



Downloaded Red Tractor  
Standards Manual

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# Fresh Produce

**Key** – Those standards which have greater significance (all other standards are normal)

**Recommendation** – Those which do not affect certification

**New** – A completely new standard which the member must now adhere to

**Revised** – A standard that has changed and requires the member to take some different or additional action to before

**Upgraded** – The standard has been upgraded to a Key standard or from a Recommendation to a full standard

**Appendix** – this is referenced in the 'How you will be measured' column and indicates that additional information is provided in the Appendices.



This icon indicates that a record is required.



**Where to find help** – at the end of each section we have indicated where you can get extra guidance if you need it.

## CROPPING CATEGORIES FRESH PRODUCE

### Category 0

Those you can eat raw and have a significant risk or history of pathogen contamination

### Category 1

Those you can eat raw and which do not have a protective skin that is removed before eating; they may also have a significant risk or history of pathogen contamination.

### Category 2

Those you can eat raw and which either have protective skin or grow clear of the ground, or that have no history of pathogen contamination.

### Category 3

Those that the customer always cooks.

An up-to-date list of the crop categories can be found on the Red Tractor website.



### PR.DP.1 Key

#### Standards

The farm, as a whole, must present an acceptable and tidy appearance to the general public. The site management must not present a food safety, animal welfare or environmental risk.

#### How you will be measured

##### PR.DP.1.a

The external areas around buildings and farm entrances are kept clear of rubbish, non-essential equipment and other debris.

##### PR.DP.1.b

Loose wire, scrap machinery, scrap metal, seed and fertiliser bags, PPP containers and disused tyres are managed.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



### PR.DP.1.1

#### Standards

A farm map must be present and areas of specific risk are identified

#### How you will be measured

##### PR.DP.1.1.a

Areas at high risk of pollution are identified on the farm map

##### PR.DP.1.1.b

Maps are accessible for staff and visitors to reference.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Farm map



## PR.DP.2

### Standards

A documented plan for the effective management of serious incidents and potential emergency situations that threaten food safety, legality or the environment must be in place and known to those involved in farm tasks

### How you will be measured

#### PR.DP.2.a

You have considered the risks to your farm and documented the actions to be taken in event of: fire - power cuts - extreme weather - pollution incident - incidents affecting food safety or legality (e.g. microbiological or residue issues) - other site-specific risks

#### PR.DP.2.b

Up-to-date relevant contact details are documented and - where appropriate - displayed (including out of hours phone numbers) e.g. electricity supplier, Environment Agency hotline, supply chain contacts, laboratory, etc.

#### PR.DP.2.c

Key personnel have access to plan.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Contingency/emergency plan



## PR.DP.3

### Standards

Systems must be in place for recording, investigating and resolution of any complaints and/or sampling results that are relevant to the requirements of the Red Tractor Standards (REVISED)

### How you will be measured

#### PR.DP.3.a

System includes recording the: - complaint - investigation result - action taken to prevent/stop the issue happening again - complaints trending for food safety issues

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Complaint records
- Complaints trending
- Sample Records



**PR.DP.4**

**Standards**

Where records are required by the standards, they must be retained for a minimum of two years unless otherwise specified.

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**PR.DP.5**

**Standards**

A completed and signed food safety policy declaration is recorded and updated annually.

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Signed food safety policy declaration

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**PR.DP.6**

**Standards**

A documented Fire Risk Assessment for the control and prevention of fires in all farm buildings must be in place and known to key personnel.

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Fire Risk Assessment

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### PR.PL.1 Key

#### Standards

Systems must be in place to ensure all personnel are effectively trained and deemed competent to carry out the activities they are required to do (REVISED)

#### How you will be measured

##### PR.PL.1.a

No person starts work without an induction, supervision and explanation of the tasks they will carry out

##### PR.PL.1.b

Induction record to include as a minimum: - Activities role will undertake - Health & Safety information - Reporting lines

##### PR.PL.1.c

Language and learning style is given due consideration to ensure all workers understand information.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>  
Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Induction record



### PR.PL.2

#### Standards

Records of training must be kept

#### How you will be measured

##### PR.PL.2.a

A training record is available for all, including: - name - details of training/events attended - date of training - who provided the training (in-house or external provider)

##### PR.PL.2.b

Where workers are trained to undertake specific tasks, these are listed in their record

##### PR.PL.2.c

Records kept for 2 years after person has left the business

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>  
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Training Record



PR.PL.3

### Standards

The performance and competence of employees must be regularly reviewed and refresher training implemented as required

#### How you will be measured

##### PR.PL.3.a

Working arrangements allows for observation of workers discharging their responsibilities. The frequency of observation is proportionate to risk

##### PR.PL.3.b

Gaps in competence are addressed by recorded refresher training, implemented immediately or within defined timeline

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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Training record



PR.PL.3.1

### Standards

Where contractors are employed to undertake work on the production of crops, a Contractor's Commitment Document is in place which confirms that the contractor will comply with the Red Tractor Fresh Produce Scheme requirements.

#### How you will be measured

##### PR.PL.3.1.a

Contractor's Commitment Document is signed by both contractor and producer.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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Contractor's Commitment Document



**PR.PL.4**

**Standards**

Where labour providers are used, they are licensed and a documented agreement is in place

**How you will be measured**

**PR.PL.4.a**

All labour providers used hold a valid Gangmasters & Labour Abuse Authority (GLAA) licence

**PR.PL.4.b**

A Service Level Agreement is in place between the business and the labour provider

**PR.PL.4.c**

The agreement confirms that any workers provided are suitably competent

**PR.PL.4.d**

The agreement confirms any training completed by the labour provider as an alternative to the businesses' own training systems

**PR.PL.4.e**

The agreement confirms that all workers are legally permitted to work within the UK

**PR.PL.4.f**

The agreement defines allocation of Health & Safety responsibilities between labour provider and labour user

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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- Evidence of GLAA licence
- Service Level Agreement



**PR.PL.5**

**Standards**

Written Health and Safety Policy in place

**How you will be measured**

**PR.PL.5.b**

Policy is effectively communicated to all relevant workers

**PR.PL.5.c**

Language and learning style is given due consideration to ensure all workers understand information

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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Health & Safety Policy



### PR.PL.5.1

#### Standards

Accident and emergency procedures are displayed and communicated (NEW)

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### PR.PL.6

#### Standards

Any temporary, on site accommodation provided must be habitable and have suitable basic services

#### How you will be measured

##### PR.PL.6.a

Accommodation, as provided is sanitary and fit for purpose (e.g. sound roof, windows and doors)

##### PR.PL.6.b

A clean and functioning refrigerator is available for food storage

##### PR.PL.6.c

Potable water is available for drinking and hot water for washing.

##### PR.PL.6.d

Sanitary washing and toilet facilities are available.

##### PR.PL.6.e

Heating facilities are present if accommodation is used between 1st October and 31st March.

##### PR.PL.6.f

Fire safety precautions are in place (e.g. smoke alarm, fire extinguisher).

##### PR.PL.6.g

Electrical installations are inspected annually (or every 3 years if underground) by a qualified electrician.

##### PR.PL.6.h

Gas installations must be maintained at least annually by a qualified gas engineer.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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- Electrician's certificate for electrical installations
  - Record of gas installation maintenance.
-



## PR.PL.6.1

### Standards

Workers have access to clean drinking water, food storage where appropriate, and areas to eat and rest (NEW)

#### How you will be measured

##### PR.PL.6.1.a

All workers have unrestricted access to drinking water

##### PR.PL.6.1.b

If workers eat on the farm, they are provided with a suitable place to store food and eat

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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## PR.PL.7

### Standards

A named person has responsibility for Health and Safety

Applies to any farm with workers

#### How you will be measured

##### PR.PL.7.a

The Health and Safety Policy identifies a director or senior manager as responsible for Health & Safety.

##### PR.PL.7.b

The person identified has sufficient visibility of business activities to fulfil this role.

##### PR.PL.7.c

Identity of the responsible person is communicated to workers.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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Health and Safety Policy



**PR.PL.8**

### **Standards**

Documented Health and Safety meetings take place  
Applies to any farm with five or more employees

### **How you will be measured**

#### **PR.PL.8.a**

Health and Safety meetings are held at least once per year.

#### **PR.PL.8.b**

Employees are represented at the meetings.

#### **PR.PL.8.c**

Employee representatives are able to communicate views and concerns.

#### **PR.PL.8.d**

Records are kept of Health and Safety meetings.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>  
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Record of Health and Safety meetings



**PR.PL.9**

### **Standards**

Appropriate first-aid requirements are defined and implemented

### **How you will be measured**

#### **PR.PL.9.a**

First-aid requirements that are 'adequate and appropriate in the circumstances' are defined and documented.

#### **PR.PL.9.b**

The first-aid requirements identify persons responsible for first-aid arrangements.

#### **PR.PL.9.c**

Suitably stocked first-aid kits are available.

#### **PR.PL.9.d**

The first-aid requirements identify an appropriate number of trained first-aiders (as a minimum, one person is trained).

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>  
Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- First-aid requirements
- Evidence of first-aid training



## PR.PL.10

### Standards

A Health and Safety risk assessment has been carried out, which includes consideration of increased risk for high-risk workers

Applies to any farm with workers

### How you will be measured

#### PR.PL.10.a

Any increased risk encountered by high-risk workers is considered and documented.

#### PR.PL.10.b

Specific consideration is given to re-entry intervals for areas recently treated with PPPs - requirements follow any label instructions with specific consideration given for any high-risk workers.

#### PR.PL.10.c

A documented Health & Safety risk assessment is in place

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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- Health & Safety risk assessment
- Evidence of risk consideration for high-risk workers



## PR.PL.10.1

### Standards

A grievance mechanism appropriate to the scale of the farm is in place which allows workers to file complaints

Applies to any farm with workers (NEW)

### How you will be measured

#### PR.PL.10.1.a

The mechanism is confidential with no potential for complaints to be traced to individual workers

#### PR.PL.10.1.b

The mechanism is simple to use and is clearly described in a way which is understood by all workers

#### PR.PL.10.1.c

Complaints are reviewed and issues are resolved where possible

#### PR.PL.10.1.d

Records are kept of filed complaints and evidence of resolution

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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PR.PL.11

### Standards

Substances hazardous to health are identified by warning signs

#### How you will be measured

##### PR.PL.11.a

Warning signs in place where substances hazardous to health are stored.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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PR.PL.12

### Standards

COSHH assessments are completed and associated control measures are implemented

#### How you will be measured

##### PR.PL.12.a

Relevant COSHH assessments available for inspection.

##### PR.PL.12.b

Control measures identified in COSHH assessments are implemented, including any specific requirements defined in safety data sheets of products used.

##### PR.PL.12.c

Staff using or applying PPPs must be able to access facilities or contact assistance easily in the event of an accident.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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COSHH assessment



PR.PL.13

### Standards

Health checks are offered to workers applying PPPs when a need is identified within COSHH assessments



- COSHH assessment
- Record of health check offered to employee



## PR.PL.14

### Standards

A procedure regulates re-entry intervals for PPPs applied to crops  
Only mandatory where PPPs with re-entry requirements are used

### How you will be measured

#### PR.PL.14.a

A procedure regulates re-entry intervals for PPPs applied to crops.

#### PR.PL.14.b

Re-entry procedure is consistent with manufacturers' instructions where applicable.

#### PR.PL.14.c

Workers that might be affected by re-entry intervals are aware of the procedure.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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Re-entry interval procedure

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## PR.PL.15

### Standards

Appropriate protective equipment is made available to workers using PPPs and usage is effectively controlled

#### How you will be measured

##### PR.PL.15.a

Appropriate Personal Protective Equipment (PPE) is provided, in accordance with PPP label instructions.

##### PR.PL.15.b

PPE is cleaned and maintained where required.

##### PR.PL.15.c

PPE is disposed of according to manufacturers' instructions.

##### PR.PL.15.d

New PPE is stored securely, separate from other materials and equipment.

##### PR.PL.15.e

Reusable PPE is stored securely in a well-ventilated area separated from other clothing and materials.

##### PR.PL.15.f

PPE for workers using PPPs is not transported in sprayer cabs.

##### PR.PL.15.g

Secure, dedicated facilities are available for workers using PPPs for storage of personal clothes.

##### PR.PL.15.h

Functional Respiratory Protective Equipment (RPE) is provided where required.

##### PR.PL.15.i

Any disposable filters within RPE appear visibly operational and are within expiry date.

##### PR.PL.15.j

Steps are taken to ensure filters are replaced whenever appropriate (e.g. RPE maintenance records with recorded filter changes).

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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RPE maintenance records

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PR.PL.16

## Standards

Workers taking samples from controlled atmosphere stores are appropriately trained

### How you will be measured

#### PR.PL.16.a

Procedure in place for taking samples from controlled atmosphere stores where a risk to worker safety is identified.

#### PR.PL.16.b

Workers are trained against procedure.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en>

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- Procedure for sampling from controlled atmosphere stores  
– Worker Training Record

### Where to find

help



- Farmwise – Your essential guide to health and safety in agriculture: <https://www.hse.gov.uk/pubns/priced/hsg270.pdf>
- For best practice guidance on caravan accommodation for temporary workers see the Fresh Produce Consortium (FPC) 'Guidance on provision of caravan accommodation for temporary workers in the UK': <https://freshproduce.org.uk/advice/guidance-on-provision-of-caravan-accommodation-for-temporary-workers-in-the-uk>
- Gangmaster & Labour Abuse Authority (GLAA): [www.gla.gov.uk](http://www.gla.gov.uk)
- Supermarkets and suppliers protocol with the Gangmasters and Labour Abuse Authority: Best practice guide: <https://www.gla.gov.uk/media/3294/supermarkets-and-suppliers-best-practice-guide-2017.pdf>
- Association of Labour Providers: <https://labourproviders.org.uk>
- Stronger Together: <https://www.stronger2gether.org>
- Health & Safety made simple: <https://www.hse.gov.uk/simple-health-safety/index.htm>
- Employment status ('worker' and 'employee' definition): <https://www.gov.uk/employment-status>
- St John Ambulance First Aid Calculator: <https://www.sja.org.uk/course-information/guidance-and-help/working-out-what-you-need>
- HSE First Aid Guidance: <https://www.hse.gov.uk/simple-health-safety/firstaid/index.htm>
- DEFRA Code of Practice for using Plant Protection Products: [https://www.hse.gov.uk/pesticides/resources/C/Code\\_of\\_Practice\\_for\\_using\\_Plant\\_Protection\\_Products\\_-\\_Complete20Code.pdf](https://www.hse.gov.uk/pesticides/resources/C/Code_of_Practice_for_using_Plant_Protection_Products_-_Complete20Code.pdf)



### PR.TI.1 Key

#### Standards

Systems must be in place that deliver traceability of product throughout the operation.

#### How you will be measured

##### PR.TI.1.a

Product identification/coding throughout the operation.

##### PR.TI.1.b

Identification/coding provides traceability back to growing location (e.g. glasshouse, polytunnel, etc.) and date of harvest and can be related to any other relevant process steps (e.g. long-term storage details).

##### PR.TI.1.c

Identification/coding allows for dispatched batches of product to be unambiguously linked to crop production records.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Traceability records

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**PR.TI.2**

### **Standards**

Records of bought-in seeds or plants must be kept. (REVISED)

#### **How you will be measured**

##### **PR.TI.2.a**

Records detail: - suppliers - variety names - purity - germination rates - batch numbers - quality control systems - agreements with seed houses (where applicable)

##### **PR.TI.2.b**

Pest and disease monitoring is recorded for seeds, nursery stock and young plants.

##### **PR.TI.2.c**

Category 0 only. Microbiological testing of seed is completed.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK ([www.gov.uk](http://www.gov.uk))



- Seed/ plant traceability records
- Quality control information
- Pest and disease monitoring records
- Microbiological testing certificates



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PR.TI.3

## Standards

Systems must be tested annually to ensure the traceability system is effective.

### How you will be measured

#### PR.TI.3.a

Records of a product recall test include details of the product looked at, include all the paperwork for that production from seed to farm-gate/dispatch and demonstrate that the traceability system is effective.

#### PR.TI.3.b

Where the product recall test shows that improvements to the system are required there is evidence that the improvements have been implemented.

#### PR.TI.3.c

Quantities whether produced, stored or purchased for assured (and where applicable) non-assured products are recorded. These volumes are then balanced against out-going quantities and waste to produce a final or 'mass balance'.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



- Product recall test records
- Mass balance calculations

Where to find help



- Red Tractor Checker service to complete assurance checks on other farms, hauliers and markets:  
<https://checkers.redtractor.org.uk/rtassurance/services.eb>



### PR.VC.1 Key

#### Standards

There must be effective control of vermin

#### How you will be measured

##### PR.VC.1.a

No build-up of vegetation close to farm structures that could harbour vermin

##### PR.VC.1.b

A site survey is completed at least quarterly, detailing: - date of inspection - locations inspected - findings - actions required - date actions completed

##### PR.VC.1.c

Dead/trapped vermin are searched for and disposed of when bait points are checked

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



### Site surveys



### PR.VC.1.1

#### Standards

Systems are managed in-house by a competent person or by an external contractor

#### How you will be measured

##### PR.VC.1.1.a

Where an external pest contractor is used, a documented agreement is in place

##### PR.VC.1.1.b

Where pest control is managed in-house, the person with overall responsibility for this task has received some certified training in pest control/management

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- External contractor agreement
- Training in pest control/management



## PR.VC.2

### Standards

Toxic bait must be used responsibly

### How you will be measured

#### PR.VC.2.a

Prior to treatment with baits the use of non-chemical control methods is considered first followed by the least toxic alternatives (see Appendix - risk hierarchy)

#### PR.VC.2.b

An Environmental Risk Assessment is undertaken in accordance with the Appendix before bait is laid

#### PR.VC.2.d

Non-target animals do not have access to baits

#### PR.VC.2.e

Baiting stations kept away from product

#### PR.VC.2.f

Permanent baiting is not routinely undertaken and toxic bait is removed when treatment is finished

#### PR.VC.2.g

Product label directions are followed

#### PR.VC.2.h

Granular bait is not used in areas where product is stored or packed

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Environmental Risk Assessment



## PR.VC.2.1

### Standards

All pest monitoring points are recorded on a site plan and regular checks are completed

### How you will be measured

#### PR.VC.2.1.a

All pest monitoring points, including non-toxic monitoring points, any toxic baits and EFK (Electronic Fly Killing) units are accurately recorded on a site plan

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Plan/map of pest monitoring points
- Pest monitoring point check records



### PR.VC.3

#### Standards

Buildings used for packing and storing product must be maintained, proofed and managed in a manner that prevents the ingress of pests and vermin

#### How you will be measured

##### PR.VC.3.a

No evidence of poor proofing or damage to buildings which may permit pest/vermin access

##### PR.VC.3.b

Where products are stored in a walled area, gaps are left between the product and the wall (with the exception of loose, bulk storage areas)

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))

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### PR.VC.4

#### Standards

Domestic animals must not be allowed in any operational areas, including packing and storage areas

#### How you will be measured

##### PR.VC.4.a

No evidence of domestic animals in operational areas

##### PR.VC.4.b

Category 1 and 0 only. Where footpaths run through, or in close proximity to production areas, warning notices are used to minimise the risk of members of the public and domestic animals entering cropped areas

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))

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PR.VC.5

### Standards

Precautionary measures are taken where appropriate to discourage pest and vermin activity in crops and cropping areas

### How you will be measured

#### PR.VC.5.a

Where areas of potential wild animal activity have been identified in the Risk Assessment, appropriate mitigation strategies have been implemented. These include but are not limited to: - bird scaring devices - rabbit fencing - crop covers - physical barriers - management of local pest and vermin populations

Public register of waste carriers, brokers and dealers (Wales)<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))

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Where to find help



- The Campaign for Responsible Rodenticide Use (CRRU) Code is published on: [www.thinkwildlife.org/code-of-best-practice/crru-code](http://www.thinkwildlife.org/code-of-best-practice/crru-code)



**PR.SM.1**

### **Standards**

A Soil Management Plan (SMP) must be established and implemented (REVISED)

### **How you will be measured**

#### **PR.SM.1.a**

Production practices are adjusted to maintain soil structure and control erosion

#### **PR.SM.1.b**

The classification of soils on the farm is known

#### **PR.SM.1.c**

Crop rotations are employed whenever possible and details are recorded and retained for at least 3 years.

#### **PR.SM.1.d**

Appropriate measures are taken where possible to maintain crop cover to ensure bare soil does not remain exposed for extended periods of time.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Soil Management Plan

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**PR.SM.2**

**Standards**

It is recommended that the Soil Management Plan is informed by site specific data and key information is shared with relevant personnel (REVISED)

**How you will be measured**

**PR.SM.2.a**

Conservation and building of soil organic matter is considered.

**PR.SM.2.b**

Scientific tests are undertaken where available to ascertain pest and disease levels in the soil.

**PR.SM.2.c**

Soil management is discussed with advisers and relevant staff in order to ensure that cultivations are appropriate for soil type, cropping, topography, erosion risk and climate.

**PR.SM.2.d**

Classification of soil type is included on farm maps.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



- Test results
- Farm map(s)



**PR.SM.3**

**Standards**

It is recommended that the Soil Management Plan includes strategies for minimising compaction



**PR.SM.4**

**Standards**

Substrates (including peat and peat substitutes) are traceable to source and do not originate from designated conservation areas.



**PR.SM.5**

**Standards**

Recycling of substrates must be undertaken where feasible and documented.



- Substrate recycling records



PR.SM.6

### Standards

Where crops are grown in substrates other than soil or water, traceability systems are in place and microbiological risks are considered and managed where necessary.

#### How you will be measured

##### PR.SM.6.a

Effective traceability systems are in place to allow for retrospective visibility of batches used.

##### PR.SM.6.b

Category 0 & 1 only. Microbiological risks are considered within the Risk Assessment and - if the substrate presents a potential microbiological risk - verification testing is completed against defined parameters and to a pre-determined frequency.

##### PR.SM.6.c

Category 0 & 1 only. Where microbiological testing is completed, non-conforming test results lead to follow up actions to manage any risk to crop.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
([www.gov.uk](http://www.gov.uk))



Microbiological test certificates

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### PR.EC.1 Key

#### Standards

Potential pollutants must be stored in a manner that minimises the risk of contamination and pollution to crops, feedstuffs, animals, soils, groundwater and watercourses

#### How you will be measured

##### PR.EC.1.a

Fuel tanks are bunded where required by legislation

##### PR.EC.1.b

PPPs are kept in a locked store with access only given to trained and authorised personnel

##### PR.EC.1.c

Manufactured fertiliser is stored on a hard, dry surface

##### PR.EC.1.d

Fertilisers that pose a combustion or oxidiser hazard are stored in accordance with the Safety Data Sheet

##### PR.EC.1.e

Any fertiliser spillage can be contained

##### PR.EC.1.f

Organic manures are not stored: - within 10m of inland freshwaters or coastal waters - within 50m of a spring, well or borehole

##### PR.EC.1.g

Liquid fertiliser is stored in suitable tanks or bowsers: - liquid fertiliser tanks are either bunded or have lockable or removable tap handles

##### PR.EC.1.h

A documented pollution prevention management plan identifies all potential pollutants within the business and measures put in place to prevent pollution of the local environment.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Pollution Prevention Management Plan

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## PR.EC.1.1 Key

### Standards

The PPP store must be of a suitable design, construction and layout

#### How you will be measured

##### PR.EC.1.1.a

The store has adequate ventilation

##### PR.EC.1.1.b

The lighting within the store is sufficient to read product labels

##### PR.EC.1.1.c

The store is frost-proof

##### PR.EC.1.1.d

The store is away from areas presenting a risk of fire and at least 4m away from flammable materials and/or sources of ignition

##### PR.EC.1.1.e

Warning signs on or adjacent to, the door including: - general warning sign - no smoking sign - naked flames prohibited sign

##### PR.EC.1.1.f

Liquids cannot contaminate granules and powders

##### PR.EC.1.1.g

Fixed shelving is strong enough to support product

##### PR.EC.1.1.h

Emergency facilities are available to deal with spillages e.g. sand/absorbent granules/an adequate sump/ability to retain spillages (i.e. bunded)

##### PR.EC.1.1.i

An outside cage is only used where the product is supplied in a container designed specifically for outside storage.

##### PR.EC.1.1.j

Segregation of product and empty packaging

##### PR.EC.1.1.k

Emergency phone numbers are displayed

##### PR.EC.1.1.m

A first aid kit, including eye wash, is available

##### PR.EC.1.1.n

A fire extinguisher is available

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))

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## PR.EC.1.2

### Standards

A list of stored PPPs must be available and updated on a minimum monthly basis

#### How you will be measured

##### PR.EC.1.2.a

A list of stored PPPs must be kept and updated on a minimum monthly basis.

##### PR.EC.1.2.b

The list identifies product and quantity present in the store.

##### PR.EC.1.2.c

A copy or suitable alternative (e.g. farm software system) is available for use by the emergency services.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



List of stored PPPs



## PR.EC.2

### Standards

In the case of packaging breakages PPPs must be transferred to a suitable container

#### How you will be measured

##### PR.EC.2.a

Container has an appropriate safe closure cap or bag tie

##### PR.EC.2.b

The original label information is displayed

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



### PR.EC.3

#### Standards

Nitrogen based fertilisers must be stored in a way that minimises the risk of theft

#### How you will be measured

##### PR.EC.3.a

Stored in a secure building or compound where there is no public access

##### PR.EC.3.b

Product is either not stored close to, or is not visible from, a public highway (covering or sheeting is an acceptable way of ensuring the product is not visible)

##### PR.EC.3.c

Checks are made to ensure manufactured fertiliser has not been tampered with, moved or stolen

##### PR.EC.3.d

Any theft or losses are reported to the police immediately (Tel: 101)

##### PR.EC.3.e

Site map references for granular nitrogen fertiliser storage are recorded (what3words or six figure Easting and Northing reference, e.g. 123456/456789)

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



### PR.EC.3.1

#### Standards

A list of stored manufactured fertiliser must be kept and updated regularly



Stored manufactured fertiliser list



**PR.EC.3.2**

### **Standards**

It is recommended that you notify the relevant authorities if you are storing certain amounts and/or types of fertiliser

### **How you will be measured**

#### **PR.EC.3.2.b**

If storing more than 25 tonnes in total of any fertilisers or other substances with an oxidiser warning sign on the bag or container you have notified both HSE and the Fire and Rescue Service

#### **PR.EC.3.2.a**

Sites storing more than 150 tonnes of fertilisers which contain Ammonium Nitrate, where the Nitrogen content is greater than 15.75%, notify the Fire and Rescue Service

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))

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## PR.EC.4 Key

### Standards

PPPs must be approved and appropriate for their intended use

#### How you will be measured

##### PR.EC.4.a

Manufacturer's instructions are followed.

##### PR.EC.4.b

PPPs are approved for the intended use (including target crop where relevant) through a valid, on-label approval, Extension of Authorisation for a Minor Use (EAMU) or Emergency Approval.

##### PR.EC.4.c

Unapproved product is kept in a segregated area of the pesticide store, pending collection for disposal at the earliest opportunity; clearly marked with signs/labels stating that it must not be used

##### PR.EC.4.d

The Defra Code of Practice for Using Plant Protection Products is adhered to and particular attention is given to: - environmental impact and residue levels - maximum permitted dose rates - any relevant risks if reduced dose rates are used - restrictions on repeated applications to a single crop - rotation of modes of action (where possible)

##### PR.EC.4.e

All deliveries of PPPs can be traced back to supplier through invoices or suitable alternative records

##### PR.EC.4.f

Where applicable, farms comply with customer pesticide policies

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK ([www.gov.uk](http://www.gov.uk))



Invoices

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## PR.EC.4.1

### Standards

PPPs are mixed/handled in a manner that minimises the risk of contamination and pollution

#### How you will be measured

##### PR.EC.4.1.a

Where used, measuring equipment is dedicated to this purpose, non-glass, clean and free of accumulated residues and numbering is sufficiently legible to enable accurate measurement

##### PR.EC.4.1.b

Where used, weighing scales are dedicated to this purpose and are calibrated at least annually

##### PR.EC.4.1.c

Any dedicated PPP filling areas are designed to effectively contain any drips or spills generated by filling of PPP application equipment

##### PR.EC.4.1.d

Where a dedicated filling area is not in place, a suitable alternative provision is present to control this risk (e.g. a suitably functional drip tray and selection of filling locations distanced from water courses, boreholes/springs/wells)

##### PR.EC.4.1.e

Any alternative provisions used are managed appropriately to ensure they do not themselves present a risk of contamination to personnel or environment

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



PPP store scale calibration record

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## PR.EC.5 Key

### Standards

PPPs must be applied in a manner that minimises the risk of contamination and pollution

### How you will be measured

#### PR.EC.5.a

PPP application does not occur in areas of high pollution risk, as identified on farm map

#### PR.EC.5.b

PPP application does not occur in unsuitable conditions e.g. when there is a risk of drift or where soil conditions are unsuitable e.g. waterlogged, flooded or snow-covered soil or where the soil has been frozen for more than 12 hours in the previous 24 hours

#### PR.EC.5.c

Buffer zone requirements of the PPP being applied are complied with.

#### PR.EC.5.d

Local beekeepers are given at least 48 hours' notice of the intention to apply a PPP that is hazardous to bees, via direct contact, BeeConnected or an equivalent tool.

#### PR.EC.5.e

Care is taken when applying near hedgerows, woodlands, wetlands, private homes or public places e.g. schools, parks, playgrounds.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



## PR.EC.6 Key

### Standards

PPP application must be undertaken by competent operators.

### How you will be measured

#### PR.EC.6.a

NPTC Pesticide Application Certificates/Lantra Awards Level 2 Pesticides qualification are held

#### PR.EC.6.b

National Register of Sprayer Operators (NRoSO) registration is held.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- NPTC/Lantra certificates
- NRoSO membership number and expiry date



## PR.EC.7

### Standards

All PPP application equipment must be maintained and tested

#### How you will be measured

##### PR.EC.7.a

Frequency of testing is carried out as follows: Equipment - Testing frequency Boom sprayers over 3 metres and air blast sprayers - Annual NSTS test Granular nematicide applicator - Annual NSTS test Boom sprayers 3 metres and under, micro-granular and slug pellet applicators, weed wipers, seed treatment and other specialist application equipment - NSTS tested before the equipment is 5 years old and thereafter NSTS tested once every 6 years Handheld/ knapsack sprayers - No testing required

##### PR.EC.7.b

Equipment calibration occurs between seasons of use, as a minimum.

##### PR.EC.7.c

Equipment used to apply granular PPPs is calibrated whenever there is a change of product.

##### PR.EC.7.d

All handheld applicators and knapsack sprayers must be checked on an annual basis and results recorded.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- NSTS Certificates
- Calibration records



## PR.EC.7.1

### Standards

PPP's must be transported in manner that minimises the risk of contamination and pollution

#### How you will be measured

##### PR.EC.7.1.a

Transporting product through water/crossing watercourses is avoided wherever possible

##### PR.EC.7.1.b

Diluted PPP's: - Valves which control the flow of the PPP to the spraying equipment are shut during transport unless constant agitation is specifically mentioned on the label - Hoses, nozzles and other fittings are maintained in line with manufacturer's instructions

##### PR.EC.7.1.c

Undiluted PPP's: - transported in a secure chest/ cabinet/ container

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



### PR.EC.7.3

#### Standards

Where granular nematicides are used, use must be in accordance with the Nematicide Stewardship Programme (NSP) Best Practice Protocol.

#### How you will be measured

##### PR.EC.7.3.a

Staff applying granular nematicides hold a PA4 or PA4G certificate.

##### PR.EC.7.3.b

Staff applying granular nematicide complete ARTIS e-learning modules.

##### PR.EC.7.3.c

The applicator is checked prior to the start of the season and on each working day to ensure all pipework is correctly fitted, the hopper bungs are in place and the hopper lids are secure. When the applicator is in use, granules are monitored to check they are flowing correctly.

##### PR.EC.7.3.d

Applicators in potatoes are fitted with a device in the cab which allows the operator to shut off nematicide granule flow at least 3 meters from the end of each row.

##### PR.EC.7.3.e

Designated areas for filling hoppers in each field are used which can easily be checked for spillages. Spillages should be dealt with according to manufacturer's recommendations and the NSP protocol to ensure no granules are left on the surface.

##### PR.EC.7.3.f

Treated fields are checked the next day (12-24 hours) after application for any adverse effects to wildlife as per the protocol outlined in the NSP Field Monitoring Guidance.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))

- 
- PA4 /PA4G certificate



- ARTIS e-learning certificate
- Applicator check record (pre-season and on day of operation)
- Post-application field check record



### PR.EC.7.4

#### Standards

Anyone making recommendations on PPP use must be on the BASIS Professional Register.



- Name and BASIS professional register number



## PR.EC.7.5

### Standards

Surplus spray mix must be dealt with in a manner that minimises the risk of contamination and pollution

### How you will be measured

#### PR.EC.7.5.a

Surplus spray mix is sprayed onto designated areas (e.g. crop left specifically for the purpose) and the maximum rate is not exceeded, or securely stored pending collection by a registered waste contractor.

#### PR.EC.7.5.b

Tank washings and rinsates are treated in a biobed or biofilter under a registered waste exemption or disposed directly to the ground in accordance with an appropriate permit.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Exemption/permit



## PR.EC.7.7

### Standards

It is recommended that PPP application equipment is stored in a manner that minimises the risk of contamination or pollution

### How you will be measured

#### PR.EC.7.7.a

Equipment is stored in a safe, dedicated area and - where this is within a building - the area is well-ventilated.

#### PR.EC.7.7.b

Application equipment is regularly cleaned down.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Cleaning records



**PR.EC.7.8**

**Standards**

It is recommended that records of PPP application instructions/ agronomist recommendations are kept



PPP instruction records



**PR.EC.8**

**Standards**

Records must be kept of all applications of PPPs and any other substances applied to the crop

**How you will be measured**

**PR.EC.8.a**

Records are kept of all PPP applications, including PPPs used to treat seed, rootstock and young plants, in-field PPPs, pre-harvest crop store PPPs and post-harvest PPPs

**PR.EC.8.b**

Records include: - field/store identifier for post-harvest treatments - crop/variety - sowing or planting date - date and time applied - justification/target for application - product name and active ingredient - rate of application - water volume - wind direction and speed - harvest interval - first permissible harvest date - name of sprayer operator

**PR.EC.8.c**

Records are kept for at least 3 years

**PR.EC.8.d**

Records are kept of applications of biological controls, such as natural predators, and any other substances not classed as PPPs

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



PPP application records  
Biological control introduction records



**PR.EC.8.1 Key**

**Standards**

Systems must be in place to ensure statutory harvest intervals for PPPs are complied with



Harvest records



**PR.EC.8.2**

**Standards**

Records must be held for any bought-in seed, rootstock or young plants that have been treated with PPPs.

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Treatment records or suitable alternative

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**PR.EC.8.4**

**Standards**

It is recommended that where professional guidance on the use of biological controls is provided by an agronomist or another party (e.g. supplier), this guidance is followed and documented records are retained

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Recommendations for use of biological controls

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## PR.EC.9 Key

### Standards

Manufactured fertilisers, organic manures and other soil amendments must be applied in a manner that minimises the risk of contamination or pollution

### How you will be measured

#### PR.EC.9.a

Any materials, including waste materials, that are applied to land should have agricultural benefit

#### PR.EC.9.b

Exemptions/permits to use waste materials are held

#### PR.EC.9.c

A Nutrient Management Plan (NMP) is established and implemented where applications are made to land.

#### PR.EC.9.d

NMP includes the following: - timing, frequency and quantity of applications - identification of any areas where particular applications cannot be made - nutrient content of organic manures and fertilisers - plans to minimise nutrient loss

#### PR.EC.9.e

Before application, the following factors are considered: - NVZ restrictions - soil type - soil condition - results of soil testing - crop requirements - slope - weather conditions - the location of watercourses - water supplies and abstraction points (including on neighbouring land) - location of field margins/hedges/other areas where applications should not be made - application machinery travelling conditions

#### PR.EC.9.f

Applications are not carried out during high risk times e.g. on waterlogged, flooded or snow-covered soil or where the soil has been frozen for more than 12 hours in the previous 24 hours.

#### PR.EC.9.g

Biosolids are assured under the Biosolids Assurance Scheme

#### PR.EC.9.h

Untreated sewage sludge, untreated abattoir or catering derived animal by-products are not applied.

#### PR.EC.9.i

Applications are made in accordance with Appendix

#### PR.EC.9.j

Applications of fertilisers and organic manures are justified and planned to not exceed soil and crop nutrient needs

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



- Exemptions / permits
- Nutrient Management Plan (or alternative records detailing required information)
- Justification for applications of fertilisers and organic manures (may be covered in NMP or in other records)



**PR.EC.9.1**

**Standards**

Anyone making recommendations on manufactured fertiliser use must be on the FACTS Professional Register.

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Name and FACTS professional register number

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**PR.EC.9.2**

**Standards**

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 and with consideration of nutrient content of any organic manure applications.

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Analysis results or standard analysis (e.g. RB209)

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**PR.EC.9.4**

**Standards**

Documentary evidence detailing the chemical content (N, P, K) of all purchased, manufactured fertiliser must be retained

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Invoices/delivery records/data sheets

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**PR.EC.9.5**

**Standards**

Documentary evidence must be kept which demonstrates that manufactured fertiliser is responsibly sourced and traceable, e.g. from a Fertiliser Industry Assurance Scheme (FIAS) approved supplier

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Invoices/delivery records

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**PR.EC.9.6**

**Standards**

Records are kept of all recommendations for fertiliser and soil improvement products.

**How you will be measured**

**PR.EC.9.6.a**

Recommendations for fertiliser and soil improvement products are documented and retained.

**PR.EC.9.6.b**

Recommendations are sufficiently comprehensive to support rational and responsible use. Examples of data fields that may be relevant: - name of person making recommendation - date of recommendation - reason for recommendation - application method - crop - location/area - type of fertiliser or soil amendment - application rate - specific precautions

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Fertiliser application instructions/professional advisor recommendations



**PR.EC.10**

**Standards**

All manufactured fertiliser application equipment must be maintained and calibrated at least annually



Calibration record



**PR.EC.10.1**

**Standards**

Records must be kept of all applications of manufactured fertilisers, organic manures and other soil amendments.

**How you will be measured**

**PR.EC.10.1.a**

Records include: - field identifier/location - date of application - product type - product quantity - method of application - name of operator or contractor

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Manufactured fertiliser/organic manure application records



## PR.EC.10.2 Key

### Standards

All manufactured fertilisers, organic manures and other soil amendments are safe and suitable for use and are carried out in accordance with the Safe Applications to Land appendix.

### How you will be measured

#### PR.EC.10.2.a

All manufactured fertilisers, organic manures and other soil amendments used (including faeces from animal grazing) are considered within the Risk Assessment and within relevant Site Risk Assessments.

#### PR.EC.10.2.b

All applications to land (including faeces from animal grazing) are in accordance with the Safe Applications to Land appendix and any relevant withholding periods have been adhered to.

#### PR.EC.10.2.c

Where crop residues are composted and used as a soil conditioner, there is no identifiable risk of disease carry-over.

#### PR.EC.10.2.d

Category 0 and 1 only. All staff and contractors involved in applying manure-based products understand the microbiological risk they pose.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Risk Assessment
  - Site Risk Assessment
-



## PR.EC.11 Key

### Standards

All wastes which cannot be utilised are disposed of in a manner that minimises the risk of contamination and pollution

### How you will be measured

#### PR.EC.11.a

Wastes are disposed of by a registered waste carrier

#### PR.EC.11.b

Wastes are not burnt, with the exception of vegetation and untreated wood

#### PR.EC.11.c

Empty PPP containers are: - cleaned using an integrated pressure rinsing device, or triple rinsed appropriately and the rinsate returned to the spray tank - stored securely - not reused - returned to the supplier or where non-returnable, disposed of via a registered waste carrier

#### PR.EC.11.d

Redundant PPPs are disposed of via the supplier or a registered waste carrier

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Waste transfer notes
- Waste carrier name and registration number



## PR.EC.12

### Standards

Systems are in place to manage waste responsibly (REVISED)

### How you will be measured

#### PR.EC.12.a

Opportunities are considered for: - reducing the production of waste - re-using waste - recycling waste, plastics in particular

#### PR.EC.12.b

A Waste and Recycling Management Plan is documented and implemented.

#### PR.EC.12.c

Consideration is given to the minimisation and management of food waste, where applicable

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Waste and Recycling Management Plan



















































## PR.EC.13

### Standards

Crop waste is managed responsibly to minimise risk to other crops.

#### How you will be measured

##### PR.EC.13.a

Where disposal of crop waste presents a disease transfer risk, responsible management practices are documented and adopted. Examples of such practices include (but are not limited to) use of dedicated waste receptacles for plant and crop waste and management/removal of any haulm growth on field potato dumps.

##### PR.EC.13.b

Where crop residue in the field presents a physical contamination risk to other crops in the rotation, mitigation steps are documented and adopted. Examples of such practices include (but are not limited to) identifying post-harvest management practices to minimise the potential for regrowth and volunteers. This may present an elevated risk in certain situations - e.g. poisonous berries from potato regrowth that cannot be easily separated from vining peas.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



### Crop waste management controls

#### Where to find help



- England – DEFRA/Protecting our Water, Soil & Air: [www.gov.uk/government/publications/protecting-our-water-soil-and-air](http://www.gov.uk/government/publications/protecting-our-water-soil-and-air)
- Northern Ireland – The Code of Good Agricultural Practice (COGAP): [www.daera-ni.gov.uk/publications/code-good-agricultural-practice-cogap](http://www.daera-ni.gov.uk/publications/code-good-agricultural-practice-cogap)
- Scotland – Agriculture and the environment/PEPFAA Code: [www.gov.scot/policies/agriculture-and-the-environment/pepfaa](http://www.gov.scot/policies/agriculture-and-the-environment/pepfaa)
- Wales – Code of Good Agricultural Practice: <https://gov.wales/code-good-agricultural-practice>
- HSE guidance on storing pesticides for farmers and other professional users: [www.hse.gov.uk/pubns/ais16.pdf](http://www.hse.gov.uk/pubns/ais16.pdf)
- For information on the importance of fertiliser security visit [www.secureyourfertiliser.gov.uk](http://www.secureyourfertiliser.gov.uk)
- Red Tractor Fresh Produce members receive access to the LIAISON website as a benefit of membership to enable easy access to on label and EAMU approval information and relevant MRLs – see: <https://secure.fera.defra.gov.uk/liaison>
- For further information of approvals of PPPs, see: [www.pesticides.gov.uk](http://www.pesticides.gov.uk)
- Details of NSTS approved test centres can be found at: [www.nsts.org.uk](http://www.nsts.org.uk)
- Template documents for operator checks are available on the NSTS website: <https://www.nsts.org.uk/Documents-Links>
- Nutrient Management Guide (RB209): <https://ahdb.org.uk/nutrient-management-guide-rb209>
- For more information about FIAS see: <https://www.agindustries.org.uk/sectors/trade-assurance-schemes/fias-fertiliser-industry-assurance-scheme.html>
- Public register of waste carriers, brokers and dealers (England): <https://environment.data.gov.uk/public-register/view/search-waste-carriers-brokers>
- Public register of waste carriers, brokers and dealers (Northern Ireland): <https://www.daera-ni.gov.uk/articles/registered-waste-carriers-transporters>
- Public register of waste carriers, brokers and dealers (Scotland): <https://www2.sepa.org.uk/wastecarriers>
- Public register of waste carriers, brokers and dealers (Wales):







### PR.RA.1 Key

#### Standards

A documented risk assessment has been completed, covering all process steps for each relevant crop from site selection, drilling or planting through to packing, storage and transportation of product. All crop production processes are considered to identify any physical, chemical, allergenic or microbiological food safety risks and suitable preventative actions are implemented.

#### How you will be measured

##### PR.RA.1.a

All relevant crops are considered in the Risk Assessment.

##### PR.RA.1.b

All relevant process stages (including transportation of products) are included within the Risk Assessment.

##### PR.RA.1.c

All agronomic inputs (e.g. irrigation water, PPPs, etc.) are included within the risk assessment.

##### PR.RA.1.d

Any physical, chemical, microbiological or allergenic risks are clearly identified.

##### PR.RA.1.e

Preventative actions are identified within the Risk Assessment.

##### PR.RA.1.f

Microbiological, chemical and physical risks are assessed for all water used in crop production processes - with reference to: - source - distribution - application method - crop risk category

##### PR.RA.1.g

Risks associated with food fraud and malicious contamination are included within the risk assessment

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Risk Assessment



**PR.RA.2**

### **Standards**

The Risk Assessment includes a flow diagram of the production process and identifies the points in the process where specifically identified risks occur

### **How you will be measured**

#### **PR.RA.2.a**

Risks identified in the Risk Assessment (RA.1) are highlighted appropriately on a Process Flow Diagram.

#### **PR.RA.2.b**

A Process Flow Diagram has been developed for each type of production.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Process Flow Diagram

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PR.RA.3

### Standards

Preventative actions are defined and implemented. Where Critical Control Points (CCPs) are identified, these are managed effectively.

### How you will be measured

#### PR.RA.3.a

Effective implementation of preventative actions is defined

#### PR.RA.3.b

Responsibility for the implementation of preventative actions is allocated.

#### PR.RA.3.c

Any CCPs are identified by a documented process.

#### PR.RA.3.d

Personnel responsible for effective implementation of CCPs have specific, documented training.

#### PR.RA.3.e

Monitoring records are in place to demonstrate effective implementation of CCPs.

#### PR.RA.3.f

Actions to be taken in the event of a CCP failure are documented and effectively implemented.

Public register of waste carriers, brokers and dealers (Wales)<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))

- 
- Preventative Action Plan
    - CCP Decision Tree
  -  – Training Record
  - CCP Monitoring Record
  - CCP Failure Record
-



**PR.RA.4**

**Standards**

The Risk Assessment and preventative actions must be reviewed regularly and whenever processes/products change.

**How you will be measured**

**PR.RA.4.a**

The Risk Assessment is reviewed at least annually.

**PR.RA.4.b**

Category 0, 1 & 2 only. Risk Assessment review is documented.

**PR.RA.4.c**

Category 0, 1 & 2 only. Risk Assessment review includes looking at complaints and any relevant test results, including microbiological testing data.

Public register of waste carriers, brokers and dealers (Wales):<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



- Risk Assessment (review date)
- Record of Risk Assessment review



**PR.RA.5**

**Standards**

Risk Assessment must be performed by suitably trained staff with a wide knowledge to ensure all aspects of the process have been thoroughly assessed

**How you will be measured**

**PR.RA.5.a**

Staff completing Risk Assessment have wide knowledge of all areas of the business. Evidence of wide business knowledge may be demonstrable rather than documented. In most cases, it will be appropriate to involve multiple members of staff to ensure that all aspects of the operation are covered.

**PR.RA.5.b**

Category 0, 1 & 2 only. The Risk Assessment lead has received risk assessment training.

Public register of waste carriers, brokers and dealers (Wales):  
<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
([www.gov.uk](http://www.gov.uk))



Training Record



## PR.RA.6 Key

### Standards

All production sites are risk assessed and deemed suitable for use.

### How you will be measured

#### PR.RA.6.a

The Certification Body has been informed of any new site and it has been added to your Red Tractor membership.

#### PR.RA.6.b

All production sites are risk assessed and deemed suitable for use.

#### PR.RA.6.c

Site Risk Assessments consider the prior use of land and previous management of the site with reference to physical, chemical, microbiological and allergenic risks.

#### PR.RA.6.d

Site Risk Assessments consider any relevant risks within the production environment, including any risks in close proximity to the site that may affect food safety and risks from neighbouring production sites such as spray drift

#### PR.RA.6.e

Where risks are identified, preventative actions or mitigation steps are identified and implemented.

#### PR.RA.6.f

Risk assessments are reviewed whenever circumstances change and at least annually.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
([www.gov.uk](http://www.gov.uk))



Site Risk Assessments

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PR.RA.8

### Standards

Members understand the Red Tractor standards and complete Internal Audits to verify their effective implementation. (REVISED)

### How you will be measured

#### PR.RA.8.a

A minimum of one self-assessment per year is completed against the Red Tractor Fresh Produce scheme standards.

#### PR.RA.8.b

Category 0, 1 & 2 only. Regular Internal Audits are completed to verify that the preventative actions identified within the Risk Assessment are operating effectively.

#### PR.RA.8.c

Where non-conformances are detected, effective corrective actions are implemented

Public register of waste carriers, brokers and dealers (Wales)<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Internal audit (against Red Tractor Fresh Produce Standards)  
– Internal Audit Report

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Where to find help



<http://freshproducetool.foodstandards.gov.scot/https://ahdb.org.uk/knowledge-library/microbials-keeping-fresh-produce-free-of-pathogens>

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## AIM: INTEGRATED PEST MANAGEMENT (PR)



### PR.IM.1

#### Standards

Integrated Pest Management (IPM) must be in place to proactively manage crop production (REVISED)

#### How you will be measured

##### PR.IM.1.a

An IPM Plan is documented and followed

##### PR.IM.1.b

The IPM Plan is discussed with relevant staff, advisers and contractors

##### PR.IM.1.c

The IPM Plan covers all areas of good agricultural practice with an emphasis on optimising the use of PPPs and improved protection of the environment.

##### PR.IM.1.d

The person technically responsible for the IPM plan has received appropriate training or has sought advice from a suitably qualified person

##### PR.IM.1.e

Prevention measures identified in the IPM plan are implemented

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



IPM Plan



### PR.IM.2

#### Standards

Regular crop inspections must be undertaken and recorded

#### How you will be measured

##### PR.IM.2.a

Documented crop inspection records are available. These may be electronic or handwritten.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Crop inspection records/diary notes



### PR.IM.3

#### Standards

Relevant pests, diseases and weeds must be monitored regularly and recorded

#### How you will be measured

##### PR.IM.3.a

Recording is carried out directly or through participation in a relevant prediction programme

##### PR.IM.3.b

Documented thresholds with corresponding technical options are used where applicable, to ensure any reactive application of PPPs is evidence based.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Records of pests, diseases and weeds on-farm



### PR.IM.4

#### Standards

Plans must be in place to minimise the use of PPPs without compromising product quality.

#### How you will be measured

##### PR.IM.4.a

There is documented or demonstrable evidence that strategies are present to reduce PPP use.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

### Standards

A sample of each crop must be tested for pesticide residues at least annually, unless an evidence-based justification for less frequent testing is present (REVISED)

#### How you will be measured

##### PR.IM.5.a

Testing is completed by a laboratory with accreditation for pesticide residue testing (issued either by UKAS or another ILAC signatory).

##### PR.IM.5.b

Samples are collected in accordance with a documented sampling procedure.

##### PR.IM.5.c

Pesticide residue test results are traceable to: - producer - production site - batch - date of harvest

##### PR.IM.5.d

A multi-residue screen is completed unless a clear justification is present for an alternative testing suite.

##### PR.IM.5.e

Investigation and appropriate follow up actions are taken in response to any MRL exceedance or detection of non-applied PPPs (including use of contingency plan where needed).

##### PR.IM.5.f

A means of checking applicable MRLs for country of production and market of sale (if different) is available.

##### PR.IM.5.g

Where crops are tested less than annually, a documented, risk-based justification is present and - as a minimum - consideration is given to the following points: - historical results are available and indicate a particularly low risk of MRL exceedance - crop management practices and PPP use presents a particularly low risk of MRL exceedance and has not substantially changed since the last available test was completed - consideration is given to risk of adventitious contamination routes (e.g. legacy contamination, spray drift) - an alternative testing frequency is defined, ensuring that testing is completed at least once every three years

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

- 
- Pesticide residue test results
  - Documented follow up actions (where appropriate)
  - Documented sampling procedure
  - Documented justification for reduced testing frequency or testing suite (where applicable)
-



**PR.IM.6**

### **Standards**

Where maximum nitrate concentrations apply to crop commodities, the risk must be considered and appropriate testing regimes implemented.

### **How you will be measured**

#### **PR.IM.6.a**

Nitrate concentration is considered within the Risk Assessment.

#### **PR.IM.6.b**

Product testing requirements are defined and implemented.

#### **PR.IM.6.c**

Test results are compared with maximum permitted nitrate concentrations with documented evidence of follow up action if maximum concentration is exceeded.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



- Risk Assessment

- Product testing for nitrates

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### PR.IG.1

#### Standards

Water used in crop production (irrigation, mixing of fertiliser and PPPs, crop and equipment washing) must be tested at a frequency which is in response to the Risk Assessment and in line with the Water Matrix Appendix.

#### How you will be measured

##### PR.IG.1.a

Microbiological testing frequency is dependent on crop category.

##### PR.IG.1.b

Water is tested for E. coli.

##### PR.IG.1.c

E. coli thresholds are dependent on crop category - further information can be found in the Water Matrix Appendix.

##### PR.IG.1.d

Growers are aware of any critical values expected by their customers.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



### PR.IG.1.1

#### Standards

Controls and test results must be kept, regularly reviewed and any improvement action taken must be recorded for all water used in crop production (irrigation, mixing of fertiliser and PPPs, crop and equipment washing).

#### How you will be measured

##### PR.IG.1.1.a

Water test results are available.

##### PR.IG.1.1.b

There is evidence of corrective action being taken in response to results where required, in accordance with the Water Matrix.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Water test results



## PR.IG.1.2

### Standards

Analysis of irrigation water is completed by a UKAS accredited laboratory (or another ISO 17025 standard) with E. coli testing of water samples within the scope of accreditation.

### How you will be measured

#### PR.IG.1.2.a

Accreditation of the laboratory can be demonstrated through documentation or electronically (e.g. through a website).

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

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Evidence of laboratory accreditation

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## PR.IG.2 Key

### Standards

Untreated sewage water must not be used

### How you will be measured

#### PR.IG.2.a

No evidence that untreated sewage water (defined as water contaminated with human and/or municipal waste) has been used on crop production sites.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

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### PR.IG.3

#### Standards

A documented Water Management Plan must be produced and used to identify opportunities for water use efficiency and reducing waste.

#### How you will be measured

##### PR.IG.3.a

A Water Management Plan is in place.

##### PR.IG.3.b

Plan identifies opportunities to optimise water efficiency - examples may include: - computer modelling of crop's water requirements - irrigating at night - maintenance plans to reduce possibility of leakage - storage of winter storm water - collection and re-use of some water, such as from glasshouse roofs and winter rainfall - water audit

Public register of waste carriers, brokers and dealers (Wales)<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



Water management plan



### PR.IG.3.1

#### Standards

It is recommended that the Water Management Plan gives consideration to participation in collaborative water management activities with neighbouring stakeholders (NEW)



### PR.IG.4

#### Standards

Crop irrigation must be based on an identified need.

#### How you will be measured

##### PR.IG.4.a

Irrigation need is identified by reference to suitable data sources - examples include: - moisture measurement - scheduling (where appropriate) - physical inspection - weather station data

Public register of waste carriers, brokers and dealers (Wales):  
<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
([www.gov.uk](http://www.gov.uk))



## PR.IG.5

### Standards

Records must be kept of irrigation water usage.

### How you will be measured

#### PR.IG.5.a

Primary source of each application identified.

#### PR.IG.5.b

Volume and timing recorded.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Irrigation records



## PR.IG.6

### Standards

Licenses are in place where required for water used on farm.

### How you will be measured

#### PR.IG.6.a

A valid licence or permit is in place for use of any ground water or surface water used for irrigation.

#### PR.IG.6.b

Any licensing conditions (e.g. permitted volume or timing of abstraction) are complied with.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



**PR.ST.1**

### Standards

Storage areas must be managed and maintained in a safe hygienic condition to ensure crops stored do not become contaminated - e.g. glass, hard plastic, etc.

### How you will be measured

#### PR.ST.1.a

Glass and hard plastics are protected from damage.

#### PR.ST.1.b

A glass and Hard Plastic Policy/procedure is in place which: - lists all glass and hard plastics in the storage area on a register - the register is checked on a risk-based frequency for signs of breakage or damage - where glass and hard plastics cannot be covered regular checks (based on a frequency determined by the Risk Assessment) are made to ensure there is no damage - Sets out actions to be taken in the event of a glass breakage and who responds

#### PR.ST.1.c

Long-term, controlled atmosphere stores are kept secure when holding crop.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Glass and Hard Plastic Policy/procedure
  - Glass and hard plastic register
  - Glass and hard plastic check records



## PR.ST.2

### Standards

Temperature and humidity of storage facilities used to store packed product must be monitored and documented to ensure correct storage conditions are maintained.

### How you will be measured

#### PR.ST.2.a

Optimal storage conditions and acceptable ranges are clearly defined for products being stored.

#### PR.ST.2.b

Storage conditions are routinely monitored to ensure conditions are within acceptable range.

#### PR.ST.2.c

Category 0, 1 & 2 only. Documented procedures that set out actions to be taken where storage conditions or product temperatures are found to be outside the acceptable range.

#### PR.ST.2.d

Category 0, 1 & 2 only. All temperature monitoring equipment is routinely calibrated.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Storage and product checks
- Out of temperature procedures
- Calibration records



## PR.ST.3

### Standards

Stored packed product must be rotated to ensure product quality and safety.

### How you will be measured

#### PR.ST.3.a

Stock rotation system is effectively implemented.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



PR.ST.4

### Standards

Product stores must be cleaned each season, inspected and maintained.

#### How you will be measured

##### PR.ST.4.a

Stores are part of annual maintenance and cleaning programme.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK ([www.gov.uk](http://www.gov.uk))



Store maintenance records



PR.ST.5

### Standards

Where PPPs are used as store treatments, all use must be based on qualified recommendation.



Name and BASIS professional register number



PR.ST.6

### Standards

Where PPPs are used as store treatments, operators must be able to demonstrate competence.

#### How you will be measured

##### PR.ST.6.a

NPTC Pesticide Application Certificates or Lantra Awards Level 2 qualification, with modules covering relevant operational area.

##### PR.ST.6.b

Specific alternative training options.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- NPTC/Lantra certificates
- Product specific training from manufacturer



**PR.ST.7**

### **Standards**

Systems must be in place to ensure that post-harvest treatments do not contaminate other products/crops.

#### **How you will be measured**

##### **PR.ST.7.a**

There is awareness of contamination risks and controls are implemented where a risk is identified.

##### **PR.ST.7.b**

Stores that have been treated with CIPC must be clearly labelled with a permanent notice indicating CIPC has been used.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



**PR.ST.7.1**

### **Standards**

It is recommended that contractors used for post-harvest treatment of potatoes are certified to the National Association of Agricultural Contractor's ALBC Post-Harvest Potato Storage Treatment Standard



ALBC Post-Harvest Potato Storage Treatment Standard certificate



**PR.ST.8**

### **Standards**

Where third party storage facilities are being used to hold harvested or packed product a contract or formal agreement must be in place defining storage requirements.

#### **How you will be measured**

##### **PR.ST.8.a**

Contract/agreement, which confirms that third party storage conditions are in line with the Red Tractor Assurance for Farms - Fresh Produce Standards for storage and relevant crop protocols which includes: - allergen status - temperature and storage conditions traceability

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Contract/agreement



**PR.ST.9**

### Standards

Regular checks of storage providers to ensure they are meeting requirements (or a suitable alternative form of assurance) must be in place.

### How you will be measured

#### PR.ST.9.a

Checks are carried out to ensure that the product is being stored in line with the contract/agreement held with the store owner or a valid BRCGS certificate is in place.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Store audits or BRCGS certificate

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Where to find help



AHDB advice on potato store cleaning and managing CIPC residues: <https://ahdb.org.uk/knowledge-library/store-cleaning>



**PR.EE.1**

### Standards

A written energy policy is in place detailing how energy is used and plans are in place to ensure optimal energy consumption

### How you will be measured

#### PR.EE.1.a

Renewable energy options are considered where viable.

#### PR.EE.1.b

Farming equipment is selected and maintained for optimal energy consumption.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Energy Policy



**PR.EE.1.1**

### Standards

It is recommended that a plan is in place to reduce greenhouse gas emissions and sequester carbon where possible (NEW)

### How you will be measured

#### PR.EE.1.1.a

The farm's reduction and sequestration of greenhouse gases is supported with metrics

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



**PR.EE.3**

### **Standards**

A plan for the management of wildlife and conservation of the environment for the farm must be in place and activities implemented on farm

### **How you will be measured**

#### **PR.EE.3.a**

Plan includes activities that: - minimise environmental impact - avoid damage and deterioration to habitats

Public register of waste carriers, brokers and dealers (Wales)<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



Wildlife Management and Environment Conservation Plan



**PR.EE.4**

### **Standards**

Producers must be aware of any practices that have an adverse environmental impact

### **How you will be measured**

#### **PR.EE.4.a**

Important features of biodiversity and conservation value are identified on and around the farm.

#### **PR.EE.4.b**

Practices are adopted to minimise detrimental impact on such features.

#### **PR.EE.4.c**

Consideration has been given to how the environment can be managed for the benefit of the local community, flora and fauna.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



**PR.EE.5**

### Standards

It is recommended that consideration is given to the conversion of unproductive sites to conservation areas for the encouragement of natural flora, fauna and increase of biodiversity

### How you will be measured

#### PR.EE.5.a

Consideration has been given to low lying wet areas, woodlands, headland strip and areas of impoverished soil.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK ([www.gov.uk](http://www.gov.uk))



**PR.EE.6**

### Standards

It is recommended that a baseline audit to understand existing animal and plant diversity on-farm is undertaken



Baseline audit

Where to find help



- To help monitor and measure your GHG emissions, you could use an online calculator – examples include:

[www.cffcarnoncalculator.org.uk](http://www.cffcarnoncalculator.org.uk) and <https://coolfarmtool.org/coolfarmtool/>

## AIM: GENETICALLY MODIFIED ORGANISMS (PR)



### PR.GM.1 Key

#### Standards

There is no production of GM crops unless a valid derogation has been agreed with Red Tractor.

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PR.HS.1

### Standards

Written staff hygiene policies and/or procedures must be in place, communicated to personnel and compliance monitored.

### How you will be measured

#### PR.HS.1.a

Hygiene policy includes: - all harvest personnel to wash hands (with running water and non-perfumed soap) and dry hands before starting work, after breaks and after using toilets - no jewellery except for a plain wedding band, jewellery used for health reasons or religious jewellery with no stones or jewels - no rings or studs worn in exposed parts of the body - no eating, spitting or chewing in cropping areas - no smoking including e-cigarettes and vaping in cropping areas - banning personal phones and watches in the field or production areas has been considered (excludes supervisory staff and lone worker phones) - no excessive make-up, false nails, false eyelashes or hair extensions where they present a contamination risk to the crop - no nail varnish - no perfume or aftershave

#### PR.HS.1.b

Category 0, 1 and 2 only. Reporting of cuts and wounds and the use of blue, metal-detectable plasters, the issue of which is controlled and recorded.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Hygiene Policy
  - Personnel training records/agency labour training records
  - Plaster issue record
-



## PR.HS.2

### Standards

All staff handling crops are given training in the Staff Hygiene Policy as part of the staff induction before starting work.

### How you will be measured

#### PR.HS.2.a

Training covering all applicable requirements of the Hygiene Policy is completed as part of the induction before starting work.

#### PR.HS.2.b

Training covering all applicable requirements of the Return to Work Policy is completed as part of the induction before starting work.

#### PR.HS.2.c

Refresher training in personal hygiene requirements is completed at least annually.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Training records/agency labour training records

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### Standards

All visitors that enter crop production areas must be made aware of any site hygiene and Health and Safety requirements.

#### How you will be measured

##### PR.HS.3.a

Hygiene Policy in place for visitors/contractors.

##### PR.HS.3.b

Systems in place to ensure all visitors/ contractors entering crop production areas have been made aware of Health and Safety requirements.

##### PR.HS.3.c

Category 0, 1 & 2 only. Systems in place to ensure all visitors/contractors entering crop production areas have been made aware of hygiene requirements.

##### PR.HS.3.d

Category 0, 1 & 2 only. Visitors/contractors declare they understand and will comply with the Hygiene Policy.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



Visitor/Contractor Hygiene Policy

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### Standards

Personal Protective Equipment (PPE) appropriate to the crop type being produced must be provided and maintained in good condition. (REVISED)

#### How you will be measured

##### PR.HS.4.a

Personal Protective Clothing (PPE) requirements are clearly defined by the business.

##### PR.HS.4.b

All PPE used is clean and fit for purpose.

##### PR.HS.4.c

If hair is identified as a contamination risk within the Risk Assessment, suitable head coverings are in use (and beard snoods where appropriate).

##### PR.HS.4.d

Where PPE is required to protect the product from contamination, it is captive to the business and not taken home or to employee accommodation.

##### PR.HS.4.e

Where PPE is required to protect the product from contamination, it is not worn in the smoking area or toilets.

##### PR.HS.4.f

Category 0 & 1 only. Where gloves are used, a glove use procedure is in place which includes: - Only intact and clean gloves are used - Glove storage - Staff to discard when torn or heavily soiled - Hand washing before and after gloves are put on

##### PR.HS.4.g

Category 0 only. System for managing the laundering of non-disposable overalls (where these are used to prevent product contamination and not solely for the protection of workers): - laundered by an audited contracted facility or - laundered in-house in a manner that minimises the risk of cross-contamination

##### PR.HS.4.h

There is evidence that the PPE provided is being used by the workers

##### PR.HS.4.i

Suitable changing facilities are provided where necessary. This may not be needed if PPE is worn over existing clothing

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- PPE requirement policy
  - Glove use procedure
  - Contract laundry audit report
-



## PR.HS.5 Key

### Standards

Clean and maintained facilities that are accessible to all personnel and enable them to ensure an appropriate degree of personal hygiene must be provided.

### How you will be measured

#### PR.HS.5.a

There is one toilet available per 10-20 people working at any time.

#### PR.HS.5.b

Facilities provided: - are supplied with non-perfumed soap, water, hand drying facilities (paper towels or equivalent) and toilet paper - are routinely checked to ensure soap, water and paper towel supplies are maintained - are maintained in a clean and usable condition - are within 500m of working or within 5 minutes' walk - have potable water for hand washing that does not pose a risk of contamination

#### PR.HS.5.c

Portable toilets are not placed in close proximity to the crop where there could be a risk of contamination during cleaning or in case of a spill.

#### PR.HS.5.d

Category 0, 1 & 2 only. Where used, hand sanitisers are a complement to handwashing, not a replacement.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Hygiene policy
  - Toilet cleaning records
-



PR.HS.6

### Standards

Written procedures for reporting any infectious diseases must be in place and communicated to personnel and visitors.

#### How you will be measured

##### PR.HS.6.a

Policy in place for all personnel returning to work after gastrointestinal (GI) illnesses.

##### PR.HS.6.b

Policy on GI illnesses and return to work is communicated to personnel (via Hygiene Policy) and visitors/contractors (via Visitor/Contractor Hygiene Policy).

##### PR.HS.6.c

Category 0, 1 & 2 only. Formal recording of all incidences of GI illness is in place.

##### PR.HS.6.d

Category 0, 1 & 2 only. Supervisory/Management staff are trained in assessing risk.

##### PR.HS.6.e

Category 0, 1 & 2 only. Workers complete a Return to Work questionnaire when returning after a period of absence. A manager or supervisor reviews this questionnaire and determines whether the worker may return to work. A counter signature or equivalent record is present to verify this process has occurred.

##### PR.HS.6.f

Category 0 only. At least one member of staff is formally trained in assessing personnel return to work after GI illness.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

- 
- Return to work Policy
  - Hygiene policy
  -  – Visitor/Contractor Hygiene Policy
  - Return to work questionnaire
  - Training records
-



## PR.HS.7

### Standards

All tools, equipment, crates, boxes and transportation used in harvesting must be kept clean and maintained to prevent product contamination.

### How you will be measured

#### PR.HS.7.a

Cleaning schedules are in place that document how and when to clean.

#### PR.HS.7.b

Cleaning takes place away from the crops and irrigation water sources.

#### PR.HS.7.c

Damaged containers are repaired/replaced.

#### PR.HS.7.d

Maintenance schedules are in place for all appropriate equipment including vehicles which are under the member's responsibility and are being used to load and transport produce.

#### PR.HS.7.e

Category 0, 1 & 2 only. When not in use, cleaned containers are stored in a manner that prevents the risk of contamination (e.g. from pests, birds, dust, water, etc.)

#### PR.HS.7.f

Category 0, 1 & 2 only. Only specified food-grade cleaning chemicals and lubricants are used where relevant (e.g. food contact surfaces).

#### PR.HS.7.g

Category 0, 1 & 2 only. When not in use, harvesting equipment is stored in a manner that prevents the risk of contamination.

#### PR.HS.7.h

Category 0 & 1 only. Where containers such as crates and bins are stored outside, systems are in place to protect them from contamination, or they are cleaned and/or disinfected prior to being used for product.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



- Cleaning schedules
  - Cleaning records
  - Maintenance records
-



## PR.HS.8

### Standards

Containers/crates/boxes used to store and transport product must be dedicated to that use.

#### How you will be measured

##### PR.HS.8.a

Product containers/crates/boxes are not used to store any chemicals, waste or other debris that could contaminate product. NB: waste does not include waste product.

##### PR.HS.8.b

Category 0 & 1 only. Overfilling of containers and bins is avoided to prevent transfer of contaminants onto product during stacking.

##### PR.HS.8.c

Category 0 & 1 only. Excessive dirt or mud is removed from containers during harvest.

##### PR.HS.8.d

Category 0 & 1 only. Harvesting containers/crates are not placed directly on the ground (with the exception of wooden field crates).

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



## PR.HS.9

### Standards

Suitability of multi-purpose trailers must be assessed as part of the Risk Assessment and trailers are cleaned prior to being used to transport product.

#### How you will be measured

##### PR.HS.9.a

Cleaning is considered within the Risk Assessment.

##### PR.HS.9.b

Cleaning procedures are in place and cleaning records are kept.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Risk Assessment
- Cleaning Procedures
- Cleaning records



**PR.HS.10**

### **Standards**

Controls must be in place to protect product from contamination with any broken glass, hard plastic, wood or other foreign bodies.

### **How you will be measured**

#### **PR.HS.10.a**

Where glass and hard plastics cannot be covered e.g. tractors and trailers, regular checks are made to ensure there is no damage.

#### **PR.HS.10.b**

Containers, crates and boxes are checked prior to filling.

#### **PR.HS.10.c**

Damaged wooden crates, pallets or trays are repaired or disposed of.

#### **PR.HS.10.d**

Category 0, 1 & 2 only. All staff are trained in how to deal with glass/hard plastic breakages and understand the Glass and Hard Plastic Policy/Procedure.

#### **PR.HS.10.e**

Category 0, 1 & 2 only. Written procedures are in place for handling glass and hard plastic in glasshouses and regular checks are carried out to ensure there is no damage.

#### **PR.HS.10.f**

Category 0, 1 & 2 only. Written procedures for how to deal with any glass and hard plastic breakages are in place.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Glass and hard plastic checks records
  - Glass breakage policy/procedure
  - Training records
-



## PR.HS.11

### Standards

Controls must be in place to prevent the risk of product contamination from knives and cutting blades, secateurs, maintenance tools, gloves and plasters.

### How you will be measured

#### PR.HS.11.a

Equipment is managed to ensure that it does not represent a risk of contamination to product through loss or damage.

#### PR.HS.11.b

System to manage knives, blades and tools is in place which includes: - controlled issue and collection at end of shifts - routine inspection of blades for damage - lost items investigated

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Knife issue record (where used)



## PR.HS.12

### Standards

Daily start-up checks are completed for harvesting operations to ensure that any risks to product are identified and addressed.

### How you will be measured

#### PR.HS.12.a

Documented checks of harvesters and other relevant vehicles and harvesting equipment are completed before harvesting commences to ensure no product contamination risks are present - examples include but are not limited to: - glass and plastic breakages - cleanliness of food contact surfaces - fluid leaks (e.g. oil, hydraulic fluid)

#### PR.HS.12.b

Documented checks of harvest workers are completed to ensure they are compliant with staff hygiene policies and procedures.

#### PR.HS.12.c

Where issues are identified, documented follow up actions are taken to manage any risk to product or personnel.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Daily start-up checks



## PR.HS.13

### Standards

A written procedure must be in place that details actions to be taken in the event of identification of contamination in a field crop.

### How you will be measured

#### PR.HS.13.a

Contamination procedure in place, including glass, foreign objects, oil, diesel, wood, metal, dead animals and bird & animal excrement and any other potential contaminants deemed to be relevant.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Contamination procedure



## PR.HS.14

### Standards

Procedures must be in place to ensure packaging used is clean and free from contamination.

### How you will be measured

#### PR.HS.14.a

Documented packaging controls are defined.

#### PR.HS.14.b

Packaging is checked before use.

#### PR.HS.14.c

Packaging is stored in a clean area, free from any contamination risks and is not stored directly on the field or floor of rigs, trailers, etc.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Documented controls for packaging



## PR.HS.15

### Standards

Transportation and temporary storage of harvested products must be managed to minimise contamination risks.

### How you will be measured

#### PR.HS.15.a

Harvested product is covered during transport and during any temporary, outdoor storage except where risk-based mitigations apply.

#### PR.HS.15.b

Harvested product is not left in the field over night.

#### PR.HS.15.c

Category 0, 1 & 2 only. Materials used for covering, if reused, are cleaned between uses.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



## PR.HS.16

### Standards

Where product temperature is identified as a food safety or quality control within the Risk Assessment, product is cooled as soon as possible after harvest and in accordance with the defined cooling parameters.

### How you will be measured

#### PR.HS.16.a

Any relevant temperatures and cooling times are defined by the Risk Assessment.

#### PR.HS.16.b

Adequate cooling facilities are present to allow product to be cooled in accordance with defined cooling parameters.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Risk Assessment



**PR.HS.17**

### **Standards**

All non-produce waste must be removed from fields and disposed of appropriately.

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Where to find help



For more information on microbiological contamination risks, visit:

<http://freshproduceportal.foodstandards.gov.scot/resources>

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PR.PP.1

### Standards

Written hygiene policies and procedures must be in place, communicated to personnel and compliance monitored.

### How you will be measured

#### PR.PP.1.a

Hygiene policy includes: - personnel to wash hands (with running water and non-perfumed soap) and dry hands before starting work, after breaks and after using toilets - no jewellery except for a plain wedding band, jewellery used for health reasons or religious jewellery with no stones or jewels - no rings or studs worn in exposed parts of the body - no nail varnish - no perfume or aftershave - no eating, spitting or chewing in production areas - no smoking including e-cigarettes and vaping in production areas - banning personal phones and watches in production areas has been considered (excludes supervisory staff and lone worker phones) - no excessive make-up, false nails, false eyelashes or hair extensions where they present a contamination risk

#### PR.PP.1.b

Crop category 0, 1 and 2 only. Reporting of cuts and wounds and the use of blue, metal-detectable plasters, the issue of which is controlled and recorded.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Hygiene Policy
- Plaster issue record



## PR.PP.2

### Standards

All personnel handling fresh produce must be trained in personal hygiene requirements.

#### How you will be measured

##### PR.PP.2.a

Training covering all applicable requirements of the Hygiene Policy is completed as part of the induction before starting work.

##### PR.PP.2.b

Training covering all applicable requirements of the Return to Work Policy is completed as part of the induction before starting work.

##### PR.PP.2.c

Refresher training in personal hygiene requirements is completed at least annually.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK ([www.gov.uk](http://www.gov.uk))



Training records/agency labour training records



## PR.PP.3

### Standards

All visitors entering production areas must be made aware of the hygiene and Health and Safety requirements.

#### How you will be measured

##### PR.PP.3.a

Hygiene policy in place for visitors/contractors.

##### PR.PP.3.b

Systems in place to ensure all visitors/contractors on site have been made aware of Health and Safety requirements.

##### PR.PP.3.c

Crop category 0, 1 and 2 only. Procedure in place to ensure all visitors/contractors on site have been made aware of Hygiene Policy.

##### PR.PP.3.d

Crop category 0, 1 and 2 only. Visitors/contractors declare that they understand and will comply with the Hygiene Policy.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Visitor/contractor Hygiene Policy



**PR.PP.4**

### **Standards**

Signs must be clearly displayed in the packing facilities which describe the main hygiene instructions for workers and visitors.

### **How you will be measured**

#### **PR.PP.4.a**

Signs are present and appropriately positioned, communicating main hygiene instructions.

#### **PR.PP.4.b**

Specific signs communicate the need to wash hands after using the toilet.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
([www.gov.uk](http://www.gov.uk))

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### Standards

Personal Protective Equipment (PPE) appropriate to the crop type being produced must be provided and maintained in good condition.

#### How you will be measured

##### PR.PP.5.a

Personal Protective Clothing (PPE) requirements are clearly defined by the business.

##### PR.PP.5.b

All PPE used is clean and fit for purpose.

##### PR.PP.5.c

If hair is identified as a contamination risk within the Risk Assessment, suitable head coverings are in use (and beard snoods where appropriate).

##### PR.PP.5.d

Where PPE is required to protect the product from contamination, it is captive to the business and not taken home or to employee accommodation.

##### PR.PP.5.e

Where PPE is required to protect the product from contamination, it is not worn in the smoking area or toilets.

##### PR.PP.5.f

Crop category 0 and 1 only. Where gloves are used, a glove use procedure is in place which includes: - Only intact and clean gloves are used - Glove storage - Staff to discard when torn or heavily soiled - Hand washing before and after gloves are put on

##### PR.PP.5.g

Crop category 0 only. System for managing the laundering of non-disposable overalls (where these are used to prevent product contamination and not solely for the protection of workers): - laundered by an audited contracted facility or - laundered in-house in a manner that minimises the risk of cross-contamination

##### PR.PP.5.h

There is evidence that the PPE provided is being used by the workers

##### PR.PP.5.i

Suitable changing facilities are provided where necessary. This may not be needed if PPE is worn over existing clothing

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- PPE requirement policy
  - Glove use procedure
  - Contract laundry audit report
-



## PR.PP.6

### Standards

Clean and maintained facilities that are accessible to all personnel and enable them to ensure an appropriate degree of personal hygiene must be provided.

### How you will be measured

#### PR.PP.6.a

For every 20 workers there is a minimum of one toilet provided.

#### PR.PP.6.b

Toilets are adequately separated from the packing and storage environment.

#### PR.PP.6.c

Facilities: - provide non-perfumed soap, water, hand drying facilities (paper towels or equivalent) and toilet paper - are routinely checked to ensure soap, water and paper towel supplies are maintained - are maintained in a clean and usable condition and toilet cleaning records kept

#### PR.PP.6.d

Water used in hand washing is potable and does not pose a risk of contamination.

#### PR.PP.6.e

Crop category 0, 1 and 2 only. Hand sanitisers do not replace handwashing and have only been used after hands are washed.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Hygiene Policy
  - Toilet cleaning records
-



PR.PP.7

### Standards

Written procedures for reporting any infectious diseases must be in place and communicated to personnel and visitors

#### How you will be measured

##### PR.PP.7.a

Policy in place for all personnel returning to work after Gastrointestinal (GI) illnesses.

##### PR.PP.7.b

Policy on GI illnesses and return to work is communicated to personnel (via Hygiene Policy) and visitors/contractors (Visitor/Contractor Hygiene Policy).

##### PR.PP.7.c

Crop category 0, 1 and 2 only. Formal recording of all incidences of GI illness is in place.

##### PR.PP.7.d

Crop category 0, 1 and 2 only. Supervisory/Management staff are trained in assessing risk.

##### PR.PP.7.e

Crop category 0, 1 and 2 only. Workers complete a Return to Work questionnaire when returning after a period of absence. A manager or supervisor reviews this questionnaire and determines whether the worker may return to work. A counter signature or equivalent record is present to verify this process has occurred.

##### PR.PP.7.f

Crop category 0 only. At least one member of staff is formally trained in assessing personnel return to work after GI illness.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

- 
- Return to work Policy
    - Hygiene policy
    - Visitor/Contractor Hygiene Policy
    - Return to work assessments
    - Training records



### Standards

Produce handling, loading, transporting, packing and storage facilities, including boxes, must be kept clean and routinely maintained to prevent product contamination.

### How you will be measured

#### PR.PP.8.a

Cleaning schedules are in place that document how and when to clean all pieces of equipment.

#### PR.PP.8.b

Graders and washing equipment and vehicles which are under the member's responsibility and are being used for loading and transport of product are maintained and inspected daily when in use.

#### PR.PP.8.c

Floors are fit for purpose and gently sloped towards the drains.

#### PR.PP.8.d

Drains are cleaned periodically to prevent biofilm build-up.

#### PR.PP.8.e

Waste is disposed of at a frequency that discourages flies.

#### PR.PP.8.f

Crop category 0, 1 and 2 only. Staff are trained in cleaning requirements.

#### PR.PP.8.g

Crop category 0, 1 and 2 only. When not in use, cleaned containers are stored in a manner that prevents the risk of contamination (e.g. from pests, birds, dust, water, etc.).

#### PR.PP.8.h

Crop category 0 and 1 only. Floors are kept as dry as possible to minimise Listeria risk.

#### PR.PP.8.i

Crop category 0 and 1 only. Pooling of water is avoided.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

- 
- Cleaning schedules
  -  – Cleaning records
  - Grader/washing equipment/vehicle maintenance records
  - Training records
-



## PR.PP.9

### Standards

Water used post-harvest in direct contact with the product (including ice) must be deemed acceptable by the Water Matrix and Risk Assessment and is stored in a clean container.

### How you will be measured

#### PR.PP.9.a

Risk assessment identifies any water used in direct contact with the product.

#### PR.PP.9.b

Quality of water used meets the requirements of the Water Matrix.

#### PR.PP.9.c

Any tanks or containers used for storing water are managed to ensure that they do not introduce a microbiological risk.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Risk Assessment



## PR.PP.10

### Standards

Water analysis is completed by an ISO 17025 laboratory, test results are monitored and actions taken on poor results.

### How you will be measured

#### PR.PP.10.a

Evidence that laboratory is accredited to ISO 17025 for microbiological testing of water.

#### PR.PP.10.b

Evidence of test results and evidence of actions taken for any adverse results.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Laboratory accreditation information (paper record or electronic)
- Water testing results



## PR.PP.11

### Standards

Chemicals and lubricants used must be authorised for food industry use and technical data sheets held and stored in a dedicated area.

### How you will be measured

#### PR.PP.11.a

Technical data sheets confirm chemicals/lubricants are authorised for food industry use.

#### PR.PP.11.b

Chemicals/lubricants are stored in an appropriate secure area when not in immediate use.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
([www.gov.uk](http://www.gov.uk))



Technical data sheets

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## PR.PP.12

### Standards

Controls must be in place to protect product from contamination with any broken glass, hard plastic, wood or other foreign bodies.

### How you will be measured

#### PR.PP.12.a

Glass and hard plastics are protected in areas with open product.

#### PR.PP.12.b

A Glass and Hard Plastic Policy/Procedure is in place which: - lists all glass and hard plastics in the production area on a register - register is checked monthly for accuracy - where glass and hard plastics cannot be covered regular checks (based on a frequency determined by the Risk Assessment) are made when in use to ensure there is no damage - sets out actions to be taken in the event of a glass breakage

#### PR.PP.12.c

Pre-production check sheets ensure staff check equipment and their area at the start of shift for any damage that could introduce contamination into the product.

#### PR.PP.12.d

Containers, crates and boxes are checked prior to filling.

#### PR.PP.12.e

Damaged wooden crates, pallets or trays are repaired or disposed of.

#### PR.PP.12.f

All staff are trained in how to deal with glass and hard plastic breakages and understand the Glass and Hard Plastic Policy/Procedure.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))

- 
- Glass and Hard Plastic Policy/Procedure
    - Glass and hard plastic register
    - Glass and hard plastic check records
    - Pre-production check sheets
    - Training records





## PR.PP.13

### Standards

Controls must be in place to prevent the risk of product contamination from knives, cutting blades, maintenance tools, gloves and any other relevant equipment.

### How you will be measured

#### PR.PP.13.a

Equipment is managed to ensure that it does not represent any risk of contamination to products through loss or damage.

#### PR.PP.13.b

System to manage knives, blades and tools includes: - controlled issue and collection at end of shifts - routine inspection of blades for damage - lost items investigated

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Knife issue record



## PR.PP.14

### Standards

Containers/crates/boxes used to store product must be dedicated for that purpose.

### How you will be measured

#### PR.PP.14.a

Product containers/crates/boxes are not used to store any chemicals, waste or other debris that could contaminate product. NB: Waste does not include waste product.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



## PR.PP.15

### Standards

Controls must be in place to ensure packaging is suitable for product, clean and free from contamination.

### How you will be measured

#### PR.PP.15.a

Packaging stored in a clean area, free from any contamination risks.

#### PR.PP.15.b

Packaging checked before use.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK ([www.gov.uk](http://www.gov.uk))



## PR.PP.16

### Standards

Controls must be in place to ensure that the correct packaging and coding is applied to all packed product.

### How you will be measured

#### PR.PP.16.a

When final packing takes place, product labelling is done in accordance to applicable food regulations in the country of intended sale and according to customer specifications.

#### PR.PP.16.b

Products originating from certified operations are not labelled, marked or described in a manner which implies they meet specific food criteria.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Documented controls for packaging



## PR.PP.17

### Standards

Equipment used for weighing or temperature control of product must be calibrated in line with equipment suppliers' recommendations and verified where deemed necessary by risk assessment.

### How you will be measured

#### PR.PP.17.a

Equipment is: - uniquely identified - routinely calibrated, in line with supplier's instructions - routinely verified internally, in line with risk assessment

Public register of waste carriers, brokers and dealers (Wales)<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK([www.gov.uk](http://www.gov.uk))



- Calibration records
- Verification records



## PR.PP.18

### Standards

Controls must be in place to ensure that products are not contaminated with allergens.

### How you will be measured

#### PR.PP.18.a

Allergens on site have been identified as part of the Risk Assessment (including lubricants).

#### PR.PP.18.b

Preventative actions are in place which prevent products being contaminated with allergens.

#### PR.PP.18.c

Staff are trained in the importance of the preventative actions and actions to be taken in the event of a failure.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Allergen risk assessment
- Training records



## PR.PP.19

### Standards

Where preventative actions cannot guarantee a product is not contaminated with a known allergen on site, the product is labelled.

### How you will be measured

#### PR.PP.19.a

Identification of such products and effective labelling in place.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



Product labels



## PR.PP.20

### Standards

It is recommended that forklifts and other driven equipment used within the packhouse are maintained to avoid product contamination, with special attention given to emissions

## AIM: PRODUCE WASHING (PR)



### PR.PW.1

#### Standards

Water used post-harvest for product washing or other process where it is in direct contact with the product (including ice) must be deemed as acceptable by the Water Matrix and Risk Assessment.

#### How you will be measured

##### PR.PW.1.a

Risk Assessment identifies any water used in direct contact with the product.

##### PR.PW.1.b

Quality of water used meets the requirements of the Water Matrix.

##### PR.PW.1.c

Any tanks or containers used for storing water are managed to ensure that they do not introduce a microbiological risk.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Risk Assessment



### PR.PW.2

#### Standards

Water analysis is completed by an accredited laboratory, test results are monitored and actions taken on poor results.

#### How you will be measured

##### PR.PW.2.a

Evidence that laboratory is accredited to ISO 17025 for microbiological testing of water.

##### PR.PW.2.b

Water test results are available.

##### PR.PW.2.c

Results are compared to the Red Tractor Water Matrix with documented evidence of follow up action if results do not meet parameters.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



- Laboratory accreditation information (paper record or electronic)  
– Water testing results



### PR.PW.3

#### Standards

Where water is recirculated, a documented water treatment process must be in place to ensure the water remains suitable for product contact.

#### How you will be measured

##### PR.PW.3.a

Water treatment process defined.

##### PR.PW.3.b

Documented records demonstrate the effective implementation of a water treatment process.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Water treatment records



### PR.PW.4

#### Standards

Category 0, 1 & 2 only.

Wash processes are designed and managed to ensure product may not be cross contaminated by soiled product from an earlier stage in the process.



### PR.PW.5

#### Standards

Members hold a valid Environmental Permit where required for discharge of water from post-harvest processes.

#### How you will be measured

##### PR.PW.5.a

A valid Environmental Permit is in place for discharge of waste water from post-harvest processes.

##### PR.PW.5.b

The business is compliant with any conditions of the Environmental Permit.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Environmental Permit



## PR.HO.1

### Standards

Each pocket or bale must be correctly labelled or marked.

### How you will be measured

#### PR.HO.1.a

It is possible to trace the following for each bale or pocket of hops: - variety & field name (permitting reference to the record of pesticide applications) - harvest date - kiln or oast number (if appropriate) - time & date of drying - weight of pocket or bale (and from which core samples were taken) - date put into storage or dispatched

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Hop pocket/bale traceability records



## PR.HO.2

### Standards

Hop picking and cleaning machines, and conveyors of both green and dried hops, are cleaned before harvest each season and that this is recorded.



Cleaning records for picking/cleaning/conveying machines



## PR.HO.3

### Standards

Analysis of water (for irrigation or other processes where there is direct product contact) must be in accordance with the Water Matrix and the analysis completed must be within the Detail of Accreditation of an ISO 17025 accredited laboratory.



Water testing results



#### PR.HO.4

##### Standards

Kiln burners must be checked annually and serviced to ensure efficient operation and to prevent fuel aerosols from fouling the crop.

##### How you will be measured

###### PR.HO.4.a

Air heating system for kiln dryers and temperature controls are maintained and calibrated annually to ensure proper drying and efficient energy use.

###### PR.HO.4.b

Where diesel is used as a fuel source, documented servicing occurs to ensure clean exhaust, and minimal soot and odour.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Kiln burner service records



#### PR.HO.5

##### Standards

The choice of variety is based upon acceptable agronomic performance appropriate to the local conditions - based upon information from official trials, rootstock supplier or customer requirement.



Varietal information, based on official trials or received from supplier or customer



#### PR.HO.6

##### Standards

Traceability records must be available for all purchased rootstock, including supplier, origin, variety name, and virus-free/quality statement (if applicable).



Rootstock traceability records



#### PR.HO.7

##### Standards

Traceability records must be available for on-farm sourced rootstock, including variety name, and traceability back to mother yards.



Rootstock traceability records



**PR.HO.8**

### Standards

Practices and procedures are in place to prevent co-mingling of varieties during propagation.

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Procedures to maintain varietal purity

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**PR.HO.9**

### Standards

It is recommended that lockers are provided for employees to store personal belongings while working and that lockers are stored away from harvesting, handling and storage areas

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**PR.HO.10**

### Standards

Worker toilets are inspected on a daily basis and cleaned as required to ensure all consumables (e.g. soap, toilet paper, hand towels) are present and toilets are in a suitably hygienic condition.

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Daily toilet inspection

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**PR.HO.11**

### Standards

Fire safety precautions are implemented within harvesting facilities.

#### How you will be measured

##### PR.HO.11.a

Fire extinguishers are present within harvesting facilities and are freely accessible.

##### PR.HO.11.b

Employees are trained at least annually on emergency action plans.

##### PR.HO.11.c

At least one person present during harvesting operations has received fire extinguisher training.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))

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Training record

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**PR.HO.12**

### Standards

When harvesting at night, additional steps are taken to protect safety of workers, including lighting of harvesting equipment and reflective PPE or personal lighting to maintain visibility.

Not relevant where no night-time harvesting occurs.

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**PR.HO.13**

**Standards**

Where workers handling hops are issued with disposable shoe covers or gloves, clean PPE is issued at the start of the day and is replaced when torn or contaminated.

Not relevant where such PPE is not in use.

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**PR.HO.14**

**Standards**

Where risk assessment identifies a need for workers in hop harvesting and handling facilities to wear specific PPE, including:

- head protection
- leg protection (e.g. chainsaw chaps)
- hearing protection
- respiratory equipment

this is inspected prior to use and damaged or compromised PPE is discarded and replaced.

Not relevant where such PPE is not in use.

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**PR.HO.15**

**Standards**

All PPE is stored in a clean and designated area away from potential sources of contamination when not in use.

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**PR.HO.16**

**Standards**

Where natural air or sun is used for the drying of harvested hops in the field, the producer has implemented adequate measures to prevent physical contamination, prevent pest ingress and maintain product integrity.

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**PR.HO.17**

**Standards**

Temperature probes and moisture monitoring equipment are inspected prior to use and calibrated to a defined frequency.

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Calibration records

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**PR.HO.18**

**Standards**

Optimum drying parameters (e.g. drying temperatures, kiln bed depths, and drying duration) are identified, implemented and recorded to ensure good final product quality, and efficient energy.

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Drying records

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#### PR.HO.19

##### Standards

Kiln drying facilities are managed to protect the welfare of workers.

##### How you will be measured

###### PR.HO.19.a

Kiln drying facilities are ventilated to prevent excessive heat and moisture build-up.

###### PR.HO.19.b

Workers in kiln facilities are given an adequate number of breaks from extreme temperature environment.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



#### PR.HO.20

##### Standards

Where vehicles and transportation equipment (e.g. forklifts, telehandlers, etc.) are stored in hop harvesting or handling facilities during the off-season, precautions are taken to protect areas and surfaces which may come into contact with the product.



#### PR.HO.21

##### Standards

Packaging materials protect food safety (polycloth, food grade burlap, Mylar aluminum foil, etc.) and are stored in a clean and hygienic area.



#### PR.HO.22

##### Standards

Methods are in place for detecting and removing metals prior to product being packaged.

##### How you will be measured

###### PR.HO.22.a

In-line magnets are installed based on risk assessment to control metal from making its way into finished product.

###### PR.HO.22.b

Magnets are inspected routinely and findings are documented.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



In-line magnet inspection records



**PR.HO.23**

### Standards

Refrigerated containers used to store or transport hop bales are inspected and verified as clean and in good working condition before use.

Not relevant where refrigerated containers are not used.

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Refrigerated container inspection record

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**PR.HO.24**

### Standards

Pest monitoring/vermin control continues out of season.

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Checks of pest monitoring points

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**PR.HO.25**

### Standards

Finished bale weights must be effectively checked.

#### How you will be measured

##### PR.HO.25.a

Finished bale weights are checked and documented by batch.

##### PR.HO.25.b

Weighing scales are calibrated to a defined frequency and records are available.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))

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- Bale weight check records
  - Scale calibration
- 



**PR.HO.26**

### Standards

Where product quality parameters are analysed by a third-party laboratory against industry standards or customer specifications (e.g. alpha acids, H.S.I, moisture, seed, leaf, and stem), analysis records are kept and can be linked to batch.

Not relevant where such analysis is not completed.

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Product analysis records

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**PR.HO.27**

**Standards**

Documented procedures are in place to identify, segregate and - where appropriate - rework any non-conforming product.

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Procedures for non-conforming product

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PR.WC.1

### Standards

Site Risk Assessments (RA.6) for watercress producers must consider additional, crop specific risks. Preventive actions or mitigation steps are documented where relevant.

### How you will be measured

#### PR.WC.1.a

The following risks are considered within Site Risk Assessments (where relevant): - the possibility of runoff of contaminated water from nearby land, roads and on-site tracks - access by animals (domestic or wild) to the production site, including with humans on rights of way - access of animals (domestic or wild) to water sources used in watercress production and associated operations - the possibility of manure storage, spreading and composting operations close to production sites - the possibility of airborne microbial contamination eg in aerosols from slurry spreading and dust from intensive livestock units, both of which may contain pathogens harmful to human health - the possibility of microbial contamination from organic wastes applied to nearby land eg waste/digestate from anaerobic digesters and sewage sludge/biosolids - the possibility of the production site being flooded with water that may be contaminated, for example where rivers and streams contain upstream discharges from sewage works, septic tanks etc or where there are livestock in the catchment - human habitation close to production sites eg discharges from drains or access by domestic animals - public sewers and foul drains, both on-site and off-site nearby - sewage treatment facilities, both public and private, close to or on production sites (both currently and in the past) eg STWs, septic tanks, package treatment plants and cess pits - hazardous waste sites close to watercress production sites (both currently and in the past) - industrial and mining sites close to watercress production sites (both currently and in the past)

#### PR.WC.1.b

Personnel completing Site Risk Assessment are demonstrably competent and have adequate knowledge of the business.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Site Risk Assessment(s)



**PR.WC.2**

### **Standards**

Measures are in place to manage risks to crop from livestock and wildlife.

#### **How you will be measured**

##### **PR.WC.2.a**

Effective physical barriers (e.g. suitable fencing, gates, cattle grids) at all access points adjacent to livestock areas.

##### **PR.WC.2.b**

Measures to control contamination from wildlife are present that are commensurate to risk.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

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**PR.WC.3**

### **Standards**

Measures must be in place to reduce the risk of liver fluke entering the crop.

#### **How you will be measured**

##### **PR.WC.3.a**

There is demonstrable evidence of strategies to manage the risk of liver fluke, including: - control risk from ingress of surface water - preventative action to exclude mud snails from production beds - effective physical barriers are in place to prevent all livestock gaining access to production sites

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)

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**PR.WC.4**

### **Standards**

Where there is a risk of leakage from foul drains contaminating the crop, drains under the grower's control must be tested annually for leaks, and immediately if a leak is suspected.

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## PR.WC.5

### Standards

Where there is evidence that surface water (run-off from surrounding land or flooding from watercourses) or livestock / wildlife have entered the crop and pose a risk to food safety, follow up actions are implemented and recorded.

### How you will be measured

#### PR.WC.5.a

Record and do not harvest where there is evidence that surface water (run-off from surrounding land or flooding from watercourses) has entered the crop.

#### PR.WC.5.b

Staff involved in production are trained to report significant incursions into the crop by livestock and wildlife.

#### PR.WC.5.c

Incursion into the crop by livestock or wildlife that requires remedial action including non-harvesting of crop must be recorded.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

([www.gov.uk](http://www.gov.uk))



- Incident records and remedial actions
  - Training programme
-



## PR.WC.6

### Standards

Additional, watercress specific controls are in place to manage water quality in production beds.

#### How you will be measured

##### PR.WC.6.a

All water used in crop production and associated activities (including inhouse propagation and washing of substrate) must be sourced from boreholes, artesian wells or springs, or be potable.

##### PR.WC.6.b

Water sources are protected from contamination.

##### PR.WC.6.c

Water sources and distribution systems are mapped.

##### PR.WC.6.d

All water entering production beds must be tested a minimum of four times a year (tests distributed across the production season) or in the case of sources which run intermittently, across the period when they are flowing.

##### PR.WC.6.e

The following water testing criteria is applied: Generic E. coli: - Target: 100 cfu/100ml Where the result is 10-100 cfu/100ml, re-test, record the result and if not returned to the target level, investigate the source of contamination and record the result of the investigation. Where the result is >100 cfu/100ml, crop production using that source shall stop and water be tested for presence of Salmonella and E. coli O157.

##### PR.WC.6.f

Test results must be trended and kept for a minimum of 5 years.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:

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- 
- Maps of water source/distribution system



- Water test results
- Trending of test results
- Records of investigations



## PR.WC.7

### Standards

The water in production beds must be flowing.



**PR.WC.8**

### **Standards**

Members hold a valid Environmental Permit where required for discharge of water from watercress beds.

### **How you will be measured**

#### **PR.WC.8.a**

A valid Environmental Permit is in place for discharge of waste water from watercress beds.

#### **PR.WC.8.b**

The business is compliant with any conditions of the Environmental Permit.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



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**PR.WC.9**

### **Standards**

Bought-in propagation material is produced in accordance with the principles of Good Agricultural Practice.

### **How you will be measured**

#### **PR.WC.9.a**

Batches of bought-in propagation material are produced in accordance with 'The Industry Guide to Good Hygiene Practice for Watercress' and this is verified through a certificate or declaration from supplier.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Certificate/declaration for bought-in propagation material



## PR.WC.10

### Standards

Seed must be stored in such a way as to prevent contamination by insects and other animals. Seed must be inspected before use and any damaged seed must not be used.

### How you will be measured

#### PR.WC.10.a

Storage facilities must be kept in good repair and be checked regularly for infestation.

Public register of waste carriers, brokers and dealers (Wales): <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Records of seed inspection



## PR.WC.11

### Standards

Traceability systems allow for retrospective traceability of all seeds, seedlings and cuttings.

### How you will be measured

#### PR.WC.11.a

Documented traceability records effectively identify all seed, seedling and cutting by batch.

#### PR.WC.11.b

Batch information recorded effectively links all seed, seedling and cutting back to source.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



Traceability records



## PR.WC.12

### Standards

The source of each batch of substrate material must be known and recorded. Any treatments must be recorded.



- Substrate traceability records
- Records of substrate treatment



## PR.WC.13

### Standards

Each batch of substrate material used for propagation must be verified as free from pathogens.

### How you will be measured

#### PR.WC.13.a

Each batch of substrate is tested against the following parameters (either inhouse or by supplier): -  
Generic E. coli:

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
(www.gov.uk)



Substrate test results of certificate of conformity



## PR.WC.14

### Standards

Bed substrate must be stored in a manner that prevents contamination.



## PR.WC.15

### Standards

Fertilisers containing organic materials must have undergone suitable treatment and meet required criteria.

### How you will be measured

#### PR.WC.15.a

Fertiliser is tested against the following parameters (either inhouse or by supplier): - Target

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
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- Method of treatment
- Test result or certificate of compliance from producer



## PR.UR.1

### Standards

Fertiliser containing urea must only be applied where the following requirements are met (NEW)

#### How you will be measured

##### PR.UR.1.a

Protected/inhibited fertilisers containing solid urea can be applied within any product use by/best before dates

##### PR.UR.1.b

Protected/inhibited fertilisers containing liquid urea can be applied with the prescribed rate of protector/inhibitor for the application, and within any product use by/best before date

##### PR.UR.1.c

In England, unprotected/uninhibited solid fertiliser containing urea can only be applied between 15th January and 31st March

##### PR.UR.1.d

In England, unprotected/uninhibited liquid fertiliser containing urea can be applied between 15th January and 31st March

##### PR.UR.1.e

In England, unprotected/uninhibited liquid fertiliser containing urea can be applied between 1st April and last application in autumn\* only if agronomic justification is provided by FACTS-qualified farm personnel\*\* or if Advice specific for the crop has been provided by a FACTS-Qualified Adviser and been followed (see EC 9.1)

##### PR.UR.1.f

In Northern Ireland, Scotland and Wales fertiliser containing urea (solid and liquid) can be applied as per relevant legislation

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



Application records

Name and FACTS professional register number

Recommendation sheet for applications

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**PR.GG.1**

### Standards

A procedure is in place to manage and control documents and records (NEW)

### How you will be measured

#### PR.GG.1.a

A system is in place which demonstrates how documents and records are created, reviewed, approved and updated

#### PR.GG.1.b

Documentation shall be identified with an issue number and/or date and appropriately paginated

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



**PR.GG.2**

### Standards

Category 0 & 1 only

A risk-based microbial environmental monitoring program is in place for post-harvest product handling areas (NEW)



**PR.GG.3**

### Standards

Where growers are using the GLOBALG.A.P. logo, use must be in accordance with the "GLOBALG.A.P. trademarks use: Policy and guidelines" (NEW)

### How you will be measured

#### PR.GG.3.a

Transaction documentation includes reference to the GLOBALG.A.P. status and number (GGN)

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: (www.gov.uk)



**PR.GG.4**

### Standards

Energy use on farm is monitored and data is used to inform energy management (NEW)



**PR.GG.5**

### Standards

Customer specifications are available for the product being harvested / packed (NEW)



**PR.GG.6**

**Standards**

Human sewage sludge has not been applied to land in the past 5 years, including treated biosolids (NEW)

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**PR.PC.1**

### Standards

Appropriate entrance controls for workers and visitors entering protected crop production areas are defined and implemented.

### How you will be measured

#### PR.PC.1.a

A documented entrance procedure is in place for admitting workers and visitors to crop production areas.

#### PR.PC.1.b

Consideration is given within the entrance procedure to plant health and bio-security risks and additional controls are implemented where appropriate.

#### PR.PC.1.c

Category 0 & 1 only. All workers entering crop production areas – including administrative and maintenance staff – have been trained against the Staff Hygiene Policy.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



- Entrance procedure for protected crop production areas
  - Staff training records
-



## PR.PC.2

### Standards

Risk based cleaning programmes are in place for permanent and reusable surfaces and structures which are in direct contact with fresh produce or in indirect contact with the potential to pose a risk to food safety.

### How you will be measured

#### PR.PC.2.a

A documented cleaning programme, including method and frequency of cleaning is in place.

#### PR.PC.2.b

Category 0 & 1 only. Cleaning records are in place, demonstrating that cleaning activities have been completed.

Public register of waste carriers, brokers and dealers (Wales) <https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK ([www.gov.uk](http://www.gov.uk))



- Documented cleaning programme
- Cleaning records



## PR.PC.3

### Standards

E. coli testing must be used to monitor and verify the safety of end products for category 0 crops. Testing must be performed by a UKAS accredited laboratory (or another ISO 17025 standard) with E. coli testing of food samples within the scope of accreditation.

### How you will be measured

#### PR.PC.3.a

Category 0 only. Samples of end products are tested for presence of E. coli to a defined frequency.

#### PR.PC.3.b

Category 0 only. Non-conforming test results lead to follow up actions to manage any risk to crop.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK: ([www.gov.uk](http://www.gov.uk))



**PR.PC.4**

### **Standards**

Members hold a valid Environmental Permit where required for discharge of water from irrigation systems.

### **How you will be measured**

#### **PR.PC.4.a**

A valid Environmental Permit is in place for discharge of waste water from irrigation systems.

#### **PR.PC.4.b**

The business is compliant with any conditions of the Environmental Permit.

Public register of waste carriers, brokers and dealers (Wales):

<https://naturalresources.wales/permits-and-permissions/waste-carriers-brokers-and-dealers-public-register-the-amazingtruthanouttesting/?lang=en> Protecting our water, soil and air – GOV.UK:  
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