

**Appendix 23**

**Guidance for Intakes (food/feed) and Suppliers (merchants and product stores) Outlining the Action taken after Contaminated Goods are Identified with Hazardous Impurities**

Contamination of hazardous impurities can be identified in goods (combinable crops or raw materials) throughout the Supply Chain.

In all of these cases the Supply Chain has a legal responsibility to ensure that these goods do not enter the Food/Feed Supply Chain.

Hazardous Impurities can take a number of forms but are categorised below in three distinct categories: **Physical, Chemical or Biological**.

**Goods containing impurities must not be directed to food/feed destinations, unless customer/recipients terms and conditions, or contract, allow. The Supplier must have evidence that the destinations have been advised accordingly unless receivers terms and conditions, or contract, allow. Information relating to, for example, the cleaning of trailers can be found in trade assurance schemes such as TASCC. investigations should be fully documented along with the decisions made and conclusions to act as due diligence and to be assessed by a competent and authorised person(s).**

Definitions - Food (human consumption), Feed (including pet feed) and Non-Food/Feed (e.g. Anaerobic Digestion plant)

**This list is not exhaustive and should be treated as guidance only because other contaminants may occur.**

**Physical**

<b>Type of Contamination</b>	<b>Immediate Corrective Action</b>	<b>Criteria/Rules</b>	<b>Follow up action</b>	<b>Verification</b>	<b>Final action/Conclusion</b>
<b>Metal</b>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Quarantine potentially contaminated goods.</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> </ul>	Depending on the type of contaminant the goods can be cleaned/conditioned and redelivered for Feed/Food use	<p>Establish whether goods can be cleaned/conditioned.</p> <p>Quarantine potentially contaminated goods.</p> <p>Intake/supplier to establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>Sampling to check that contaminant has been removed.</p> <p>An assessment should be completed by the intake before any further movements take place.</p> <p>Assessment to consider other contaminants with</p>	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Contaminated goods that cannot be cleaned are returned to Farm or Delivered to end user who accepts the contamination.</p>

				metal e.g. grease, mercury, oil.	
<b>Glass &amp; Hard Plastics</b>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> </ul>	Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use.	<p>Goods are returned to Farm or Delivered for Non Food/Feed Use.</p> <p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	An assessment should be completed before any further movements take place.	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Contaminated goods must be sent to a non-food/feed use.</p>
<b>Asbestos</b>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> <li>• Seek professional advice on the handling of these contaminated goods.</li> <li>• Quarantine trailer and keep covered.</li> </ul>	Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use.	<p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	An assessment must be completed by a suitably qualified specialist before any further movements take place.	<p>There is specific Health and Safety legislation in relation to the control of Asbestos which must be followed.</p> <p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Depending on the recommendations of the HSE, and the findings by a suitably qualified specialist the contaminated product must be disposed of</p>

					as recommended within the assessment.
<b>Mud Balls, Wood, Stones and Flint</b>	<ul style="list-style-type: none"> <li>Stop the delivery/collection</li> <li>Investigate the source of the contaminant</li> <li>Inform the supplier</li> </ul>	Depending on the type of contaminant the goods can be cleaned/conditioned and redelivered for Feed/Food use	<p>Establish whether goods can be cleaned/conditioned.</p> <p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>Sampling to check that contaminant has been removed.</p> <p>An assessment should be made before any further movements take place.</p>	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Contaminated goods that cannot be cleaned are returned to Farm or Delivered to end user who accepts the contamination.</p>

**Chemical**

<b>Type of Contamination</b>	<b>Immediate Corrective Action</b>	<b>Criteria/Rules</b>	<b>Follow up action</b>	<b>Verification</b>	<b>Final action/Conclusion</b>
<b>Rodenticide, Chemically Dressed Seed, Slug pellets</b>	<ul style="list-style-type: none"> <li>Stop the delivery/collection</li> <li>Investigate the source of the contaminant</li> <li>Inform the supplier</li> </ul>	<p>Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use.</p> <p>Goods can be supplied for non-food/feed use.</p>	<p>Goods are returned to Farm or Delivered for Non Food/Feed Use.</p> <p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and</p>	An assessment should be completed before any further movements take place.	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Contaminated goods must be sent to a non-food/feed use.</p>

			action accordingly to prevent re-occurrence.		
<b>Pesticides/Herbicides/Growth Regulators</b>	<ul style="list-style-type: none"> <li>Stop the delivery/collection</li> <li>Investigate the source of the contaminant</li> <li>Inform the supplier</li> </ul> <p>Chlorpropham (CIPC) is widely used by potato growers as a growth regulator which can contaminate the store. <b>DO NOT use for other crop storage if any CIPC residues are found and inform the scheme owner or certification body.</b></p>	<p>Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use unless agreed in writing by the end user/customer.</p> <p>Goods can be supplied for non-food/feed use.</p>	<p>Goods are returned to Farm or Delivered for Non Food/Feed Use.</p> <p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	An assessment should be completed before any further movements take place.	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Contaminated goods must be sent to a non-food/feed use.</p>
<b>Diesel, Oil, Bitumen &amp; Tarmac</b>	<ul style="list-style-type: none"> <li>Stop the delivery/collection</li> <li>Investigate the source of the contaminant</li> <li>Inform the supplier</li> </ul>	<p>Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use.</p> <p>Goods can be supplied for non-food/feed use.</p>	<p>Goods are returned to Farm or Delivered for Non Food/Feed Use.</p> <p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	An assessment should be completed before any further movements take place.	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Contaminated goods must be sent to a non-food/feed use.</p>

<p><b>Unusual odour, smell or taint</b></p>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> </ul>	<p>Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use.</p> <p>Goods can be supplied for non-food/feed use.</p>	<p>Goods are returned to Farm or Delivered for Non Food/Feed Use.</p> <p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>An assessment should be completed before any further movements take place.</p>	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Contaminated goods must be sent to a non-food/feed use.</p>
<p><b>Ergot</b></p>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Determine the level of ergot contamination.</li> <li>• Inform the supplier</li> </ul>	<p>Check customer terms and conditions.</p>	<p>Re-direct to a destination with a suitable ergot tolerance.</p> <p>Clean the goods (colour sort/gravity separate).</p>	<p>The levels of ergot in the cleaned sample should be assessed before any further movements take place.</p>	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p>
<p><b>Mycotoxin Don, Zea, OTA</b></p>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> </ul> <p>Inform the supplier</p>	<p>Goods that exceed the EU legal limits for food can be forwarded for feed use where customer terms and conditions allow.</p> <p>These contaminants must not be blended.</p>	<p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>An assessment should be completed before any further movements take place.</p> <p>Analysis of results must be reviewed.</p>	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Goods must not be used for food/feed use if over the legal/customer limit.</p>

**Biological**

Type of Contamination	Immediate Corrective Action	Criteria/Rules	Follow up action	Verification	Final action/Conclusion
<b>Salmonellae</b>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> <li>• A responsible person with deputies must be nominated to notify the relevant competent authority with the mandatory reporting of a positive <i>salmonella</i> result.</li> </ul>	Depending on the end user, the goods can be treated and redelivered for Feed use only.	<p>Establish whether goods can be treated</p> <p>Quarantine potentially contaminated goods.</p> <p>Sample and test for <i>Salmonella</i> before further movement.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>Sampling to check that contaminant has been successfully treated.</p> <p>An assessment should be completed before any further movements take place.</p> <p>Analysis of results must be reviewed.</p>	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Goods that cannot be treated or have failed the <i>Salmonella</i> test are forwarded for non-food/feed use.</p> <p>Goods must not be used for food use.</p>

**Physical and Biological**

Type of Contamination	Immediate Corrective Action	Criteria/Rules	Follow up action	Verification	Final action/Conclusion
<b>Live or dead Animals/Birds</b>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> <li>• A responsible person with deputies must be</li> </ul>	Depending on the type of contaminant the goods can be cleaned/conditioned and redelivered for Food/Feed use.	<p>Quarantine potentially contaminated goods.</p> <p>Remove the contaminants.</p> <p>Sample and test for <i>Salmonella</i> and E-Coli before further movement.</p>	<p>Sampling to check that contaminant has been removed.</p> <p>An assessment should be completed before any further movements take place.</p>	<p>Following the assessment, unaffected goods in quarantine can be released for further delivery.</p> <p>Goods that have failed the <i>Salmonella</i> and E-Coli tests must not be allowed to</p>

	nominated to notify the relevant competent authority with the mandatory reporting of a positive <i>salmonella</i> result.		Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.	Analysis of results must be reviewed.	return to the food/feed supply chain.
<b>Insects and mites</b>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> </ul>	Depending on the type of contaminant the goods can be cleaned/conditioned/treated and redelivered for Feed/Food use depending on end users terms and conditions.	<p>Quarantine potentially contaminated goods.</p> <p>Establish whether goods can be cleaned/conditioned/treated.</p> <p>Goods treated with an approved chemical/post-harvest treatment at the correct rate and with-holding period.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>Sampling to check that infestation has been removed and compliance with pesticide MRLs..</p> <p>An assessment should be completed before any further movements take place.</p>	Following the assessment, unaffected goods in quarantine can be released for further delivery. Action must be taken and recorded.
<b>Faeces</b>	<ul style="list-style-type: none"> <li>• Stop the delivery/collection</li> <li>• Investigate the source of the contaminant</li> <li>• Inform the supplier</li> </ul>	Depending on the type of contaminant the goods can be cleaned/conditioned and redelivered for Feed use only.	<p>Quarantine potentially contaminated goods.</p> <p>Establish whether goods can be cleaned/conditioned.</p> <p>Sample and test for <i>Salmonella</i>, E-Coli and</p>	<p>Sampling to check that contaminant has been removed.</p> <p>An assessment should be completed before any further</p>	Following the assessment, unaffected goods in quarantine can be released for further delivery. Goods that have failed the <i>Salmonella</i> ,

			<p>Listeria before further movement.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>movements take place.</p> <p>Analysis of results must be reviewed.</p>	<p>E-Coli and Listeria tests are forwarded for non-food/feed use</p>
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**Allergens**

<b>Type of Contamination</b>	<b>Immediate Corrective Action</b>	<b>Criteria/Rules</b>	<b>Follow up action</b>	<b>Verification</b>	<b>Final action/Conclusion</b>
<b>Allergens</b>	<p>Stop the delivery/collection</p> <p>Investigate the source of the contaminant</p> <p>Inform the supplier</p>	<p>Depending on the type of contaminant the goods can be redelivered for Feed/Food use depending on end users terms and conditions.</p>	<p>Quarantine potentially contaminated goods.</p> <p>Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.</p>	<p>An assessment should be completed before any further movements take place.</p> <p>Analysis of results must be reviewed.</p>	<p>Following the assessment, goods in quarantine can be released subject to written confirmation from the receiver for further delivery.</p>