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.

Type of Contamination	Immediate Corrective Action	Criteria/Rules	Follow up action	Verification	Final action/Conclusion
Metal	 Stop the delivery/collection Quarantine potentially contaminated goods. Investigate the source of the contaminant Inform the supplier 	Depending on the type of contaminant the goods can be cleaned/conditioned and redelivered for Feed/Food use	Establish whether goods can be cleaned/conditioned. Quarantine potentially contaminated goods. 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.	Sampling to check that contaminant has been removed. An assessment should be completed by the intake before any further movements take place. Assessment to consider other contaminants with	Following the assessment, unaffected goods in quarantine can be released for further delivery. Contaminated goods that cannot be cleaned are returned to Farm or Delivered to end user who accepts the contamination.

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metal e.g. grease, mercury, oil. Following the Glass & Hard Stop the Goods cannot be Goods are returned to Farm An assessment • delivery/collection cleaned/conditioned or Delivered for Non should be completed assessment. **Plastics** Food/Feed Use. before any further unaffected goods in Investigate the and must not be supplied for movements take guarantine can be source of the Feed/Food use. Quarantine potentially place. released for further contaminant contaminated goods. delivery. Inform the • Contaminated goods supplier must be sent to a non-Establish the root cause of the contamination food/feed use. considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence. There is specific Asbestos Stop the Goods cannot be Quarantine potentially An assessment must • delivery/collection cleaned/conditioned contaminated goods. be completed by a Health and Safety suitably qualified legislation in relation and must not be Investigate the supplied for Establish the root cause of specialist before any to the control of source of the Feed/Food use. the contamination further movements Asbestos which must contaminant considering any other be followed. take place. Inform the • goods that could be supplier similarly contaminated and Following the Seek professional action accordingly to assessment, advice on the unaffected goods in prevent re-occurrence. handling of these quarantine can be contaminated released for further goods. delivery. Quarantine trailer Depending on the and keep recommendations of covered. the HSE, and the findings by a suitably qualified specialist the contaminated product must be disposed of

as recommended within the assessment. Mud Balls, Stop the Depending on the Establish whether goods Sampling to check Following the • delivery/collection type of contaminant can be cleaned/conditioned. that contaminant has assessment. Wood, Stones the goods can be been removed. unaffected goods in Investigate the and Flint • cleaned/conditioned Quarantine potentially quarantine can be source of the and redelivered for released for further contaminated goods. An assessment contaminant Feed/Food use should be made delivery. Inform the • Establish the root cause of Contaminated goods before any further supplier the contamination movements take that cannot be considering any other cleaned are returned place. to Farm or Delivered goods that could be similarly contaminated and to end user who action accordingly to accepts the prevent re-occurrence. contamination.

Chemical

Type of Contamination	Immediate Corrective Action	Criteria/Rules	Follow up action	Verification	Final action/Conclusion
Rodenticide, Chemically Dressed Seed, Slug pellets	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier 	Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use. Goods can be supplied for non- food/feed use.	Goods are returned to Farm or Delivered for Non Food/Feed Use. Quarantine potentially contaminated goods. Establish the root cause of the contamination considering any other goods that could be similarly contaminated and	An assessment should be completed before any further movements take place.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Contaminated goods must be sent to a non- food/feed use.

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			action accordingly to prevent re-occurrence.		-
Pesticides/Her bicides/Growth Regulators	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier Chlorpropham (CIPC) is widely used by potato growers as a growth regulator which can contaminate the store. DO NOT use for other crop storage if any CIPC residues are found and inform the scheme owner or certification body. 	Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use unless agreed in writing by the end user/customer. Goods can be supplied for non- food/feed use.	Goods are returned to Farm or Delivered for Non Food/Feed Use. Quarantine potentially contaminated goods. Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.	An assessment should be completed before any further movements take place.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Contaminated goods must be sent to a non- food/feed use.
Diesel, Oil, Bitumen & Tarmac	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier 	Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use. Goods can be supplied for non- food/feed use.	Goods are returned to Farm or Delivered for Non Food/Feed Use. Quarantine potentially contaminated goods. Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.	An assessment should be completed before any further movements take place.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Contaminated goods must be sent to a non- food/feed use.

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Unusual odour, smell or taint	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier 	Goods cannot be cleaned/conditioned and must not be supplied for Feed/Food use. Goods can be supplied for non- food/feed use.	Goods are returned to Farm or Delivered for Non Food/Feed Use. Quarantine potentially contaminated goods. Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.	An assessment should be completed before any further movements take place.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Contaminated goods must be sent to a non- food/feed use.
Ergot	 Stop the delivery/collection Determine the level of ergot contamination. Inform the supplier 	Check customer terms and conditions.	Re-direct to a destination with a suitable ergot tolerance. Clean the goods (colour sort/gravity separate).	The levels of ergot in the cleaned sample should be assessed before any further movements take place.	Following the assessment, unaffected goods in quarantine can be released for further delivery.
Mycotoxin Don, Zea, OTA	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier 	Goods that exceed the EU legal limits for food can be forwarded for feed use where customer terms and conditions allow. These contaminants must not be blended.	Quarantine potentially contaminated goods. Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.	An assessment should be completed before any further movements take place. Analysis of results must be reviewed.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Goods must not be used for food/feed use if over the legal/customer limit.

<u>Biological</u>

Type of Contamination	Immediate Corrective Action	Criteria/Rules	Follow up action	Verification	Final action/Conclusion
Salmonellae	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier A responsible person with deputies must be nominated to notify the relevant competent authority with the mandatory reporting of a positive salmonella result. 	Depending on the end user, the goods can be treated and redelivered for Feed use only.	Establish whether goods can be treated Quarantine potentially contaminated goods. Sample and test for Salmonella before further movement. Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re-occurrence.	Sampling to check that contaminant has been successfully treated. An assessment should be completed before any further movements take place. Analysis of results must be reviewed.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Goods that cannot be treated or have failed the <i>Salmonella</i> test are forwarded for non- food/feed use. Goods must not be used for food use.

Physical and Biological

Type of Contamination	Immediate Corrective Action	Criteria/Rules	Follow up action	Verification	Final action/Conclusion
Live or dead Animals/Birds	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier A responsible person with deputies must be 	Depending on the type of contaminant the goods can be cleaned/conditione d and redelivered for Food/Feed use.	Quarantine potentially contaminated goods. Remove the contaminants. Sample and test for <i>Salmonella</i> and E-Coli before further movement.	Sampling to check that contaminant has been removed. An assessment should be completed before any further movements take place.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Goods that have failed the <i>Salmonella</i> and E-Coli tests must not be allowed to

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for Feed use only.

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	nominated to notify the relevant competent authority with the mandatory reporting of a positive salmonella 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.
Insects and mites	 Stop the delivery/collection Investigate the source of the contaminant Inform the supplier 	Depending on the type of contaminant the goods can be cleaned/conditione d/treated and redelivered for Feed/Food use depending on end users terms and conditions.	Quarantine potentially contaminated goods. Establish whether goods can be cleaned/conditioned/treated. Goods treated with an approved chemical/post- harvest treatment at the correct rate and with-holding period. Establish the root cause of the contamination considering any other goods that could be similarly contaminated and action accordingly to prevent re- occurrence.	Sampling to check that infestation has been removed and compliance with pesticide MRLs An assessment should be completed before any further movements take place.	Following the assessment, unaffected goods in quarantine can be released for further delivery. Action must be taken and recorded.
Faeces	 Stop the delivery/collection Investigate the source of the contaminant Inform the 	Depending on the type of contaminant the goods can be cleaned/conditione d and redelivered	Quarantine potentially contaminated goods. Establish whether goods can be cleaned/conditioned.	Sampling to check that contaminant has been removed. An assessment should be completed	Following the assessment, unaffected goods in quarantine can be released for further delivery.

Goods that have

failed the Salmonella,

before any further

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

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