies.

This document contains information that you need to read before you decide to join any scheme certified by QWFC or to maintain your certification for a scheme, including information on how we conduct assessments: it must also be read in conjunction with the scheme standards that will be the subject of assessment and certification activity.

Please be sure to read all documents in full before you make your application for certification or before your next assessment.

**Application for certification**

Applicants must complete an application form and submit payment to QWFC before initial assessments. Payment must be made as specified in the Scheme Fees Leaflet and re-assessment undertaken according to and at times stipulated in scheme rules to maintain certification.

**Assessments**

We check whether applicants or clients are complying with the scheme standards by assessments which may be undertaken by one of our assessors or an assessor from another assessment body. An initial assessment is required before certification may be granted and re-assessments are carried out at the prescribed frequency for each scheme also a number of Clients will be selected, at random, for an Assessment in addition to the routine assessment.

Assessments may be carried out at 'Short Notice' typically 4 working days or 'Unannounced'. Where notice is to be given an assessor will contact you when your assessment is due to arrange a mutually convenient date. If you are unable to agree an appointment by the date the assessment is due, your certification will be delayed or may be suspended pending assessment.

The Welsh Government Quarantine Unit Scheme is subject to 'in-use' inspection by the Animal Health & Plant Agency (APHA). If APHA identify a non-conformance against the QU Scheme Standard, QWFC will need to investigate further. This may require a further visit which may incur a fee; you will be contacted to agree to this before we proceed. Fees are not refundable.

Please try and prepare for the Assessment so that it can be carried out as effectively and efficiently as possible. If the Assessor is unable to complete the process because for example, some records may not have been immediately available, processes in operation or facilities may not be to hand, it may be necessary to re-visit & unfortunately, we will need to pass on the extra cost.

**The Assessor will need to:**

**(a)** talk to the person responsible for the operation of the activity for which certification is being applied for **(b)** review relevant records **(c)** have access to facilities, buildings or processes **(d)** evaluate samples of inputs or outputs.

Please make sure that the assessor will be able to evaluate all the different elements of a process; service or facility that is to be certified. If you only have part of an operation available for assessment, you may only be certified for the activities assessed or you may be declined certification. If you wish to increase or change the scope of certification to, you'll need to notify QWFC and a further assessment may be required. **Check your documents carefully to make sure that the scope of certification meets your requirements.**

Any aspects of an operation found during assessment that don't comply with the requirements of a scheme's standards, will be recorded by the assessor on a "Non-Conformance Form" which you will be asked to sign to confirm your agreement. This form is to provide information only and is not indicative of whether certification will be granted or declined.

The "Non-Conformance Form" together with the assessor's report will be forwarded to QWFC for review and a decision on certification: QWFC will write to you to notify you

of the results of the assessment. If any non-conformances require action, you will be sent a “Non-Conformance Action Report” explaining what is required and the date by which it needs to be completed. In some circumstances, re-assessment may be necessary which may incur a fee; you will be contacted to agree to this before we proceed. Fees are not refundable.

If you have no non-conformances or have rectified any raised; you may be granted certification against the scheme. You will be issued with a Certificate or Letter to confirm certification & permitted to use the appropriate scheme mark and QWFC logo on products, literature, stationery, and advertising where relevant. Use of scheme marks must be in accordance with the rules specified in the QWFC document “Conditions Governing the Use of Certification Marks” which you can find on the QWFC website [www.qwfc.co.uk](http://www.qwfc.co.uk) or request on 01970 636688.

QWFC Certificates of Conformity are not transferable and are the property of QWFC. Certificates are valid until the expiry date stated on them unless surrendered; replaced or revoked & should be reproduced in their entirety when required. QWFC’s certificates can only be used in relation to activities; facilities or products that are included in the scope of certification.

Certification may be suspended If you fail to rectify non-conformance raised by the due date and do not contact us; if you fail to pay any fees due, or whilst we investigate a compliant received. Whilst certification is suspended, and you will be unable to market your output, undertake a service or operate a facility as certified against the scheme. You will be notified of the suspension and informed of the reason and what is required to regain your certified status. Permanent withdrawal of certification may follow suspension and you need to re-apply for certification. You cannot claim to be certified against the scheme and any QWFC Certificate of Conformity and scheme marks must be returned. **In cases of serious breaches of the requirements of scheme standards or ‘terms & conditions’, or if an applicant or client has been abusive towards any person who is part of the certification process, or if the applicant or client is bringing the relevant scheme into disrepute, or subject to legal action certification may be withdrawn at our absolute discretion.**

You must inform us, without delay, of any change in your circumstance, for example a change in the structure of a company or partnership or the scope of activities following expansion or significant investment. Such notification should be made in writing. Certification is non-transferable and a change of ownership requires a new application. If you do not inform us of the scope of your activities, it could lead to your products being rejected or use of facilities suspended. In certain situations, failure to notify us of a change of circumstance may result in your certification being suspended until an assessment and follow up procedures can be completed.

It is a condition of certification that you inform us immediately if you or any organisation; business or individual that you are associated with is / are subject to investigation by, prosecution by or issue of a statutory notice from a statutory body relating to animal health or welfare, the environment, feed or food safety. Failure to immediately notify us of such action being taken may result in your certification being suspended. Conviction resulting from such action may result in certification being withdrawn.

You must also notify the competent authority should there be an issue of which you are aware that could affect human or animal health.

It is a condition of certification that you cooperate in the investigation of any complaint by QWFC & record any complaints received & action taken: this record and actions taken will form part of the assessment

## **RULES GOVERNING CERTIFICATION**

### **Clients shall:**

At all times comply with these rules as amended from time to time;

- Comply with the requirements of the Scheme Standard. Repeated failure to comply with any of the specified requirements of the Scheme Standard may result in suspension or withdrawal of Certification
- Retain a copy of the most recent Scheme Standard;

- Give representatives of QWFC, and 'observers as required, access during normal working hours to establishments
- Nominate a management representative and one or more deputies authorised to act in the main nominee's absence (and replacement nominees as may be necessary) who shall be responsible for all matters in connection with the requirements of the Certification
- Correct any deficiencies identified during continuing assessments;
- Ensure that products; activities or facilities continue to fulfil requirements & not deliver or knowingly permit the delivery or sale of downgraded products as products conforming to the Scheme Standard;
- Use a Mark of Conformance or make claims regarding certification only in respect of products; activities or facilities which are subject to the Certification, produced at the address stated, and strictly in accordance with the conditions for its use;
- Discontinue any use of a Mark of Conformance which is outside the scope of the conditions for its use, or which is unacceptable to QWFC, and any form of statement with reference to the authority of the Client to claim compliance with a Certification Scheme which in the opinion of QWFC might be misleading;
- Upon withdrawal of the Certification (however determined) forthwith discontinue use of any Mark of Conformance for which a licence has been issued and all advertising matter which contains any reference thereto. In addition, any other documents in possession of the Client which bear reference to the Certificate of Conformance shall, if QWFC requires, be so treated;
- Not conduct operations in a manner which may affect the confidence of buyers and consumers in the reliability of QWFC's Certification Schemes.

**Having regard for QWFC administrative costs, Clients and Applicants shall pay:**

- the relevant annual fee for assessment and Certification;
- the cost of any additional assessment deemed to be necessary;
- the cost of assessment where less than 24 hours' notice of the need to cancel is given; or it has been cancelled on more than 2 consecutive occasions
- the cost of any additional sampling or testing deemed to be necessary;
- any additional costs incurred by QWFC due to non-conformance with these Rules.

**Further Information**

For further details on the operation of any QWFC certification scheme and the QWFC certification procedure, please visit our website [www.qwfc.co.uk](http://www.qwfc.co.uk) or contact us directly on 01970 636688.

If you wish to appeal against any decision on certification, please write to us at QWFC, Gorseland, North Road, Aberystwyth, Ceredigion, SY23 2WB within 14 days of receiving notice of the decision. Please give your reasons why you believe the decision to be wrong. If we are unable to resolve this issue, a tribunal appointed by QWFC will consider the appeal: you will be entitled to make representations to that tribunal. Full details of the QWFC appeals procedure can be requested by ringing 01970 636688.

Any complaint regarding the operation of the certification system by QWFC should be forwarded to QWFC, Gorseland, North Road, Aberystwyth, Ceredigion, SY23 2WB; for investigation

**Statement of Policy**

QWFC undertake to administer Schemes and their certification activities effectively and efficiently at all times. However, we cannot be held responsible for any losses that arise from, including without limitation, any industrial action or the failure of any machine, data, processing system, transmission link or any other event outside our reasonable control.

Scheme standards may change over time, for example in response to new or amended legislation. You will be informed of any changes to scheme standards and the timeframe

for their implementation, and you must ensure full compliance with any changes to scheme standards and relevant legislation to retain certification. Scheme standards and scheme regulations may be in addition to any statutory requirements. Nothing in any scheme standards or scheme regulations shall be deemed to provide any exemption from the legislation and you must comply with all legislation relevant to the scope of the relevant scheme at all times. Under no circumstances shall QWFC, their employees or agents be liable for any losses, damage, charges, costs or expenses of whatever nature (including consequential loss) which you may suffer or incur by reason of, or arising directly or indirectly from the administration by QWFC, their employees or agents or the performance of their respective obligations in connection with a certified scheme save to the extent that such loss, damage, charges, costs and/or expenses arises as a result of finally and judicially determined gross negligence or wilful default of such persons. It is a condition of certification that you agree to abide by the scheme standards at all times and implement as appropriate, any changes that may be communicated to you. QWFC reserves the right to implement alterations to scheme standards and operating procedures where, at its absolute discretion, it considers it necessary to do so. Scheme standards, scheme regulations and Producer Manual represent the entire understanding between applicants or clients and QWFC and applicants or clients will need to acknowledge that they have not relied upon any other statement (written or oral) in applying for certification or claims to be certified against the scheme.

Rows marked with the letter 'C' refer to standards that apply to cattle, while 'S' refer to sheep standards; CS applies to both. Standards marked 'Key' indicates that if a farm assessor finds a major non-conformance against that standard, it may result in suspension of certification until it is put right

### Section 1: Food Safety

The safety of the food we eat is of paramount importance and it is the responsibility of all those who produce, prepare and market food to guarantee the integrity of their role in the food chain. To that end, FAWL members need to ensure that they comply with the following food safety related standards.

			Requirement	Guidance
<b>1. Livestock Movements and Traceability:</b> <i>To ensure that all Livestock that are destined for human consumption can be traced back through the production chain.</i>				
Cattle Tagging and Passports	<b>1a Key</b>	Cattle (C)	All calves must be double tagged, and passport applications made within the deadline imposed by legislation. Passports must be kept in a safe and secure place. Deadlines: - Dairy Calves – 1 <sup>st</sup> tag within 36 hours, 2 <sup>nd</sup> within 20 days Beef Calves - Both tags within 20 days. Passport Applications – Within 27 days of birth.	Refer to the BCMS Cattle Keepers Handbook for deadlines and full details of keeper's obligation. <b>Please note that the use of brisket tags is illegal.</b> Link to handbook: <a href="http://adlib.everysite.co.uk/resources/000/236/568/Cattle_keeper_s_handbook.pdf">http://adlib.everysite.co.uk/resources/000/236/568/Cattle_keeper_s_handbook.pdf</a> Link to Welsh Government Guidance: <a href="https://gov.wales/cattle-movements-and-registration">https://gov.wales/cattle-movements-and-registration</a>
Cattle Herd Register	<b>1b Key</b>	C	Cattle births, movements and deaths must be recorded and registered with BCMS in accordance with current applicable legislation. An on-farm herd register must be kept as required by current applicable legislation.	Refer to the BCMS Cattle Keepers Handbook (see above) for deadlines and full details of keeper's obligation. It is recommended to use a suitable record book such as the Welsh Government's (WG) Cattle Herd Register or computer software package <a href="https://gov.wales/sites/default/files/publications/2018-01/farm-scheme-inspections-herd-register-booklet.pdf">https://gov.wales/sites/default/files/publications/2018-01/farm-scheme-inspections-herd-register-booklet.pdf</a>
Sheep Tagging and Identification.	<b>1c Key</b>	S	All lambs born on a holding must be identified in accordance with applicable legislation. Lambs must be identified by tagging (or other approved means) before they move off the holding of birth or before they reach 6 month of age (if intensively managed) or 9 months (if extensively managed). Lambs identified must be electronically tagged either with a single electronic slaughter tag (if destined to be slaughter in an UK abattoir within 12 months) or full EID (1 electronic tag and a matching non-electronic tag).	Statutory requirement - Refer to the Sheep and Goats (Records, Identification and Movement) (Wales) Order 2015. Refer also to Guidance for Keepers – Rules for Identifying Sheep & Goats 2018 <a href="https://gov.wales/sites/default/files/publications/2020-11/sheep-and-goat-identification-guidance-for-keepers-2018.pdf">https://gov.wales/sites/default/files/publications/2020-11/sheep-and-goat-identification-guidance-for-keepers-2018.pdf</a>
Sheep Flock Record	<b>1d Key</b>	S	An on-farm flock register must be kept as required by current applicable legislation. An inventory of sheep on holdings as at the <b>1<sup>st</sup> December</b> must be made each year. All details of identifications, deaths and movements must be recorded: <b>Identification</b> – Within 36 hours of identification of the lamb (as in 1c above) <b>Deaths</b> – Within 36 hours of the discovery of the death. The record must include method of disposal of carcass and relevant identification details. <b>Movements</b> – Within 36 hours and a report to EID Cymru of the movement (if via a Central Point of Recording, 48 hours is permitted for the entry of tag details) details must include date, number and identity of sheep, source and destination.	Refer to the WG publication – Guidance for Keepers – Rules for Identifying Sheep & Goats – Section 4 (See above for link) It is recommended to use WLBP's online movement records package, a suitable record book such as the WG Sheep and Goat Record Book or EID Cymru's online service

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			Requirement	Guidance
Sheep Movement Licences	<b>1e Key</b>	S	Movement documents must be used to declare to EID Cymru all sheep movements onto and off the holding within three days of movement. These must include individual identity numbers where relevant.	It is recommended that the WLBP web-based records service or EID Cymru online movement recording service is used. Otherwise, the white copy of the movement licence must be returned to EID Cymru within 3 days of movement.
Bought in Livestock	1f	CS	All Livestock must spend a minimum period prior to slaughter on a farm that is registered under a recognised farm assurance scheme. That period may be shared between more than one assured farm. Checks must be made by the buyer to ensure that a previous owner was a member of an approved assurance scheme. The minimum periods are: - Beef 90 days and Sheep 60 days.	It is advisable to buy only from Farm Assured holdings. Approved assurance schemes are QMS Cattle & Sheep schemes; the Red Tractor Beef & Lamb; LMC NI Beef & Lamb Scheme
Assurance Status	1g	CS	If you intend to market your produce as farm assured, the following provisions apply: <ul style="list-style-type: none"> <li>• If Livestock are purchased from a market, the market must be assured.</li> <li>• If Livestock travel via a collection centre, the collection centre must be assured.</li> <li>• Hauliers and vehicles used to transport Livestock must be assured, either under the FAWL scheme, the Red Tractor Livestock Transport scheme (or equivalent).</li> </ul>	If any of your finished stock is likely to end up being marketed under the Red Tractor label, it is important to ensure that each link in the supply chain, including haulier, auction market, collection centre or processor is part of a recognised assurance scheme
Store Sales	1h	CS	Documentation supplied with store and breeding Livestock that are sold to another producer must include evidence of FAWL certification and details of any medicines or medicated feeds administered for which the statutory withdrawal period has not yet expired.	Refer to Food Standards Agency Wales – Food Chain Information Requirement. <a href="https://www.food.gov.uk/business-guidance/food-chain-information">https://www.food.gov.uk/business-guidance/food-chain-information</a>
<b>2. Safe Use of Medicines</b> <i>To ensure responsible, judicious and appropriate use of medicines so that food safety is not compromised.</i>				
Controlled Medicines	<b>2a Key</b>	CS	Medicines that are controlled by the Veterinary Medicines Directorate (VMD) must be sourced only from authorised suppliers. Products in category POM-V may only be sourced from a vet or a pharmacist and category POM-VPS may also be sourced from a Suitably Qualified Person (SQP). All containers must carry a prescription label from the supplier that identifies the farm where it is to be used.	A SQP is trained and registered and usually operates from an agricultural supplies' premises.
Inappropriate or Illegal use of Medicines	<b>2b Key</b>	CS	Members must not use or be in possession of unauthorised or controlled medicines unless legally prescribed by an authorised supplier. Controlled medicines must only be used on the Livestock and for the condition or ailment for which they were prescribed.	It is an offence to use or be in possession of unauthorised or controlled medicines unless legally prescribed by an authorised supplier.
Withdrawal Periods	<b>2c Key</b>	CS	All Livestock producers must demonstrate that a procedure is in place to ensure that no animals that have had a medicine treatment can be sent to the abattoir before the statutory withdrawal period for the medicine has expired.	Refer to Food Standards Agency Wales – Food Chain Information Requirement. <a href="https://www.food.gov.uk/business-guidance/food-chain-information">https://www.food.gov.uk/business-guidance/food-chain-information</a>
Identity of Treated Animals	<b>2d Key</b>	CS	All treated animals must be clearly identifiable for the duration of the statutory withdrawal period of the medicine administered. The number treated and means of identification must be recorded.	A system of batch colour marking, individual tag recording or other clear means of identification needs to be operated

## FAWL Scheme Standard

			Requirement	Guidance
Broken Needle Policy	<b>2e Key</b>	CS	There must be an effective procedure for locating and dealing with hypodermic needles that have broken off during treatment of an animal.	See FAWL Scheme Management Record ( <b>FSMR</b> )
<b>3. Livestock Diets</b> <i>To ensure that all Livestock are fed only good wholesome diets appropriate for ruminant nutrition.</i>				
Permitted Ingredients	<b>3a Key</b>	CS	Diets must not contain ingredients that are prohibited under UK law to be fed to ruminants. The inclusion of a licensed feed additive or medication must be in accordance with the relevant UK legislation. The use of antimicrobial and anabolic agents, (including hormones) for growth promotion are banned under UK legislation.	No animal products or by-products may be fed (with the exception of fish oils and milk products.) If medicated feeds are fed, FAWL standards 2c and 2d will also apply
Compound and Blended Feed Supplier	<b>3b Key</b>	CS	Compound or blended feeds must be sourced only from a merchant or manufacturer that is certified with an AIC Feed Assurance Scheme such as UFAS or a scheme that has agreed equivalent standard.	This should include minerals, feed blocks, supplements and milk replacers. <a href="https://www.agindustries.org.uk/sectors/trade-assurance-schemes.html">https://www.agindustries.org.uk/sectors/trade-assurance-schemes.html</a>
Other Feed Sources	<b>3c Key</b>	CS	All other feed materials sourced from off the farm must <b>either</b> be from a UFAS/ FEMAS registered feed merchant, a TASCC registered grain merchant or another assured farm <b>or</b> if from a non-assured source must be covered by an acceptable warranty declaration.	See FSMR for an acceptable warranty declaration format. See also Appendix 8 This requirement includes unprocessed fodder, roots and vegetables whether sourced direct from a producer or from a dealer.
Home Mixing	<b>3d Key</b>	CS	All home mixers of feedstuffs must be registered with the relevant authority. Home mixing must be conducted in accordance with the Industry Code of Practice for On-Farm Feeding.	Local Authority Trading Standards registration unless the mixing incorporates POM-VPS defined products that require Veterinary Medicines Directorate registration.
Pesticide Applications	<b>3e Key</b>	CS	When applying crop protection chemicals to crops or forage that will be fed to Livestock, it must be done in accordance with the manufacturer's recommendations and the statutory conditions prescribed for each product. The statutory records must be kept for each application.	Ref: - Code of Practice for Using Plant Protection Products
Feed Records	<b>3f Key</b>	CS	The quantities and the constituent ingredients of all feedstuffs, whether home mixed or brought in, must be documented and the details kept for at least two years from the last date of feeding the product. If feed has to be sent for analysis to confirm its suitability as animal feed, a record of the result of that analysis must be maintained.	Retain copies of manufacturers' labels and delivery documents. Retain home-mix day sheets.
Stock Feed	<b>3g Key</b>	CS	Feed and Forage, should be produced; stored, handled; transported and fed in a manner that keeps it clean, uncontaminated free from hazards and in good physical condition. <ul style="list-style-type: none"> <li>Contained and protected from access by insects; birds; rodents &amp; other mammals eg cats;</li> <li>Identifiable with different feeds stored separately from each other feed to minimise the risk of cross contamination.</li> <li>It is important that any medicated feed is kept separate and clearly labelled.</li> </ul>	Contamination from pests and vermin or other sources (e.g. weather) must be avoided with access being denied. Feed needs to be clearly labelled to avoid error.  Refer to the Industry Code of Practice for On Farm Feeding. <a href="http://www.redtractor.org.uk">www.redtractor.org.uk</a>

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			Requirement	Guidance
<b>4. Access by Livestock to Potentially Toxic Products:</b> <i>To protect Livestock, and hence the food we eat, from a build up of potentially harmful toxins.</i>				
Storage of Paints, Preservatives and Chemicals	4a	CS	Paints, preservatives, disinfectants and other chemical compounds must be stored away from animals and feedstuffs.	
Storage of Treated Seeds	4b	CS	Treated seeds should be stored safely and away from animals and feedstuffs	
<b>5. Use and Storage of Manures and Slurries:</b> <i>To protect Livestock, and hence the food we eat, from infection by potentially harmful pathogens.</i>				
Application to Grazing land	<b>5a Key</b>	CS	Livestock must not be permitted to graze land on which manure or slurry has been applied until an appropriate period has passed. There must be sufficient new growth to enable uncontaminated grazing.	See 8e and Appendix 7.
Manure Storage Sites	5b	CS	A risk assessment must be carried out before storing manures on sites that are accessible to Livestock. This is especially relevant if poultry manures are stored on the farm.	Field stores should be fenced from grazing animals. It is especially important to deny young stock access to field manure stores.
Sewage Sludge	5c	CS	Sewage sludge may only be applied to farmland if applied as per the Sludge Use in Agriculture Regulations 1990 and all aspects of the Code of Practice for the Agricultural Use of Sewage Sludge are complied with.	Refer to the Safe sludge matrix: <a href="http://adlib.everysite.co.uk/resources/000/094/727/SSMatrix.pdf">http://adlib.everysite.co.uk/resources/000/094/727/SSMatrix.pdf</a>
Abattoir Waste	<b>5d Key</b>	CS	It is prohibited to apply abattoir waste to land other than where Natural Resources Wales (NRW) and the Animal & Plant Health Agency (APHA) have agreed that it is safe to do so.	
<b>6. Livestock Cleanliness for Slaughter.</b> <i>To enable a clean and hygienic slaughter without risk of contamination of meat from soiled coats.</i>				
Out Wintered Stock	6a	CS	Livestock that are kept outdoors must be given access to a clean, dry and sheltered lying area at all times. They must be presented for slaughter in a clean condition.	Dirty animals may not be accepted for slaughter.
Indoor Finishing	6b	CS	Livestock that are finished indoors must have access to a clean, dry lying area at all times. They must be presented for slaughter in a clean condition.	Dirty animals may not be accepted for slaughter.

## Section 2: Animal Health and Welfare

			Requirement	Guidance
<b>7. Stockmanship;</b> <i>To ensure that all stockmen are competent, aware of their obligations and care for Livestock under their control.</i>				
Welsh Codes of Recommendations	<b>7a Key</b>	CS	All farmed Livestock must be reared and managed in accordance with the Welsh Codes of Recommendations for the Welfare of Livestock: Cattle and/or Sheep and The Welfare of Farmed Animals (Wales) Regulation 2007	All farm personnel with responsibilities for Livestock must be aware of their obligations.
Condition of Livestock	<b>7b Key</b>	CS	Livestock must be: <ul style="list-style-type: none"> <li>• healthy and protected from pain, fear, disease and injury.</li> <li>• Well-fed and watered, free from hunger and thirst with a diet that maintains health and vigour.</li> <li>• showing appropriate body condition.</li> <li>• comfortable and protected from extreme weather.</li> <li>• content in their environment and free from discomfort</li> <li>• able to behave in a natural manner</li> </ul>	A primary requirement of the FAWL scheme is that we can demonstrate proper care of farmed animals to give consumers confidence in how members produce food.

# FAWL Scheme Standard

			Requirement	Guidance
Competence of Stockmen	<b>7c Key</b>	CS	All farm personnel with responsibilities for Livestock and for farming operations (including any contractor employed) must be competent in all the tasks they are required and permitted to undertake and must have all the relevant training and statutory qualifications. Refresher training must be implemented as required	New or inexperienced personnel must always be supervised or trained by a competent operator.
Training Records	7d	CS	Details of all qualifications and training undertaken by farm personnel must be recorded. This record must include all on-farm training undertaken.	Example of a training record can be found in FSMR Section (2)
Regular Checks of Livestock	<b>7e Key</b>	CS	All Livestock must be inspected by a competent stockperson at regular intervals that are appropriate and in accordance with the Welfare Codes	In general, a daily inspection when animals are outside and twice daily when indoors.
Prescribing Medicines	7f	CS	If prescription medicines are or have recently been used, the prescribing vet/practice should have visited within the last twelve months	If prescription medicines are or have recently been used, the prescribing vet/practice must have visited within the last twelve months
Electric Goads	7g	CS	The use of electric goads is prohibited	
<b>8. Health &amp; Welfare Practice</b> <i>To minimise the impact of disease, improve efficiency and sustain a positive image of Welsh Livestock production.</i>				
Veterinary Support	<b>8a Key</b>	CS	The herd or flock must be under the routine care of a named veterinary surgeon or practice.	
Health & Welfare Plan including Biosecurity Procedures	<b>8b Key</b>	CS	A comprehensive health & welfare plan must be drawn up for all cattle & sheep enterprises. The plan will need to include a note of routine procedures such as parasite control & vaccination policy; results of any relevant testing (e.g. post-mortem, Livestock feed analysis, faecal egg count etc) a note of regularly occurring problems and targets for the following year. It will also need to detail the farm's biosecurity procedures (including quarantine controls) to manage biosecurity risks from incoming stock from whatever source	See FAWL Scheme Management Record (FSMR) Section (7) for pro forma health plan document. <b>A comprehensive plan may be drawn up on-line by using the WLBP website health plan tool. <a href="http://wlbp.healthplan.co.uk">http://wlbp.healthplan.co.uk</a></b>
Annual Livestock Health & Welfare Review	8c	CS	An annual Livestock health & welfare review must be undertaken with the farm vet. The vet will be expected to review: (1) regularly occurring problems and key issues, making recommendations to improve identified issues (2) medicine records and data, including anthelmintic use, flukicide use, total antibiotic prescribed & utilised making recommendations for responsible reduction of medicine used, where appropriate (3) the use of antibiotics, including the Highest Priority Critically Important Antibiotics (HP-CIAs) (if any), estimating average use as mg/kg (as per industry standard parameters) using WLBP's Farm Records website to calculate and record the outcome. (4) prophylactic treatment and make recommendations for alternative disease prevention strategies (5) biosecurity Farms must receive one annual veterinary inspection	To maintain the integrity of the claim that Wales produces quality stock to good health & welfare standards. To demonstrate acceptance of the need to minimise the use of animal medicines, in particular the use of antibiotics, <b>especially due to the potential threat to human health and the loss of some of these important medicines for on-farm use.</b> To develop and demonstrate an awareness of the importance of protecting the health status of the farm

**FAWL Scheme Standard**

			Requirement	Guidance
Storage of Manures and Wastes	8d	CS	A risk assessment must be carried out before allowing Livestock access to areas where there are stored manures or off-farm wastes. This is especially relevant for poultry manures stored on the farm.	Field stores should be fenced from grazing animals. It is especially important to deny young stock access to field manure stores.
Use of Manures	8e <b>Key</b>	CS	Livestock must not be permitted to graze land on which manure or slurry has been applied until an appropriate period of at least 4 weeks has passed. There must be sufficient new growth to enable uncontaminated grazing. Following an application of poultry manure to grazing land, Livestock must be excluded for at least a month or six months for young stock. Spreading equipment, including that used by contractors must be cleansed before leaving the farm	Compost FYM before spreading for at least one month or 6 months if FYM is brought in. Ref: - ADAS Managing Livestock Manures. Booklet 2
Brought in Replacements and Stores	8f	CS	Care must be taken when bringing in replacement breeding stock and store animals to ensure they are healthy and unlikely to be carriers of disease. All Livestock brought in from a non-farm assured source must undergo the minimum retention period before being sold as farm assured (FAWL) stock. <ul style="list-style-type: none"> <li>• Sheep – 60 days</li> <li>• Cattle – 90 days</li> </ul>	Buy only from farm assured producers. Check the medical history with the vendor before considering subsequent treatments. All animals brought in to the farm from outside should be quarantined for an appropriate period before introducing them to other animals on the farm. Include the policy on the introduction of bought-in stock in your biosecurity plan. See FSMR Section (7)
Tack Animals	8g	CS	Care must be taken when accepting tack animals from another farm onto a holding or when a farm's animals are returning home from tack to ensure they are healthy and do not come into contact with resident Livestock of the same species.	A record should be kept of all tack animals brought onto or moved off the farm. Quarantine tack animals for an appropriate period before introducing them to other animals on the farm. Include the policy on the introduction of tack animals in your biosecurity plan
Bull Hire or Purchase	8h	C	Care must be taken when hiring or buying a bull to ensure he is healthy and not carrying a disease that might be transmitted to the resident herd.	Possible diseases that could be introduced are TB, IBR and Leptospirosis. Include the policy on the introduction of bulls into your herd in your biosecurity plan
Ram Purchase or Loan	8i	S	Care must be taken when buying rams or taking on loan to ensure they are healthy and not carrying a disease or ectoparasites such as sheep scab that could be transmitted to the resident flock.	Include the policy on the introduction of rams into your herd in your biosecurity plan.
Isolation Facility	8j	CS	Appropriate provision must be made available for any animal that might require isolation or segregation from other animals due to illness or injury.	A pen should preferably have a separate airspace, but, in any case should not allow physical contact with fit animals.
Fallen Stock Management	8k	CS	Fallen stock must be disposed of safely and in accordance with current legislation. Carcasses need to be removed promptly and kept out of view until disposed of. They must be stored in a manner that minimises the threat to biosecurity. Records of deaths and disposals must be kept.	The Animal By-products Legislation provides the statutory requirement.
Cleanliness & Disinfection (1)	8l	CS	Livestock housing and management equipment must be maintained in a clean and hygienic condition	After cleaning, use approved disinfectant or lime.

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			Requirement	Guidance
*Cleanliness & Disinfection (2)	8m	CS	Feed stores, feeding areas & feeding equipment should be designed; located & constructed to minimise feed contamination. Feed stores & feeding areas should have adequate lighting for inspection; feeding equipment must be appropriate for use and serviced/ calibrated in accordance with manufacturer's recommendations as required..	
Vehicle Cleanliness	8n <b>Key</b>	CS	Vehicles used to transport animals must be cleaned and disinfected regularly and in accordance with the current legislation.	The Transport of Animals (Cleansing and Disinfection) order 2003
Visitor Hygiene	8o	CS	Disinfection facilities must be available on farm for all visitors and their vehicles that will have access to the Livestock areas.	A footbath or wheel bath in a suitable position at the entrance to the Livestock area.
*Pest/Vermin Control Systems	<b>8p Key</b>	CS	There must be a pest and vermin control system that is effective in minimising pest and vermin activity eg rodents; birds & insects & the contamination of livestock housing; feeds and feeding areas by pests & vermin Use of non-chemical control methods and environmental management measures should be considered and implemented, as appropriate, to ensure that the site provides as little available food, shelter or refuge as possible to reduce establishment of rodent infestation(s) <ul style="list-style-type: none"> <li>Livestock and feed areas should be kept clear of debris to reduce the opportunity for rodents to hide, find shelter or refuge and minimize the risk of infestation.</li> <li>Vermin entry points (e.g. gutters, eaves, doors, etc.) are reduced</li> <li>If used bait must be stored; used; &amp; disposed of responsibly &amp; in accordance with manufacturer's instructions</li> </ul>	See Campaign of Responsible Rodenticide Use (CRRU) document  "UK Code of Best Practice - Best Practice and Guidance for Rodent Control and the Safe Use of Rodenticides"
Dog and Cat Worming	8u	CS	All farm dogs and cats must be wormed routinely according to veterinary advice and the treatment recorded.	The animal medicine book should be used to record treatment. The WLBP FAWL Medicine Record Book is available on request or online
<b><i>The following three standards are recommendations only:</i></b>				
Proximity of Neighbouring Livestock	8w	CS	There should be an awareness of the health status of Livestock on all neighbouring farms	Move Livestock away from boundaries where there is a perceived problem. Double fence if persistent problem.
Unexplained Deaths and Abortions	8x	CS	Unexplained deaths or abortions should be diagnosed by a vet and appropriate action taken.	This can avoid further losses if no action is taken.
Trough Feeding of Cattle	8y	C	The design and use of feed troughs for cattle should be such that it minimises the risk of badgers having access.	Feed troughs on 80cm legs are recommended. Feed blocks should also be placed out of reach of badgers.
<b>9. Housing and Handling</b> <i>To provide a clean, comfortable and stress free environment for all housed Livestock.</i>				

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			<b>Requirement</b>	<b>Guidance</b>
Livestock Housing	9a Key	CS	Livestock housing must be well constructed and maintained in a good state of repair.	Housing should be checked regularly to ensure there are no sharp objects or edges, broken flooring or inspection covers. Ref: -Welsh Codes of Recommendations for the Welfare of Livestock
Loose Housing	9b	CS	All loose housed Livestock must have sufficient space to allow freedom of movement and to display normal behaviour patterns.	See Appendix 1 for appropriate stocking densities. If animals are over-stocked, there is a risk of incurring high stress levels in housed Livestock with all its associated problems.
Slatted Yards	9c	C	Cows in late pregnancy or lactating cattle must have access to a dry non slatted area. Young animals must have access to a non-slatted area.	Comfort provision for the more susceptible Livestock groups.
Livestock bedding	9d Key	CS	All loose housed Livestock must be provided with a sufficient dry lying area with suitable bedding material supplied where appropriate that is not toxic, will not injure stock and is able to keep stock clean and dry.	Risk of dirty animals with high stress levels. Risk of ruminants contracting disease/illness from the use of inappropriate bedding. Risk to the safety of the food supply chain from contaminated meat in abattoirs. Poor public perception of dirty animals.
Bull Housing	9e	C	Where separate housing for stock bulls is provided, it must be suitable for its purpose and be situated so that it allows regular social contact with other bovines.	Cattle are herd animals and can become distressed if kept permanently isolated.
Tethered Livestock	9f	C	All year-round tethering is not permitted. Untethered exercise must be provided daily for routinely tethered cattle. Routinely tethered cattle are untethered prior to calving (note: cattle may be tethered during calving where intervention is necessary) Tethers must not cause pain and allow Livestock to be given sufficient space to lie down, rise without difficulty, stand in a natural position, stretch and groom without hindrance. Halters/collars/head chains must not be allowed to tighten and must be made of nonabrasive materials	The Welfare of Farmed Animals (Wales) Regulations 2007 set out the general conditions under which farmed animals must be kept. <a href="#">The Welfare of Farmed Animals (Wales) Regulations 2007</a>
Cubicle Housing	9g	C	Cubicles must be of the right design for the size and breed of cattle, they must be in good repair and there must be sufficient cubicle numbers for all the cattle to lie down at once.	Mats or bedding material should be provided to prevent sores or swollen hocks occurring.
Calf Housing	9h	CS	Special provision must be made for the housing of young calves. Individual pens must allow visual contact with others and must not be used after the age of eight weeks.	The environment should be clean, comfortable and allow natural behaviour. Muzzling and tethering of young calves is not permitted.
Water Supply	9i Key	CS	Water tanks must be well positioned, maintained in good working order and filled with clean water. All Livestock must have a good supply of fresh water available at all times. Private water supplies (such as bore holes) should have an alternative supply available in case of emergency.	Tanks should be cleaned out regularly. Stock access to streams must be avoided where possible and then only using stock access points as per the Code of Good Agricultural Practice (CoGAP)
Lighting	9j	CS	Livestock must not be housed in dim or dark conditions during daylight hours. Adequate lighting must be available for night-time inspection.	Torch or headlight beams for night time inspection are acceptable for outlying buildings without mains electricity.
Electrical Installations	9k	CS	All mains electrical installations and temporary extension leads must be inaccessible to Livestock, protected and properly earthed.	To avoid the risk of death to Livestock through chewing of live cables.

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			Requirement	Guidance
Ventilation	9l	CS	Livestock buildings must have adequate ventilation to prevent build-up of humidity and condensation and to avoid draughts at floor level.	Minimise the risk of disease, especially respiratory problems
Social Grouping	9m	C	Housed cattle must be kept in appropriate groups so that there is no bullying or fighting.	Horned cattle should be kept separate if aggressive.
Cattle Handling Facilities	<b>9n Key</b>	C	Cattle handling facilities must be available that are commensurate with the scale and type of production unit. Gates, races and crushes must be well maintained and capable of providing restraint to individual cattle with minimum stress and risk of injury to animals and staff.	A well-designed system will make routine handling of cattle a more acceptable operation for all concerned.
Sheep Handling Facilities	<b>9o Key</b>	S	Sheep handling facilities must be available, either on a permanent site or mobile, that are in good repair and fit for their purpose.	A well-designed system will make routine handling of sheep more efficient and stress free.
Treatment of Animals	<b>9p Key</b>	CS	Those persons responsible for keeping Livestock must demonstrate an acceptable level of empathy and consideration for their care and welfare	No farmed animals should be allowed to suffer unnecessarily from pain or stress.
Housing of Farm Dogs	9q		Farm dogs must be housed in a clean and comfortable environment. If chained or confined, they must be exercised daily.	A basic animal welfare consideration.
<b>10. Feeding</b> <i>To ensure an appropriate and well balanced diet that meets the animal's natural needs.</i>				
Animal Nutrition	<b>10a Key</b>	CS	The daily diet of all classes of Livestock must be adequate to achieve appropriate body condition and high health status.	To avoid poor performance and high stress levels from undernourished or over-fat animals.
Feeding in Pregnancy	<b>10c Key</b>	CS	During the later stages of pregnancy and after giving birth, cows and ewes must be fed and managed appropriately.	To avoid problems of twin lamb disease, milk fever, dystocia and other nutrition related problems.
Newborn Calves & Lambs	<b>10d Key</b>	CS	New-born calves and lambs must receive an adequate intake of colostrum within 6 hours and 1 hour of birth respectively, whether from their dam or another source.	Risk of joint ill, watery mouth or other infection resulting from poor resistance due to low antibody intake.
<b>11. Medicines and Treatments</b> <i>To ensure correct and best possible treatments are provided for all farmed Livestock.</i>				
Sick or Injured Animals	<b>11a Key</b>	CS	Animals suffering ill health or injury must receive immediate attention. A veterinary surgeon must be called if necessary.	Early diagnosis and treatment can prevent both unnecessary suffering and spread of infectious disease.
Euthanasia Policy	<b>11b Key</b>	CS	Animals, that are so incapacitated through disease or injury that treatment is not possible, must be treated compassionately and if necessary, humanely slaughtered on farm	It would be normal for a veterinary surgeon to be involved in such cases. A basic animal welfare issue.
Appropriate Treatments	<b>11c Key</b>	CS	Medicines and veterinary treatments must be used or carried out only when necessary, for treatment or preventative purposes.	Antibiotic and wormer resistance can develop through inappropriate and unnecessary treatments.
Purchase Record	<b>11d Key</b>	CS	A complete purchase record must be kept for all veterinary medicines bought including (a) Name of medicine (b) Date purchased (c) Quantity purchased (d) Details of supplier (e) Batch Number	A WLBP Medicine Book is available on request or on-line
Treatment Record	<b>11e Key</b>	CS	A complete treatment record must be kept for all veterinary medicines administered to Livestock including (a) Name of medicine (b) Date administered (c) Identity of animal group treated (d) Number treated (e) Total quantity of medicine administered (f) Date treatment finished (g) Date withdrawal period ended (h) Name of person who administered the medicine. (i) Reason for treatment	A WLBP Medicine Book is available on request or on-line

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			<b>Requirement</b>	<b>Guidance</b>
'Use By' Dates	11f	CS	Medicines must not be used once their 'use by' dates have expired. They must be disposed of appropriately.	The safety and efficacy of out-of-date medicines may be compromised.
Medicine Storage	11g	CS	Medicines (including medicated feeds) must be stored according to manufacturers' instructions and in a secure place.	Medicine storage facilities are expected to be locked to prevent unauthorised or accidental access
Storage & Disposal of used Medicinal Products	11h	CS	Empty medicine containers, used needles & sharp instruments must be safely disposed of in a sharps box and in accordance with the manufacturer's instruction. There needs to be a policy on the storage and disposal of sharps and pharmaceutical waste that is being implemented	See FSMR section (5)(a) for policy on the storage and disposal of used medicinal products
<b>12. Routine Management Issues</b> <i>Neglect of routine procedures can cause unnecessary stress and pain for animals.</i>				
Unplanned Mating	12a	CS	Entire male cattle and sheep must be separated from young females before they become sexually active.	Any risk of unplanned mating and pregnancies must be avoided
Difficult Calf or Lamb Brths.	12b	CS	Care must be taken when selecting a sire to minimise the likelihood of subsequent calving/lambing problems. This is especially relevant for heifers and ewe lambs/yearlings.	Issues such as breed, size, previous records and EBV for calving difficulty should be considered.
Out-Wintering - Shelter	12c	CS	Animals that are kept outdoors in winter must have access to clean lying area that is sheltered from the prevailing winds.	This provision should be appropriate to the hardiness of the breed.
Birthing Facilities	12d	CS	There must be appropriate facilities for Livestock to give birth indoors with facilities available to separate ewe/cow from the rest of the group if necessary; clean, dry bedding provided and replaced regularly; lighting to enable close inspection of Livestock; restraining facility (e.g., crush; calving gate) available for use where Livestock give birth, if necessary	To minimise the risk of birthing problems
Outdoor Calving & Lambing	12e	CS	Outdoor calving/lambing must not take place in exposed and isolated situations without appropriate protection.	This provision should be appropriate to the hardiness of the breed to minimise the risk from issues such as hypothermia.
Surgical Operation	12f	CS	Routine surgical operations to Livestock, such as castration, disbudding and tail docking, must be carried out in accordance with current legislation and the Welsh Codes of Practice for the Welfare of Cattle and Sheep.	See Appendix 2 for legal requirements for common surgical operations
Dehorning	12g	S	Dehorning must only be carried out when necessary, in accordance with the legal requirement and with the use of anaesthetic.	See Appendix 2 It is strongly recommended that calves are disbudded at the appropriate age. Unnecessary pain and suffering must be avoided.
Artificial Rearing	12h	CS	Calves and lambs that have been removed from their dams before the normal weaning age must be reared according to current legislative requirements with regard to diet, housing, penning, lighting and transportation.	See Codes of Recommendations for the Welfare of Livestock.
<b>13. Transport of Livestock</b> <i>To minimise the stress and opportunity for injury that is posed by transporting Livestock.</i>				
Transport Legislation	13a <b>Key</b>	CS	All animals must be transported according to current legislation and be accompanied by correct movement or delivery documentation.	Drivers must hold the correct statutory licence for the vehicle used and a certificate of competence to carry Livestock.
Contracted Hauliers	13b	S	Livestock hauliers contracted by the producer must be approved participants in the ABM Livestock Transport Scheme or an approved equivalent. Hauliers' membership numbers must be known	To maintain the integrity of an assured supply chain

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			<b>Requirement</b>	<b>Guidance</b>
Loading Livestock	13c	CS	The loading of Livestock must be done calmly, in a way that minimises stress and risk of injury to both animals and operators. The loading facility must be safe and appropriate. It must have adequate lighting, be structurally sound and equipment free from injury risk such as sharp edges. The use of tailgating to overcome site access issues and minimise journey lengths is only permitted if it occurs within the loading site's boundary with suitable facilities (as defined by legislation)	A well-planned loading facility will make loading of Livestock a more acceptable operation for all concerned.
Vehicle Bedding	13d	CS	The floor of the vehicle must be covered in a suitable bedding material where necessary.	See Appendix 3
Farm Vehicles	<b>13e Key</b>	CS	Farm vehicles used for transporting Livestock must be suitable for the species being carried, constructed in accordance with current legislation and maintained in good, serviceable condition. For journeys over 50km, the steepness of internal and external ramps must be such that welfare is not compromised. On level ground, the length of loading ramps for cattle and sheep must be 2.2 times as long as the height of the vehicle floor off the ground, or 3 times in the case of calves.	A suitable vehicle must have adequate headroom, non-slip floors, no projections, adequate ventilation and the ability to inspect animals from the outside.
Stocking Density	13f	CS	Animals must be transported in a vehicle at the correct stocking density. Partitions must be provided where animals of different social groups are to be transported or where fewer animals need to be compressed to protect them from sudden vehicle movements.	Current legislation provides for vehicle stocking requirements – see Appendix 4
Casualty Animals	<b>13g Key</b>	CS	Livestock must be able to bear their weight on all four legs and walk onto the vehicle unaided. Animals that are unfit for transport due to disease, injury or close to calving or lambing must not be carried. If injured during transport they must be delivered to the closest suitable place for unloading or slaughter.	If in doubt, veterinary advice must be sought before transporting animals that are unwell. For further details of animals not to be transported see Appendix 4
Farm Vehicles	<b>13e Key</b>	CS	Farm vehicles used for transporting Livestock must be suitable for the species being carried, constructed in accordance with current legislation and maintained in good, serviceable condition. For journeys over 50km, the steepness of internal and external ramps must be such that welfare is not compromised. On level ground, the length of loading ramps for cattle and sheep must be 2.2 times as long as the height of the vehicle floor off the ground, or 3 times in the case of calves.	A suitable vehicle must have adequate headroom, non-slip floors, no projections, adequate ventilation and the ability to inspect animals from the outside.

**Section 3: Protection of the Environment.**

			<b>Requirement</b>	<b>Guidance</b>
Farm Environment	<b>14a Key</b>		The farm's environment, its water, soil or air must not be impaired or polluted by the farm's management or its farming practices.	All FAWL members must ensure that a farm's environment is not polluted. Care must be taken of natural habitat areas; there must be an awareness of the efficiencies of the farm output with regard to carbon emissions.
General Appearance	<b>14b Key</b>		The farm environs must be maintained to a reasonable standard of tidiness and cleanliness.	Redundant machinery, scrap or other hazardous materials must be stored away from Livestock or areas of public access

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			Requirement	Guidance
Codes of Good Agricultural Practice.	<b>14c Key</b>		FAWL members must comply with the current Codes of Good Agricultural Practice for the Protection of Water, Soil and Air as published by the Welsh Government.	For a copy of the CoGAP, follow: <a href="https://gov.wales/sites/default/files/publications/2018-02/code-of-good-agricultural-practice-introduction.pdf">https://gov.wales/sites/default/files/publications/2018-02/code-of-good-agricultural-practice-introduction.pdf</a>
Government Regulations	<b>14d Key</b>		FAWL members must comply with any regulations that apply to the control of agricultural pollution in Wales, as and when they take legal effect	It's a general requirement of the FAWL scheme that members comply with all relevant legislation
Competence of Personnel	<b>14e Key</b>		All farm staff and contractors must be aware of the potential for pollution and have a good understanding of all the relevant management plans and all appropriate, current regulatory requirements.	All farm personnel must receive adequate training before they undertake any task on the farm. This includes contractors working on the farm. Records of all training must be maintained including the date of the training event, a description of training activity and the names of the trainee and trainer.
<b>15. Management Plans or Policies</b>				
Soil Management Planning	15a Key	WS	FAWL members must demonstrate an awareness of the potential sources of soil loss caused by compaction, erosion or excessive Livestock poaching and be able to explain a policy of how they would implement mitigation measures to minimise that risk.	For further information, please refer to the CoGAP
Farm Manure & Slurry	15b Key	WSA	FAWL members must minimise the risk of pollution from manure, slurry, other organic matter or pathogens.	Agricultural pollution incidence can reflect poorly on farming and affect consumer perception of the industry
Manure Management	15c	WSA	All farms must have and implement a Manure Management Plan that minimises the risk of pollution.	A colour coded farm map is recommended. Refer to FAWL Scheme Management Record Book (FSMR) section (8) or online at <a href="https://farmrecords.wlbp.co.uk/WLBP/Default.aspx">https://farmrecords.wlbp.co.uk/WLBP/Default.aspx</a>
Nutrient Management Planning	15d	WS	FAWL members must demonstrate an awareness of the conditions and limitations for the application of all nutrient sources and lime. All fertiliser and manure applications to land should be made in accordance with a Nutrient Management Plan that aims to minimise the over-use and loss of nutrients applied to land as fertiliser and the risk of pollution.	Refer to FSMR Farmers need to minimise the risk of nitrate leaching; prevent phosphorous accumulation in soil and the loss of nitrous oxide to the atmosphere
Crop Protection	15e	WSA	Where Plant Protection Products (PPP) are used, a crop protection plan must be documented. A record must be kept of all applications of PPP to crops and grassland.	PPP include pesticides, insecticides, fungicides, herbicides and molluscicides (e.g., Slug pellets). See FSMR section (9)
Accident and Emergency	15f	WSA	A documented risk assessment and action plan must be prepared and made available to all farm staff. This must include all relevant phone numbers in case of emergency.	Refer to FSMR Section (1). A documented plan can support a speedy and correct response. In the event of an accident or potential pollution incident and help to contain the situation.
Inorganic Waste Disposal	15g		There must be a documented policy for disposal of non-bio-degradable waste.	See FSMR Section (10)
<b>16. Storage Facilities</b>				
General Storage Facilities	<b>16a Key</b>		All slurry, manure, silage, silage effluent, artificial fertiliser or any other potential pollutants must be stored safely and securely in robust facilities that minimise the risk of polluting the environment.	To minimise the risk of environmental pollution

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			<b>Requirement</b>	<b>Guidance</b>
Slurry, Dirty Water, Silage Effluent	<b>16b Key</b>	WSA	All liquid organic farm materials (including slurry) must be contained in purpose built impermeable stores of required legal capacity and durability. Such stores should be sited to meet the requirement of relevant regulation unless Natural Resources Wales or predecessor bodies have agreed otherwise, in writing.	The base of a slurry tank system must be impermeable while the base, walls or pipes should not be protected against corrosion. The slurry storage system needs to be capable of withstanding the stress from loads that it may be put under.
Silage Storage	<b>16c Key</b>	WSA	Silage made or stored should be kept in a facility that meets current legal requirement and can prevent pollution from silage effluent. Silage wrapped and sealed in impermeable membrane should be stored at least 10 metres from any inland freshwaters or coastal waters. A silage bale should not be opened or wrapping removed within 10 metres of any inland freshwaters or coastal waters.	Silage needs to be stored in durable, safe and well-maintained facilities. Silos need to be built according to construction standards
Solid Manures	16d	WSA	Permanent manure stores must have an impermeable base and a means to collect or contain run off. All stores must be sited at least 10 metres from any ditch, land drain or stream.	Solid manure (or any bedding containing organic manure) must be stored in a vessel; in a covered building; on an impermeable surface. N.B. Any liquid arising from organic manure is classed as slurry and must be contained appropriately.
Temporary Feld Heaps	16e	WSA	Manure stored outside in a field should not be in a field liable to flooding, becoming waterlogged, or close to surface water, land drain borehole, spring or well. It should not be located in any single position for more than 12 consecutive months or located in the same place as an earlier one used in the last two years.	In locating temporary heaps, FAWL members should consider that such heaps should not be within 50 metres of a borehole or 10 metres of surface water, well, spring or drain
Fuel Oil	16f	W	Fuel oil must be stored safely and securely in robust facilities that meet current legal requirement and minimise the risk of polluting the environment. Oil storage tanks, with capacity exceeding 200 litres, or the area surrounding them must have a leak proof bund capable of containing 10% more than the combined tank storage capacity and all hoses must be kept locked within the bunded area when not in use. Emergency facilities must be available to deal with accidental spillages such as a bucket of sand or absorbent granules or ideally an adequate bund. Oil to include waste oil, or oil stored in mobile bowsters. Oil within the fuel tanks of roadworthy vehicles is exempt.	Natural Resources Wales should be informed immediately of any fuel spillage. Bunds should have no drain holes. Double-skinned tanks are not compliant with the Oil Storage (Wales) Regulations 2016 without an additional bund
Plant Protection Products (PPP), chemicals, dips	<b>16g Key</b>	W	The storage of PPP and chemicals must comply with 'The Code of Practice for using Plant Protection Products' and Groundwater Protection Codes – Sheep dip. The store should be locked, bunded and clearly identified on the outside.	PPP include pesticides, insecticides, fungicides, herbicides and molluscicides (e.g. slug pellets)
Artificial Fertilisers	<b>16h Key</b>	W	Artificial fertilisers must be stored in a responsible manner and kept in a secure environment with regular stock take undertaken. The store must be at least 10 metres from any watercourse or drain. Completion of the self-assessment check list in the FSMR (Section 11) is recommended	See Appendix 5 and FSMR Section (11)
<b>17. Application to Land</b> <i>To minimise the risk of environmental pollution through excessive, untimely or wrongly targeted field inputs – see also Appendix 7</i>				

**FAWL Scheme Standard**

			<b>Requirement</b>	<b>Guidance</b>
Slurry, Dirty Water, Silage Effluent	<b>17a Key</b>	WSA	These must be applied to land in accordance with current legal requirement and COGAP to minimise the risk of water pollution, unacceptable odours, soil compaction or other environmental damage.	Slurry should only be applied when the crop or grass is actively growing or ploughed in within 24 hours to support a subsequent crop to minimise nutrient loss. Slurry injection also helps if odours are likely to pose a problem.
Solid manures	<b>17b Key</b>	WSA	Solid organic manures must be applied to land in accordance with COGAP or regulation that minimises the risk of water pollution, unacceptable odours or compaction to soil. Application must be made within limits imposed by regulation.	Solid manure should be composted for an appropriate period before application to land to avoid ammonium losses and to reduce odour emissions.
Competent Operators	<b>17c Key</b>	WA	PPP application must be undertaken by competent operators. Competence is demonstrated by holding relevant NPTC certificates. All those applying PPP to land must be licensed to do so or be under the supervision of a licensed operator. Applications must be made in accordance with the manufacturer's recommendations and the farm's crop protection policy. Application records must be kept.	<b>Grandfather Rights are no longer permitted to apply PPPs.</b> It is a legal requirement that operators hold a certificate of competence. Relevant NPTC certificates of competence are City & Guilds 'Level 2 Safe Use of Pesticide replacing Grandfather Rights' or 'Pesticide Application (PA) certificate'.
Nitrogen Fertilisers	<b>17d Key</b>	WSA	Before applying any nitrogen fertiliser (from whatever source) a field inspection should be undertaken to assess the risk of polluting surface water, paying particular attention to the prevailing weather conditions. Fertiliser and lime applications must be made at an appropriate time of year taking into account limitations imposed by regulation. All applications should be in accordance with the farm's nutrient management plan. Application records must be kept.	Nitrogen fertiliser applications to grassland should not be made when the soil is waterlogged, frozen hard, snow covered, or heavy rain forecast to fall within the next 48 hours unless there is a specific crop requirement
Artificial Fertilisers & Surface Water	17e	W	When spreading manufactured nitrogen fertiliser, care should be taken to ensure that it is not spread closer than 2 metres to surface water	Manufactured nitrogen fertiliser is defined as any nitrogen fertiliser (other than organic manure) manufactured by an industrial process.
Organic Manure, Effluent & Proximity to Water	17f	WS	Organic manure and effluent should not be spread within 10 metres of surface water unless using precision spreading equipment (trailing shoe, dribble bar or injector system) in which case no person may spread organic manure within 6 metres of surface water. <b>No spreading within 50 metres of a borehole, spring or well.</b>	Precision spreading machinery is defined as machinery designed to place the organic manure rather than spread over an area e.g., trailing shoe, dribble bar or injector system
Organic Materials	17g	WSA	Organic materials such as digestate or sewage sludge may be applied to land for agricultural benefit if the appropriate legislation and other agreements (e.g., PAS 100; PAS 110; Biosolids Assurance Scheme [BAS]) and sector quality protocols are complied with.	ee 5c. Refer also to Safe Sludge Matrix – Appendix 7
Plant Protection Products (PPP)	<b>17h Key</b>	WSA	All PPP must be applied in a manner that minimises the risk of contamination or pollution. Areas of high pollution risk need to be identified on a farm map and PPP is not applied to these areas	Refer to the Code of Practice for Plant Protection Products
PPP Application Records	17i		Records must be kept of all PPP applications for a minimum of three years	Section 9 of FSMR

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			<b>Requirement</b>	<b>Guidance</b>
PPP Application Equipment including Crop Sprayers	17j	WSA	Knapsacks, hand-held or pedestrian sprayers need to be checked regularly to ensure accurate and efficient application of pesticide: records of inspection need to be maintained. Boom sprayers 3 metres and under must be tested before the machine is 5 years old and then retested every 6 years. Boom sprayers over 3 metres must be tested before they are 5 years old; over 5 years old, they need to have been tested within the last 3 years and then re-tested every 3 years.	Sprayers must be properly maintained, and records of maintenance & calibration kept for at least three years – See Self-Assessment Checklist in FSMR Section (12)
<b>18. Waste Disposal</b> <i>To prevent the build up of unwanted waste materials that might become hazardous to the farm environment.</i>				
Hazardous Waste	18a Key	WSA	All hazardous waste must be stored and disposed of in accordance with The Environmental Permitting (England and Wales) Regulations 2010 including using a Consignment Note notified to NRW. Sites producing or storing over 500kg of hazardous waste/annum must be registered with NRW <b>every year</b> .	Examples of farm wastes that are classified as hazardous include waste oil, asbestos, lead acid batteries and agro chemicals containing dangerous substances.
Plant Protection Products (PPP) and Sheep Dip	18b Key	WS	Unused diluted PPP and dips may be applied to land only with the correct environmental permit/groundwater authorisation from Natural Resources Wales or predecessor body.	
Plastic Waste	18c		Plastic wastes eg silage wrap may only be disposed of via a waste operator who holds the relevant Environment Permitting Regulations permit.	Consult the Agricultural Waste Plastics Collection and Recovery Programme.
Animal Carcasses	<b>18d Key</b>	WSA	Animal carcasses must be disposed of as soon as possible through a licensed operator, incinerator or rendering plant. Records of deaths and disposals must be kept.	
<b>19. Sheep Dipping Treatment</b> <i>To protect water from pollution – See also Appendix 6</i>				
Dipping Bath	19a	WSA	The bath must be sited at least 10metres from a ditch or watercourse, not have a drain hole and the facility have a means to collect sheep drain-off. The bath must be covered when not in use. Dipping site must comply with guidance in Groundwater Protection Code for sheep dip	Appendix 6 The drain off area should be of sufficient capacity to allow sheep to remain there for 10 minutes.
Shower/ Jetter	19b	WSA	A shower or jetter may be used in a field situation providing there is a good depth of freely drained soil, there is little slope and no drains or ditches within ten metres. These must not be used in or around farm yards, unless provision is made to contain and collect all spillages and drainage off sheep. Showers/ jettors may only be used with products that are licensed to be used by showers/ jettors	It is important to choose the site carefully. Please note that there are no products currently licensed to treat sheep scab using showers/jettors
Draining off Pen	19c	WSA	Sheep should be allowed to drain off for at least ten minutes before being released from the pen.	
Timing of Dipping	19d	W	Sheep should not be dipped if rain is likely within 24 hours.	To minimise the threat of water pollution
Access to Surface Water	19e	W	Sheep should not be allowed access to surface water for two weeks after dipping or showering.	
Experience & Qualification	<b>19f Key</b>		The person(s) involved in sheep dipping on-farm must be competent in the safe use and disposal of sheep dip and the responsible person must have an NPTC test certificate. A permit to dispose of sheep dip on land must be held.	Regulatory requirement

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### Section 4 – Complaints Policy

The FAWL Scheme is accredited by the United Kingdom Accreditation Service (UKAS) to ISO 17065. It's a requirement of that accreditation that any complaint made to a FAWL member about compliance with the scheme's standard must be recorded by that member.

			Requirement	Guidance
Complaints	20a		All complaints that are directed at the farm business that have an implication for compliance with the FAWL scheme must be recorded. There must also be a record of how the issue was resolved and any contingency procedures that are put in place to prevent a recurrence.	A complaints record pro-forma can be found in the FAWL Scheme Management Record (FSMR) Section (3)

Appendix 1: Livestock Housing - Space Allowances

Below are some guidelines on space allowances in Livestock housing. They are only a guide and not definitive. Producers should judge appropriate space allowances by assessing their own stock and housing.

CATTLE

Space Allowances for Loose-Housed Cattle (Excluding Bulls)				
	Live-Weight (kg)	Space Allowance at square metres per head		
		Solid Floors		Fully Slatted floors
		Bedded	Total (incl. feeding/loafing etc)	
Dairy Cows	400-499	5.50	8.0	Not Applicable: Non-slatted area must be provided
	500-599	6.0	8.5	
	600-699	6.5	9.0	
	700-799	7.0	10.0	
	800+	8.0	11.0	
Suckler Cows	400	3.50	4.90	
	500	4.25	5.85	
Calves	50-84		1.5	
	85-140		1.8	
	140-200		2.4	
Young Stock/ Growing/ Finishing (In-calf heifers must also have access to a non-slatted lying area)	200-299	2.00	3.0	1.1
	300-399	2.75	4.0	1.5
	400-499	3.50	4.9	1.8
	500-599	4.25	5.8	2.1
	600-699	5.00	6.8	2.3
<b>Cubicles For Beef Cattle – Recommended Minimum Dimensions:</b>				
There must be at least one cubicle per animal unless there is adjacent, adequately sized loose housing. Cubicles need to be long enough and wide enough to allow comfortable rest without injury but short enough to prevent fouling and narrow enough to prevent fouling in the bed and narrow enough to prevent turning around or lying at angles. Cubicles must accommodate the natural rising of the animal and not cause it injury as it rises.				
	Liveweight	Length	Width	
Cows	<600kg	2.40	1.15	
	>600kg	2.50	1.20	
Young Stock/ Growing/Finishing	200	1.45	0.70	
	300	1.70	0.85	
	350	2.00	1.05	
	>350	2.10	1.10	
<b>Individual Calf Pens: Recommended Minimum Dimensions</b>				
Calves kept in individual stalls, pens or hutches (except for those kept in isolation) must be allowed direct visual and tactile contact with other calves (where there are two or more calves on the farm). Calves must have sufficient space to stand up, lie down, turn around, stretch and groom.				
Calf Weight (kg)		Pen size per calf		
<60		1m x 1,5m		
60-80		1m x 1.8m		

SHEEP

All sheep housing systems must be of sufficient size to allow all Livestock to lie down simultaneously, ruminate, rise, turn around and stretch without difficulty.

Lowland Ewes (60-90 kg live weight)	1.2-1.4 m <sup>2</sup> floor space per ewe during pregnancy
Lowland ewes after lambing with lambs at foot up to six weeks of age	2.0-2.2 m <sup>2</sup> floor space per ewe and lambs
Hill Ewes (45-65 kg live weight)	1.0-1.2 m <sup>2</sup> floor space per ewe during pregnancy
Hill Ewes after lambing, with lambs at foot up to six weeks of age	1.8-2.0 m <sup>2</sup> floor space per ewe and lambs
Lambs up to 12 weeks old	0.5-0.6 m <sup>2</sup> floor space per lamb
Lambs and sheep 12 weeks to 12 months old	0.75-0.9 m <sup>2</sup> floor space per lamb/sheep
Rams	1.5-2.0 m <sup>2</sup>

**Shorn sheep** - The space allowances may be reduced by 10% for winter-shorn sheep.

**Group size** - Where possible, pregnant ewes should be kept in groups of less than 50 to allow for better individual recognition and attention at lambing time.

FEED TROUGH SPACE ALLOWANCE

Feed trough space allowances must be appropriate to the size and weight of the Livestock and to the feeding system. The following are the recommended minimum feed trough space allowance for cattle and sheep.

Trough Space for Cattle (cm per head)			Trough Space for Sheep (cm per head)		
Weight (kg)	Ration Fed	Ad lib/ Self-Feed	Weight (kg)	Ration Fed	Ad lib/ Self-Feed
200-299	40	15	Store, Finishing lamb, Hoggs	30	10-15
300-399	50	15			
400-499	55	19	Small Ewes	45	10-15
500-599	60	24	Horned Sheep	45	10-15
600-699	67	28	Medium Ewes	45	10-15
700-799	70	32	Large Ewes	50	10-15
800+	75	32			

## Appendix 2: Livestock Husbandry Procedures

## CATTLE:

Operation	Method	Animal's Age	Operator	Anaesthetic	Analgesic
Castration	Elastration/ Rubber ring	1st week of life only	Competent stock person		
	Bloodless castration e.g. burdizzo	Up to 2 months	Competent stock person		With
	When the animal is over 2 months of age or where any methods other than the above are used		Vet Only	With	With
Dehorning	Cutting/sawing horn (not to be used routinely)	Up to 5 months of age	Competent stock keeper	With	With
		Over 5 months of age	Vet Only	With	With
Disbudding	Chemical cauterisation	1 <sup>st</sup> week of life only	Competent stock person		Recommend With
	Method other than above (eg hot iron)	Up to 2 months of age	Competent stock person	With	With
Removal of Supernumerary Teats	Using clean, sharp scissors	Up to 3 months	Competent stock person	With	With
		3 months and over	Vet Only	With	With

**NB:** Routine tail docking of cattle is not permitted

## SHEEP

Operation	Method	Animal's Age	Operator	Anaesthetic	Analgesic
Castration	Elastration/ Rubber ring	1st week of life only	Competent stock person		
	Clamp/ Bloodless	Up to 3 months	Competent stock person		
	When the animal is over 3 months of age or where any methods other than the above are used		Vet Only	With	With
Tail Docking	Rubber Ring	1st week of life	Competent stock person		
	Hot iron or clamp	Over 2 months	Veterinary Surgeon	With	
	Surgical/Other	Any age	Vet Only	With	With
<b>NB: Sufficient tail to cover the vulva (females) the anus (males) must be left. Any shorter than this must only be in the case of emergency, disease or injury following consultation with a Vet, and carried out with anaesthetic</b>					
Dehorning and disbudding*	Trimming of the insensitive tip of an in-growing horn	Any age	Competent stock person		
	All other cases	Any age	Vet only	With	With

\*Under the Veterinary Surgeons Act 1966 (as amended) only a vet may dehorn or disbud a sheep, apart from the trimming of the insensitive tip of an ingrowing horn, which if left untreated could cause pain or distress

## Appendix 3: Vehicle Bedding Provisions for transport

	Non-slip flooring only	Straw	Sawdust	Perforated Floor
<b>Cattle</b>	Yes	Yes	Yes	No
<b>Calves</b>	Yes	Yes	No	No
<b>Sheep</b>	Yes	Yes	Yes	No

Appendix 4: Space Allowances During Transport

Livestock have to be transported at legally prescribed stocking densities. Outlined below are the prescribed stocking densities for the protection of animals during transport and related operations.

CATTLE

Category	Approx. weight (kg)	Space allowance (m2)
Small Calves	55	0.30-0.40
Medium-Calves	110	0.40-0.70
Heavy Calves	200	0.70-0.95
Medium-Cattle	325	0.95-1.30
Heavy Cattle	550	1.30-1.60
Very Heavy Cattle	over 700	over 1.60

These figures may vary, depending not only on the animals' weight and size, but also on their physical condition, weather conditions and the likely journey time.

SHEEP

Category	Approx. weight (kg)	Space allowance (m2)
Shorn Sheep and Lambs	under 55	0.20-0.30
	over 55	over 0.40
Unshorn Sheep	under 55	0.30-0.40
	over 55	over 0.40
Heavily Pregnant Ewes	under 55	0.40-0.50
	over 55	over 0.50

The space allowances indicated above may vary depending on the breed, size, physical condition and length of fleece of the animals as well as weather conditions and journey time. As an indication, for small lambs, an area of under 0.2 metres squared per animal may be provided.)

The following Livestock are not transported on journeys outside of the times/distances outlined below:	
Calves less than 10 days	Not transported more than 100 km unless accompanied by their dam
Calves 11-14 days	Not transported more than 8 hours unless accompanied by their dam
Lambs of less than 7 days	Not transported more than 100 km unless accompanied by their dam

The following animals are not to be transported:

- sick or injured Livestock where moving them would cause additional suffering
- shorn sheep (with less than 7mm of staple growth) during extremely cold weather
- heavily pregnant females (where more than 90% of the gestation period has passed) unless being transported for veterinary treatment
- females who have given birth during the last 7 days
- newborns with unhealed navels

**NB:** It is permitted to transport heavily pregnant females (past 90% gestation) short distances under 50km e.g. between or within farm premises, if the journey is for the purposes of improving conditions of birth.

## Appendix 5 - The Safe and Secure Storage of Artificial Mineral Fertiliser

Mineral [or Manufactured] fertiliser is a valuable product for farmers and growers but is potentially dangerous in the wrong hands. The storage and security of fertiliser in your possession is therefore of paramount importance and the purpose of this self-assessment is to help you to ensure that basic storage and security is maintained. The leaflet "Security of Fertiliser Storage on Farms" is reproduced below and you should have in place a protocol to monitor the security of fertiliser (an example is given below). It is also recommended that you complete the Checklist in the FSMR Section (11). The leaflet includes the following 10-point code:

**Keep your fertiliser secure and out of sight**

Fertilisers containing Urea, Ammonium Nitrate, and CAN have all been used by terrorists. Please keep these fertilisers securely on your farm.

- ✓ Wherever possible use a Fertiliser Industry Assurance Scheme (FIAS) approved supplier.
- ✓ Wherever possible keep in a secure area such as a building or sheeted away from public view.
- ✓ Carry out regular stock checks and report any loss to the Police immediately (call 101).
- ✓ Avoid leaving fertiliser in a field overnight – never leave fertiliser in the field for a long period of time.
- ✓ Remember it is illegal to sell ammonium nitrate without the correct documentation.

You can get more information from your supplier or from the HSE booklet "Storing and Handling Ammonium Nitrate" at

<https://www.hse.gov.uk/pubns/indg230.pdf>

If you store 25 tonnes or more of fertiliser you must notify your local fire officer and Health and Safety Executive (HSE). Under the NIHHS (Amendment) Regulations 2002 users of Ammonium Nitrate (AN) and AN based fertilisers must provide additional information to the HSE if 150 tonnes of these fertilisers are being handled or stored which contain over 15.75% Nitrogen by weight.

You must not sell fertiliser unless the purchaser is known by you to be a bona-fide user and if you re-sell ammonium nitrate fertiliser with high nitrogen content, (i.e. a nitrogen content of more than 28% of its weight); you must be in possession of a valid detonation resistance certificate for that batch.

## Appendix 6 - Guidance on the Use and Disposal of Sheep Dips

**Note:** The FAWL standard includes the use of static and mobile plunge dips and the use of shower or jetter systems

Guidance on the use and disposal of sheep dips can be found on the NRW website at:

<https://naturalresources.wales/guidance-and-advice/business-sectors/farming/how-to-safely-dispose-of-waste-sheep-dip/?lang=en>

or via The Welsh Government's Groundwater Protection Codes for Wales – Sheep Dip at:

<https://gov.wales/sites/default/files/publications/2019-06/groundwater-protection-code-sheep-dip.pdf>

## Appendix 7 - Guidance on Application of Manures, Sludge or Composts SAFE

**APPLICATIONS TO LAND**

This appendix provides guidance on making applications to land. All applications to land must be carried out in accordance with legislation. Environmental Permits or exemptions must be held where applicable. National Resources Wales has information on spreading waste on land which may be helpful.

**Note: Producers should always check with buyers to ensure that any applications of sludge, compost, digestate and other materials originating outside the farm are acceptable to customers.**

**Sewage Sludge (biosolids)**

It is recommended that sewage sludge is assured under the Biosolids Assurance Scheme

Untreated sewage sludge has not been permitted on any agricultural land since 2006.

Treated sewage sludge can only be used under strictly controlled conditions. Prior to application the soil must be tested by the sludge supplier. Applications of sewage sludge to land must be in accordance with suppliers' instructions (i.e. the way the sludge has been treated may affect where and when the sludge can be applied).

Two types of treated sewage sludge are permitted by the scheme:

1. Conventionally treated sludge - has been subjected to defined treatment processes and standards that ensure at least 99% of pathogens have been destroyed. The most common form of treatment is anaerobic digestion.
2. Enhanced treated sludge - will be free from Salmonella and will have been treated so as to ensure that 99.9% of pathogens present in the original sludge have been destroyed.

**Farmyard Manure (FYM) and Slurry – Fresh, Stored or Treated**

Using the following steps as a guide will help to ensure that manures are used efficiently:

- Know the nutrient contents of applied manures
- Apply manures evenly and at known rates

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- Where appropriate, rapidly incorporate manures or use an application technique that will minimise
- ammonia losses
- Apply manures in spring, where possible, to reduce nitrate leaching losses
- Take the nutrient content of applied manures into account when calculating inorganic fertiliser applications

Spreading manures onto pasture is a valuable source of nutrients but can play a role in transferring disease to healthy stock. The main risk is from spreading fresh, unstored slurry or manure. Risks are reduced by storage, low application rates and leaving pasture for as long as possible before grazing.

**Note: The scheme recommends that poultry manure is not applied to grazing land or grassland to be harvested due to the risks associated with botulism.**

### Compost, Digestates and other Recycled Materials

It is recommended that digestates and composts sourced from external contractors for application to land have been produced to the relevant PAS specification (PAS 110 for digestate, PAS 100 for compost) and are applied following the associated Quality Protocol. The specifications and Quality Protocols provide safeguards on the feedstock materials, the processing stages and end product quality.

Where anaerobic digestate is produced from an energy crop feedstock (e.g. maize) and there is no pasteurisation step, there is a risk that plant pathogens, for example *Fusarium* spp., may be present. It is recommended that energy crop digestate is ploughed in before drilling a subsequent cereal crop.

### Safe Application to Land Matrix:

	Manure & Slurry		Compost & Anaerobic Digestates		Treated Sewage Sludge	
	Application	Grazing or harvest interval	Including animal by-products (ABP)	Excluding animal by-products (ABP)	Conventional treated sewage sludge	Enhanced treated sewage sludge
Combinable & Animal Feed Crops	May be applied before & after drilling	N/A	May be applied before & after drilling	May be applied before & after drilling	May be applied before & after drilling	May be applied before & after drilling
Grass & Forage - Grazed	Recommend that applications made in spring & that rapid incorporation techniques are used	Minimum 4 week no graze interval applies. Recommend that there is an 8 week no graze interval for adult stock & 6 months for younger stock	A no-graze interval of 3 week applies	A no-graze interval of 3 week applies	A no-graze interval of 3 week applies & sludge must be deep injected or ploughed in	A no-graze interval of 3 week applies
Grass & Forage - Harvested		A no-harvest interval of 4 week applies	A no-graze interval of 3 week applies	A no-graze interval of 3 week applies	A no-graze interval of 3 week applies	A no-graze interval of 3 week applies

### Cropping Categories – not an exhaustive list

Combinable Crop	Wheat, Barley, Oats, Rye, Triticale, Peas, Beans, Linseed/ flax, Oilseed rape, Sugar beet, Sunflower, Borage
Grassland & Forage - Grazed	Grass, Forage swedes and turnips, Fodder mangolds, Fodder beet, Fodder kale, Forage rye and triticale, Turf
Grassland & Forested - Harvested	Grass silage, Silage maize, Haylage, Hay, Herbage seeds

## Appendix 8 – Accepted Assurance Schemes for Feed

Abbreviated Scheme Name	Full Scheme Name	Scope of the Scheme
<b>Accepted Feed Assurance Schemes</b>		
UFAS (AIC)	Universal Feed Assurance Scheme	Assured compound feeds, complementary feeds, licks, pre-mixtures and feed ingredients/ materials
FEMAS (AIC)	Feed Materials Assurance Scheme	Production of and trade in feed ingredients/ feed materials
TASCC (AIC)	Trade Assurance Scheme for Combinable Crops	Whole combinable crops. <i>Note: this scheme covers crops storage and transport. Farm assurance is covered by the schemes listed below.</i>
GTAS	GAFTA Trade Assurance Scheme	Trade in feed ingredients/ feed materials
IGAS	Irish Grain Assurance Scheme	Whole combinable crops. <i>Note: this scheme covers crops storage and transport. Farm assurance is covered by the schemes listed below.</i>
COCERAL GTP	European trade body for Agro supply and animal feeds	Trade in feed ingredients/ feed materials
GMP+ (PDV)	Dutch Product Board for Animal Feed	Assured compound feeds, complementary feeds, licks, pre-mixtures and feed ingredients/ materials
FAMI-QS	European Feed Additives And Pre- mixtures Quality System	Feed additives and pre-mixtures
BFBi scheme	Brewing, Food & Beverage Industry Suppliers Association	Certifies grains from smaller breweries
RTAOS	Red Tractor Assurance Cold Crush Oilseeds Scheme	Certifies meal from cold crush oilseeds
<b>Accepted Farm Assurance Schemes to Supply Feed</b>		
RTA Combinable Crops and Sugar Beet	Red Tractor Assurance for Farms – Combinable Crops and Sugar Beet Scheme	Combinable crops & sugar beet
SQC	Scottish Quality Farm Assured Combinable Crops Ltd	Combinable crops
NIFQACS	Northern Ireland Farm Quality Assured Cereals Scheme	Combinable crops
SAFA	Soil Association Farm Assurance (Crops module)	Combinable crops
RTA Fresh Produce	Red Tractor Assurance for Farms – Fresh Produce Scheme	Produce – vegetables, fruits and root crops