



## RT Crops and Sugar Beet Standards v2 Checklist 2011- 2012

Standard numbers begin with a two letter pre-fix that identifies the section (e.g. TI Traceability and Integrity). Key Standards are identified with a letter K, all other standards are normal (N) or recommended (R)

### SEED, NURSERY STOCK AND ROOTSTOCK (SN)

SN.1 (K)	<b>Producers must only use approved chemicals for the treatment of seed or rootstock.</b> Are only approved chemicals used for home treated seed /rootstock (as appropriate)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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### SITE AND SOIL MANAGEMENT (SM)

SM.1 (N)	<b>Producers must have a soil/growing media Management Policy and aim to maintain soil structure and control erosion.</b> Is there a policy? Has an attempt been made to maintain oil structure or control erosion or if crop rotations are not employed?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SM.1.1 (R)	<b>It is recommended that producers know the classification of soils on their farms; understand their characteristics and production potential and that producers have a written policy on the conservation of soil organic matter. It is also recommended that production practices are adjusted to maintain soil structure and control erosion. This can be demonstrated by a written Soil Management Plan which includes reference to conservation.</b> Is there a written soil management plan which includes conservation of soil organic matter?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

### ENVIRONMENTAL IMPACT/CONSERVATION AND SUSTAINABILITY (EI)

EI.1 (N)	<b>Producers must be aware of any practices that have an environmental impact.</b> Is the producer aware of any practices that have an environmental impact?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EI.1.1 (N)	<b>Producers who are planning to use land classified as uncultivated or semi-natural area at 01.11.2005 for arable production must ensure Environmental Impact Assessment (EIA) Regulations have been met. In addition, if any of that land is used to produce energy crops producers must assess and record carbon losses.</b> Have producers who are planning to use land classified as uncultivated or semi-natural area at 01.11.2005 for arable production ensured that Environmental Impact Assessment (EIA) Regulations have been met and that if any of that land is used to produce energy crops producers has they assessed and recorded carbon losses?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EI.1.2 New	<b>Crops and sugar beet that may be used to produce biofuels and bioliquids must not be produced on land that had one of the following statuses on or after January 2008:</b> a high biodiversity value or land with high carbon stock or land that was peatland unless evidence is provided that the cultivation and harvesting does not involve drainage of previously undrained soil Are any crops or sugarbeet being produced on land that had one of the specified statuses on or after 1 <sup>st</sup> January 2008?	

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### ENVIRONMENTAL PROTECTION & CONTAMINATION CONTROL (EC)

EC.1 (N)	<b>The farm must present a clean and tidy appearance.</b> Does the farm present a clean and tidy appearance, particularly in aspects which may impact on animal welfare, food safety or environmental protection?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2 (K)	<b>All pesticides must be kept in a secure store to prevent contamination and pollution.</b> Are all pesticides kept secure to prevent contamination and pollution? Record if store does not meet any of the specifications listed noting that 'frost proofing' can be achieved for example by insulation or by the use of a small heater when appropriate.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.1 (N)	<b>General warning signs must be placed on access doors.</b> Does the pesticide store have a warning sign on the access doors?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.3 (N)	<b>The store must have emergency facilities to deal with accidental spillages (e.g bucket of sand or absorbent granules) and be able to retain spillages or have an adequate sump to prevent contamination of watercourses.</b> Is the pesticide store bunded and is there a spillage kit available?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.4 (R)	<b>It is recommended that the store, including any doors but not the roof, must be made of materials which will resist fire for 30 minutes or longer. In addition, it is recommended that the store is away from areas that present a risk of fire and at least four metres from other flammable materials or sources of ignition.</b> Are pesticides stored in a location that is fire resistant (excluding roof) and away from other materials?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.5 (N)	<b>All pesticides must be stored in their original package. In the case of breakage only, the new container must be suitable with a fitted lid or cap and display the information on the original label.</b> Are all pesticides stored in their original packaging?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.6 (N)	<b>Powders must be stored on shelves above liquids.</b> Are powders stored in a way that prevents them being contaminated by liquids?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.7 (N)	<b>All plant protection products in the store must have current UK approval.</b> Do all pesticide products in the store have current approval for use and storage?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.8 (N)	<b>Keys and access to the pesticide store must be limited to staff with adequate training in the handling of pesticides.</b> Are keys and access to the pesticide store limited to workers with formal training in the handling of pesticides?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.2.9 (N)	<b>A list of stored pesticides must be kept (updated every 3 months) and a copy held in the farm office or other suitable location away from the store allowing easy access in case required by the emergency services.</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.3 (K)	<b>All fertilisers (solid or liquid) must be kept stored in a way that will prevent contamination and pollution.</b> Are fertilisers stored appropriately to prevent contamination and pollution?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.3.1 (N)	<b>Fertilisers must not be stored with any combinable crops or sugar beet.</b> Are fertilisers stored separately from combinable crops/ sugar beet?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.3.2 (N)	<b>Fertilisers must not be stored with pesticides or any other flammable materials.</b> Are fertilisers stored separately from pesticides and other flammable materials?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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EC.3.3 (N)	<b>Fertiliser stock records must be maintained which detail up-to-date quantities received and used and these must be updated at least every three months.</b> Are there up to date fertiliser stock records available on the farm (updated at least every 3 months)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.3.4 (R)	<b>It is recommended that general hazard warning signs are displayed where over 25 tonnes of fertiliser containing more than 27% nitrogen are stored. Members should be aware of and comply with the Dangerous Substances (Notification and Marking of Sites) Regulations 1990.</b> Are all fertiliser hazard and risk areas clearly indicated and is the producer aware of the Dangerous Substances (Notification and Marking of Sites) Regulations?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.3.5 (N)	<b>Liquid fertiliser must be stored in accordance with Defra's 'Protecting our Water, Soil and Air - A Code of Good Agricultural Practice for farmers, growers and land managers' (in suitable tanks/bowsers preferably away from watercourses) and a contingency plan must be in place in the event of spills, leaks, overfills and other accidents.</b> Are liquid fertilisers stored in suitable tanks or bowsers and is there a spillage plan in place?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.3.6 (N)	<b>Granular fertiliser must be stored on a hard, dry surface preferably under cover, where spillage can be contained rather than carried by run off water into watercourses.</b> Are fertilisers stored on a hard dry surface (preferably under cover) and away from watercourses?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.4 (N)	<b>In the interests of security, fertiliser must be stored in such a way as to reduce the risk of theft, and appropriate actions taken should a theft be discovered.</b> Are fertilisers stored appropriately to reduce the risk of theft and is a theft action protocol in place?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.5 (K)	<b>Potential pollutants such as silage, slurry, agricultural fuel oil and waste such as empty containers must be stored appropriately to prevent pollution and spread of disease.</b> Are potential pollutants including animal manure/slurry, effluents, agricultural oils and plastics stored appropriately to prevent pollution or spread of disease?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.6 (K)	<b>All paints, preservatives, disinfectants, baits, lubricants and other chemical products must be kept in a suitable store to prevent contamination and pollution.</b> Are paints, preserves, disinfectants, baits and other chemical stored appropriately to prevent contamination or pollution?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7 (K)	<b>Pesticides and other crop protection products must be applied to land in ways which prevent pollution.</b> Are pesticides and other crop protection products applied in ways which prevent pollution? Are pesticides applied according to the label and where SOLA's are used is there a copy of the SOLA available?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7.1 (K)	<b>Only plant protection products approved for use in the UK on the crops being protected can be used.</b> Are all pesticides used approved for use in the UK on the crops being protected?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7.2 (N)	<b>When mixing plant protection products, any handling and filling instructions stated on the label must be followed.</b> In all cases are the label recommendations adhered to?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7.3 (N)	<b>Any areas of high pollution risk must be identified on the farm e.g. near watercourses or ponds, where application of pesticides should not be carried</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	<b>out. Farm maps must be used to show these areas.</b> Are high pollution risk areas identified on a farm map?	
EC.7.4 (N)	<b>Precautions must be taken to avoid or protect non- target areas from direct overspray or spray drift and local bee keepers must be given a minimum of 48 hours notice of the intention to apply a pesticide that is potentially hazardous to bees.</b> Are precautions taken to avoid or protect non-target areas? Is the beekeepers liaison telephone number known and where appropriate are beekeepers notified 48 hours in advance if pesticides hazardous to bees are to be applied?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7.5 (N)	<b>Certain pesticides carry a 'buffer zone' requirement when applied near water. When applying these pesticides, via a horizontal boom sprayer or air assisted sprayers, a LERAP (Local Environmental Risk Assessment for Pesticides) must be undertaken and whether or not the buffer zone laid down to protect water is reduced or not, the results must be recorded.</b> Have any necessary local environmental risk assessments (LERAP) with respect to pesticide applications been carried out?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7.6 (N)	<b>Pesticides must not be carried in the cab of the sprayer, and a safe method of transport, as detailed in the Code of Practice for Using Plant Protection Products must be used.</b> Are containers used for transporting pesticides around the farm secure, lockable and display a warning sign?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7.7 (R)	<b>It is recommended that integrated crop management (ICM) should be adopted and discussed with relevant staff, advisors and contractors.</b> Is integrated crop management (ICM) and its adoption discussed with relevant staff, advisors and contractors?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.7.8 (N)	<b>Regular crop inspections must be undertaken and recorded.</b> Are regular crop inspections undertaken and recorded?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.8. (N)	<b>Pesticide and crop protection product use records must be kept.</b> (CR.EC.8) Are pesticide and crop protection product use records kept?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.8.1 (N)	<b>Pests, diseases and weeds must be monitored, where applicable by recording results and/or by participating in prediction programmes. Thresholds where applicable must be used to avoid the routine application of pesticides.</b> Are pests, diseases and weeds monitored by recording results and/or by participation in prediction programmes and are thresholds used to avoid the routine application of pesticides?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.8.2 (N)	<b>Crop protection products must be appropriate for the control required as recommended on the product label or SOLA. Having regard to residue levels and environmental impact, members must follow all pesticide label recommendations in particular regarding:</b>  <ul style="list-style-type: none"> <li>• Maximum permitted dose rates;</li> <li>• Restrictions on repeated applications to a single crop;</li> <li>• Harvest interval and latest application stage</li> </ul> <b>If reduced spray volume applications are used, the guidelines in the Defra Code of Practice for Using Plant Protection Products must be adhered to.</b> Are the crop protection products used appropriate for the control required?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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EC.9 (N)	<b>Pesticide spraying equipment must be checked regularly to ensure accurate and efficient application of pesticides.</b> Is pesticide spraying equipment (other than hand held or knapsacks) serviced and calibrated annually as specified or does it hold a valid pass NSTS certificate?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.9.1 (N)	<b>An Annual Routine Operator Check must have been undertaken for all hand-held applicators and knapsack sprayers and the results recorded.</b> For all handheld applicators and knapsack sprayers, has an annual routine check been undertaken and the results recorded?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.9.2 (N)	<b>Where members use the services of a third party such as a spray contractor, it is the member's responsibility to obtain a copy of the relevant NSTS Certificate for the active sprayer used.</b> When spray contractors are used, does their sprayer have a current NSTS certificate and is a copy available?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10 (K)	<b>Fertilisers, manures and composts must be applied to land in ways which prevent pollution, contamination and spread of disease.</b> Are fertilisers, manures & compost applied to land to prevent pollution and contamination?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.1 (N)	<b>Any use of treated Human Sewage Sludge on land destined for agricultural use must be in accordance with the Defra Code of Practice for the Agricultural Use of Sewage Sludge.</b> Are sewage sludge applications in accordance with the Code of Practice and are all applications recorded?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.2 (K)	<b>Untreated Human Sewage Sludge must not be applied to farm land.</b> Has untreated Human Sewage Sludge been applied to farm land?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.3 (R)	<b>It is recommended that a cropping/nutrient management plan is developed based on risk and soil analysis, together with the timing, frequency and quantity of applications of nutrients to ensure that nutrient loss is minimised; fertiliser applications are optimised and soil potential is maximised.</b> Has a cropping/nutrient plan been developed to ensure minimisation of nutrient loss?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.4 (N)	<b>Fertiliser rates must be based on a calculation of the nutrient requirements of the crop and on regular analysis of nutrient levels in soil, plant or nutrient solution. Nutrient applications should be guided by the levels contained within the Defra/SAC fertiliser recommendations.</b> Are fertilisers/nutrients applied with reference to soil or substrate drainage analysis and the calculation of crop nutrient requirements?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.5 (N)	<b>The supply and timing of nutrient application must be matched to meet crop demand as nutrient leaching has significant environmental consequences.</b> Has the quantity and timing of fertiliser application been matched to meet crop demand and to avoid leaching?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.6 (N)	<b>Records of all applications of soil/substrate and foliar fertilisers must be retained and include, where appropriate, location, date of application, type and quantity of fertiliser applied, the method of application and the operator name.</b> Are records held of the location, date fertiliser type, method of application, operator and quantities/concentration of all applied fertilisers/nutrients?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.7 (N)	<b>Purchased inorganic fertilisers used within the last 12 months must be accompanied by documentary evidence and this documentary evidence should detail the heavy metal content.</b> Are purchased inorganic fertilisers used within the last 12 months accompanied	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	by documentary evidence?	
EC.10.8 (R)	<p><b>It is recommended that members ensure that they adopt good practice to minimise nutrient losses, and comply with any relevant legislation.</b></p> <p>If in an NVZ is the producer aware of the legal requirement to comply with action plan rules?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.10.9 (N)	<p><b>Precautions must be taken when applying nutrients to protect non-target areas from fertiliser/nutrients.</b></p> <p>Are precautions taken to protect non-target areas from fertilisers/nutrients?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.11 (N)	<p><b>Fertiliser spreaders must be checked regularly to ensure accurate and efficient application of nutrients.</b></p> <p>Are fertiliser spreaders calibrated and serviced at least annually and is this recorded?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.12 (N)	<p><b>All farms using organic waste and manures must have and implement a written Manure Management Plan to prevent pollution, contamination and spread of disease.</b></p> <p>Is there an up to date manure management plan which will prevent contamination and the spread of disease?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.13 (K)	<p><b>All wastes, including surplus pesticides, other chemicals and empty containers must be disposed of in accordance with legislation and relevant codes of practice to prevent risks of contamination and pollution.</b></p> <p>Are all surplus pesticides, empty containers and other chemicals disposed of in accordance with current legislation and COP?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.13.1 (N)	<p><b>Empty containers must be cleaned using an integrated pressure rinsing devise or rinsed three times with water, and the rinsate returned to the spray tank.</b></p> <p>Are empty containers cleaned using an integrated pressure rinsing devise or rinsed three times with water, and the rinsate returned to the spray tank?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.13.2 (N)	<p><b>Growers must ensure that :</b></p> <ul style="list-style-type: none"> <li>• Empty pesticide containers are not re-used, and are stored, and disposed of, in accordance with the options available under the Waste Management Regulations 2006.</li> <li>• Empty containers are kept secure until disposal or recovery is possible. Disposal or recovery must take place within 12 months.</li> <li>• Only registered collection, recovery or and disposal companies are used if empty containers are to be disposed of off farm.</li> </ul> <p>Does the producer dispose of empty pesticide containers as specified and in accordance with the appropriate Regulations ?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.13.3 (N)	<p><b>The safe disposal of redundant pesticides must be planned and recorded and obsolete pesticides can only be disposed of through a certified or approved chemical waste contractor or the supplying company.</b></p> <p>Are unwanted or non-approved pesticides disposed of according to the Code of Practice and is this recorded?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EC.13.4 (N)	<p><b>Under normal circumstances surplus spray mix should not occur. However if surplus does occur, it must be sprayed onto designated areas e.g. sprayed or unsprayed crop left specifically for the purpose, EA authorised area, handled by recycling units where available or stored pending collection by a registered</b></p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>



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	<p><b>waste contractor. Tank washings and rinsates must be handled in a similar manner following the guidance given in The Code of Practice for Using Plant Protection Products (available from Defra Publications (Product code PB11090). The disposal of surplus spray mix tank washings and rinsates must comply with the 1999 Ground Water Directive and the site of disposal must be authorised by the local Environment Agency.</b></p> <p>Are surplus dilute pesticides disposed of by an acceptable disposal mechanism/procedure?</p>	
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### STAFF AND CONTRACTORS (SC)

SC.1 (K)	<p><b>There must be sufficient people available who are competent, that is have the necessary experience and / or training for the work they do.</b></p> <p>Are there sufficient, competent people working for the unit? (including spraying competency where applicable)</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.1.1 (N)	<p><b>Formal training must be given to all people handling, storing and using agrochemicals which covers legislative requirements and industry Codes of Practice relevant to the operations being carried out (Grandfather rights do not allow the holders to train others) and all people operating potentially dangerous or complex equipment. This includes sub-contracted staff. The statutory Codes of Practice from DEFRA and the Health and Safety Executive (HSE) must also be adhered to.</b></p> <p>Have pesticide operators received training in the handling and storage of pesticides?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.1.2 (N)	<p><b>The Control of Pesticides Regulations (COPR) 1986 require that all sprayer operators must have appropriate training and hold, where relevant, the appropriate certificate(s) of competence, i.e. certificates issued by the National Proficiency Test Council. Thus operators not holding "Grandfather rights" (i.e. born after 31st December 1964) must undertake suitable training. Any pesticide applications made as a commercial service (contracting) must only be undertaken by certificate holders. Untrained operators who require a certificate of competence must be supervised whilst they apply pesticides by a certificate holder and must be within sight and sound of the supervisor (those holding Grandfather rights may not act as trainers). Members must be able to demonstrate their competence and knowledge having undertaken adequate training on pesticide usage and application.</b></p> <p>Do all spray operators have a certificate of competence PA1 etc or do they qualify for Grandfather Rights and have undergone training?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.1.3 (N)	<p><b>NRoSO - Sprayer operators must be registered on the National Register of Sprayer Operators (NRoSO). Where spraying operations are contracted see SC 1.6 and SC.2.</b></p> <p>Are sprayer operators members of the National Register of Sprayer Operators (NRoSO)?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.1.4 (N)	<p><b>Where an adviser, consultant or trade representative advises on fertiliser usage etc on a member's farm, it is the member's responsibility to obtain the relevant FACTS Professional Register number. The member should also ensure the adviser, consultant or trade representative has read the Scheme standards and agrees to advise on fertiliser use in compliance with the standards.</b></p> <p>Is the fertiliser adviser FACTS Qualified and on the Professional Register?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.1.5 (N)	<p><b>Where an adviser, consultant or trade representative advises on pesticide usage on a member's farm, it is the member's responsibility to obtain the relevant</b></p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	<b>BASIS Professional Register number and to ensure the adviser, consultant or trade representative has read the Scheme standards and agrees to advise on pesticide use in compliance with the standards.</b> Is the pesticide advisor BASIS qualified and on the Professional Register?	
SC.1.6 (N)	<b>Where members use the services of a third party such as :-</b> <ul style="list-style-type: none"> <li>a spray contractor or granular/dust application contractor, it is the member's responsibility to obtain the relevant certificate of competence number, and name of the operator, or to obtain from the contractor confirmation that the relevant employee holds such certificates, and ensure they are aware of the Scheme standards. Contractors should be made aware of Groundwater Regulations 1998 regarding the disposal of spray washings etc, and must comply with any disposal authorisations for the farm.</li> <li>a third party seed-dressing contractor, it is the member's responsibility to obtain the relevant certificate of competence number, and name of the operator, or to obtain from the contractor confirmation that the relevant employee holds such certificates, or to obtain from the contractor the Assured Land Based Contractors Verified Seed Scheme membership number and ensure they are aware of the Scheme standards.</li> </ul> Do contractors used for spraying, granular application and seed dressing have the appropriate certificates?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.2 (N)	<b>Records must be kept of the experience, qualifications and training for all persons working on the holdings (both full-time and part-time).</b> Are records of training and qualifications maintained for all current and recently employed staff?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.2.1 (N)	<b>Sprayer operators must be registered on the National Register of Sprayer Operators and where spraying operations are contracted, it is the responsibility of the member to ascertain and record, the sprayer operator's name and valid NRoSO membership number.</b> If sprayer contractors are used are the staff registered on the National Register of Sprayer Operators (NRoSO)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
SC.2.2 (N)	<b>All sprayer operators must hold, where relevant, the appropriate certificates of competence (i.e. certificates issued by the National Proficiency Test Council). Operators holding "Grandfather Rights" i.e. born before 31st December 1964) must undertake suitable training. This applies equally to operators of granular pesticide applicators and seed dressing equipment etc.</b> If spray contractors are used do staff have the relevant certificates of competence?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

## CROP STORAGE AND HARVESTING (CS)

CS.1 (N)	<b>Producers must determine the condition of crops immediately they go into store and make an assessment of risk in terms of storage.</b> Has the condition of grain going into store been recorded and has a risk assessment been carried out in terms of storage?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.1.1 (N)	<b>The temperature and moisture content of grain must be monitored. Any rise in temperature must be investigated. Appropriate action must be taken to remedy water ingress, bird and rodent activity, and hot spots. If insects/mites are</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>



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	<p><b>detected, refer to HGCA Grain Storage Guide 2nd edition or seek further advice. In all cases records must be kept of the dates of all checks and follow-up action, where applicable.</b></p> <p>Are the temperature and moisture content of grain must be monitored? Is appropriate action taken to remedy water ingress, bird and rodent activity, and hot spots? Is action taken if insects/mites are detected?</p>	
CS.1.2 (N)	<p><b>Regular ongoing risk assessments (at least annual) must be carried out and in relation to the storage facilities (temporary and long-term holdings) including reference to the fabric of the store (walls and roof etc) and any stored crops.</b></p> <p>Has a risk assessment been carried out on the storage facility</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.1.3 (N)	<p><b>Moisture meters and temperature probes must be calibrated annually and the results recorded.</b></p> <p>Are moisture meters and temperature probes calibrated annually and the results recorded?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.1.4 (K)	<p><b>If any post-harvest pesticides or diatomaceous earth products are used on grain, the product used, dose rate, date and reason for application must be recorded.</b></p> <p>If any post-harvest pesticides or diatomaceous earth products are used on grain, are the product used, dose rate, date and reason for application recorded?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.1.5 (N)	<p><b>If any pre-harvest grain store pesticides are used, the site, the product used, dose rate and date of application must be recorded.</b></p> <p>If any pre-harvest grain store pesticides are used, are records kept which include the site, the product used, dose rate and date of application recorded?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.2 (K)	<p><b>Buildings used for temporary holding of crops must be suitable for use.</b></p> <p>Are buildings used for temporary holding of crops suitable for use?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.2.1 (K)	<p><b>All light bulbs, tubes, lamps, windows or any other glass material must be protected or constructed to avoid broken glass contaminating the grain.</b></p> <p>Are all light bulbs, tubes, lamps, windows or any other glass material protected or constructed to avoid broken glass contaminating the grain?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.2.2 (N)	<p><b>Any buildings or facilities used for temporary holding of grain must have suitable floors of solid construction to prevent contamination of grain with earth, stones, debris etc. Walls must be constructed of suitable material to prevent contamination of the stored grain.</b></p> <p>Do any buildings or facilities used for temporary holding of grain have suitable floors of solid construction to prevent contamination of grain with earth, stones, debris etc.?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.3 (K)	<p><b>Buildings used for long-term storage of crops must be suitable for use.</b></p> <p>Are buildings used for long-term storage of crops suitable for use?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.3.1 (K)	<p><b>Buildings used for long-term storage of grain must have solid floors and suitable walls and doors.</b></p> <p>Do buildings used for long-term storage of grain have solid floors and suitable walls and doors?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.3.2 (K)	<p><b>All light bulbs, tubes, lamps, windows or any other glass material must be protected or constructed to avoid broken glass contaminating the grain.</b></p> <p>Are all light bulbs, tubes, lamps, windows or any other glass material protected or constructed to avoid broken glass contaminating the grain?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.4 (N)	<p><b>In the case of flat grain stores, hard outside loading areas must be maintained in a clean and well-drained condition.</b></p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	In the case of flat grain stores, are hard outside loading areas maintained in a clean and well-drained condition?	
CS.5 (N)	<b>All bulks/bins must be labelled with variety (ies) and field(s) of origin.</b> Are all bulks/bins labelled with variety (ies) and field(s) of origin?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
CS.6 (N)	<b>Drying equipment must be regularly maintained in line with manufacturers' instructions by demonstrably competent staff.</b> Is drying equipment regularly maintained in line with manufacturers' instructions by demonstrably competent staff?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

### VERMIN CONTROL (VC)

VC.1 (K)	<b>An effective control system must be in operation in the areas detailed to control infestation by vermin and other animals.</b> Do all units have and implement a vermin control system?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
VC.1.1 (N)	<b>Effective vermin (including rodent) control measures must apply to all storage sites and these control measures must comply with statutory label instructions and be recorded. The records must include a site plan showing the location of bait points and be kept for 2 years.</b> Is there an effective vermin control system? Are control measures recorded and do the records include a site plan and location of bait points?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
VC.1.2 (N)	<b>The vermin control system must prevent bird, rodent and domestic animal entry to all long-term grain storage. Entry points around gutters, eaves, doors, loading pipes etc should be secured. Doors should be kept shut wherever possible and stores kept as dark as possible. Where stores are multi-purpose/mixed usage it may not be possible for safety reasons to darken stores and this is acceptable. Contamination of stored grain with vermin bait must be avoided. Baits must be placed in such a manner that non-target species do not have access to them. Baiting stations must be kept well away from the stored grain.</b> Are all long term stores/bins bird, rodent and domestic animal proof?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
VC.1.3 (N)	<b>Insect traps (pitfall traps and equivalent) in stored grain must be used as a means of monitoring insect/mite activity. If insects/mites are detected, refer to HGCA Grain Storage Guide 2nd edition or seek further advice. In all cases records must be kept of the dates of all checks and follow up action, where applicable.</b> Are pitfall traps used and monitored weekly with results recorded?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

### STORE AND EQUIPMENT HYGIENE (EH)

EH.1 (K)	<b>All grain store walls, floors and horizontal surfaces of any storage, holding or reception facilities must be cleaned and, where appropriate, washed and insecticide treated prior to use.</b> Are all grain store walls, floors and horizontal surfaces of any storage, holding or reception facilities cleaned and, where appropriate, washed and insecticide treated prior to use?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
EH.1.1 (K)	<b>Where livestock buildings are intended for use as grain storage or temporary holding facilities, at least 5 weeks prior to storage they must be thoroughly cleaned, power washed and sanitised with a food grade sanitiser (check</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	<p><b>manufacturer's instructions). Cleaning records must be available for inspection by the assessor.</b></p> <p>Where livestock buildings are intended for use as grain storage or temporary holding facilities, have they been thoroughly cleaned, power washed and sanitised with a food grade sanitiser at least 5 weeks prior to storage and are cleaning records available?</p>	
EH.2 (K)	<p><b>All equipment used for the harvesting, transportation handling, conveying and loading of grain must be thoroughly cleaned and the dates recorded.</b></p> <p>Is all equipment used for the harvesting, transportation handling, conveying and loading of grain thoroughly cleaned and are the dates of cleaning recorded?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

## RESIDUES AND CONTAMINANTS (RC)

RC.1 (N)	<p><b>Producers must determine whether any of the crops grown require specific action to minimise pesticide residues as required by the specific market.</b></p> <p>Has the producer determined whether any of the crops grown require specific action to minimise pesticide residues as required by the specific market?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
RC.2 (N)	<p><b>Producers must regularly carry out a risk assessment to decide the extent of any measures to be taken to reduce the risk of contamination of crops.</b></p> <p>Has an up to date HGCA mycotoxin risk assessment been carried out?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
RC.2.1 (N)	<p><b>Adequate provision including secure segregation must be made to ensure that there is no contamination of stored grain from treated seed or seed treatment chemicals.</b></p> <p>Has adequate provision including secure segregation been made to ensure that there is no contamination of stored grain from treated seed or seed treatment chemicals?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

## TRACEABILITY AND INTEGRITY (TI)

TI.1.1 (N)	<p><b>Before delivering combinable crops members must ensure that there is a completed and signed Post Harvest Pesticide Declaration (grain passport), which includes the trailer identification number and scheme sticker.</b></p> <p>Is a completed and signed Post Harvest Pesticide Declaration (grain passport), which includes the trailer identification number and scheme sticker given to the driver of any loads leaving the farm?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TI.1.2 (N)	<p><b>Representative samples from each storage bin and or silo must be taken and retained at time of filling. It is recommended that representative samples of each bulk in flat store and/or drying floor be taken and retained at time of filling.</b></p> <p>Does the producer retain representative samples of each bin/silo at the time of filling?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TI.1.3 (K)	<p><b>A member must not market assured and non-assured combinable crops produced on the same holding. Any non-assured grain held on the holding must be physically separated from the assured grain and separate records must be kept showing deliveries in and out of any non-assured grain.</b></p> <p>Is all the farm's production assured? If non-assured grain from other holdings is stored on the farm is it separated by a physical barrier and are there records of deliveries in and out of the non-assured grain?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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TI.1.4 (N)	<b>All certificates/lot numbers and any seed treatment of purchased seed must be available for inspection.</b> Are all certificates/lot numbers available for purchased seed?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
TI.1.5 (R)	<b>It is recommended that growers retain records of the destination/point of first tipping of loads leaving the farm.</b> Have records of the destination/point of first tipping been retained?	

### GENETICALLY MODIFIED ORGANISMS (GM)

GM.1 (K)	<b>Production of any Genetically Modified Organisms must comply with legal requirements.</b> Does production of any Genetically Modified Organisms comply with legal requirements?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
GM.1.1 (R)	<b>It is recommended that suppliers inform all potential customers of any developments including trials relating to the use or production of products derived from genetic modification and the use of GMO cultivars must be agreed with individual customers prior to planting.</b> Have all potential customers been notified of any developments including trials relating to the use or production of products derived from genetic modification and has the use of GMO cultivars been agreed with individual customers prior to planting?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
GM.1.2 (N)	<b>Genetically modified (GM) crops and other GM materials must be not be stored with other crops/fresh produce unless they are separated by a rigid physical barrier. Animal feed may contain genetically modified material and therefore must be stored separately from crops/fresh produce.</b> Are GM crops and other GM materials stored as specified?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
GM.1.3 (N)	<b>If GM and non-GM Crops are mixed in storage, the whole bulk must be regarded as genetically modified and labelled as such.</b> If GM and non-GM Crops are mixed in storage, is the whole bulk regarded as genetically modified and labelled as such?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
GM.1.4 (N)	<b>The Code of Practice on the Provision of Information Relating to Genetically Modified Crops must be adhered to.</b> Does the produce adhere to the Code of Practice on the Provision of Information Relating to Genetically Modified Crops?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

### OWN TRANSPORT FOR OFF-FARM DELIVERY (OT)

OT.1 (N)	<b>All trailers must be uniquely numbered or lettered for identification purposes.</b> Are all trailers uniquely numbered or lettered for identification purposes?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.1.1 (N)	<b>An inventory must be held of all vehicles or trailers owned, hired or leased. The record must include the identification number, the date that the trailer was purchased or hired and, if relevant, the date of disposal.</b> Is an inventory held of all vehicles or trailers owned, hired or leased. Are records kept as specified?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.2 (K)	<b>Vehicles or trailers and sheets must be clean, inside and out, before use.</b> Are vehicles or trailers and sheets clean, inside and out, before use?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.2.1 (K)	<b>Vehicles or trailers and sheets must be disinfected/sanitised if the vehicles have previously carried material on the Haulage Contaminant Sensitive List-see</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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	<b>relevant Appendix. Records must be kept of the cleaning operation.</b> Have vehicles or trailers and sheets been disinfected/sanitised if the vehicles have previously carried material on the Haulage Contaminant Sensitive List and are records kept of the cleaning operation?	
OT.3 (K)	<b>Measures must be taken to avoid contamination of loads.</b> Are measures taken to avoid contamination of loads?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.3.1 (R)	<b>It is recommended that all bulk-tipping vehicles and trailers used to transport assured food or feed are fitted with a sheeting system that can be operated from ground level. Vehicles or trailers should be sheeted at all times unless it is impracticable to do so - the obvious exceptions being field work, loading, unloading and sampling.</b> Are all bulk-tipping vehicles and trailers used to transport assured food or feed fitted with a sheeting system that can be operated from ground level? Are vehicles or trailers sheeted at all times unless it is impracticable to do so?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.3.2 (R)	<b>It is recommended that drivers do not walk on top of the sheeted load; however, if this is absolutely necessary, they must ensure that the load is not contaminated.</b> Do drivers walk on top of the sheeted load?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.4 (K)	<b>Vehicles must not be loaded until they have been inspected and passed as being fit for loading.</b> Are vehicles loaded before they have been inspected and passed as being fit for loading?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.4.1 (N)	<b>Producers must be able to provide evidence of the three previous loads together with a record of the last cleaning and disinfection of the vehicle.</b> Is the producer able to provide evidence of the three previous loads together with a record of the last cleaning and disinfection of the vehicle?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
OT.4.2 (R)	<b>It is recommended that when loading materials into vehicles with compartments, producers check the vehicle to ensure that there are no leaks between compartments. It is recommended that the vehicle is loaded so that goods cannot leak over the top of compartments. If instructions are given to load compartments in a particular order, these instructions must be followed.</b> When loading materials into vehicles with compartments, does the producer check the vehicle to ensure that there are no leaks between compartments?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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### DOCUMENTS AND PROCEDURES (DP)

DP.1 (N)	<p><b>Producers must have available a copy of the documents and codes of practice as indicated.</b></p> <p>Are the required documents available?</p> <ul style="list-style-type: none"> <li>• A copy of the assurance scheme standards</li> <li>• Protecting our Water Soil &amp; Air - A Code of Good Agricultural Practice for farmers, growers and land managers</li> <li>• Defra Code of Practice for Using Plant Protection Products PB 11909</li> <li>• Defra - Saving Money by Reducing Waste: Waste Minimisation Manual PB 11674</li> <li>• HGCA Storage Guide – 3<sup>rd</sup> edition</li> <li>• Defra Code of Practice for the Control of Salmonella - Storage of Raw Materials Used for Animal Feedstuffs PB 2202</li> <li>• Defra Fertiliser Recommendations for Agricultural &amp; Horticultural crops (RB209) – 8<sup>th</sup> edition 2010</li> <li>• SFPS Cross Compliance for Soil Management 2006 PB 11162</li> <li>• HGCA Guidelines to Minimise the Risk of Fusarium Mycotoxins in Cereals. – 2<sup>nd</sup> edition (G34,2010)</li> </ul>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
DP.2 (N)	<p><b>An emergency plan must be available and accessible to all staff.</b></p> <p>Is there an emergency plan comprising emergency contact and contingency procedures available to all staff?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
DP.3 (N)	<p><b>Producers must be registered with regulatory authorities under relevant legislation as indicated.</b></p> <p>Are producers registered with the appropriate regulatory authorities under relevant legislation?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
DP.4 (N)	<p><b>There must be a documented record of any written complaints received that are relevant to the requirements of the scheme standards.</b></p> <p>Is there a documented record of written complaints available?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
DP.5 (R)	<p><b>It is recommended that producers assess the suitability of new production sites before bringing them into use.</b></p> <p>Is the suitability of new production sites considered before bringing them into use?</p>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>