

#### REASONED OPINION

# Modification of the existing MRLs for sulfuryl fluoride and fluoride ion in chestnuts<sup>1</sup>

# **European Food Safety Authority**<sup>2</sup>

European Food Safety Authority (EFSA), Parma, Italy

#### **SUMMARY**

According to Article 6 of the Regulation (EC) No 396/2005, France, herewith referred to as the Evaluating Member State (EMS), received an application from the company Dow AgroSciences to modify the existing MRL for sulfuryl fluoride and fluoride ion in chestnuts. In order to accommodate for the intended use of sulfuryl fluoride on chestnuts in France and Portugal, the EMS proposed to raise the existing MRL for fluoride ion in chestnuts from 25 to 110 mg/kg. For sulfuryl fluoride no need to modify the existing MRL of 10 mg/kg was identified. The EMS France drafted an evaluation report according to Article 8 of Regulation (EC) No 396/2005 which was submitted to the European Commission and forwarded to EFSA on 11 July 2011.

EFSA derives the following conclusions based on the submitted evaluation report prepared by the EMS France, the Draft Assessment Report (DAR) prepared by the rapporteur Member State (RMS) United Kingdom under Directive 91/414/EEC and the EFSA conclusion on the peer review of sulfuryl fluoride.

The toxicological profile of sulfuryl fluoride was assessed in the framework of the peer review under Directive 91/414/EEC and the data were sufficient to derive an ADI value of 0.014 mg/kg bw/day and an ARfD of 0.7 mg/kg bw. In the peer review the ADI and ARfD for the fluoride were also discussed. An ADI of 0.005 mg/kg bw/day has been calculated on the basis of the parent compound, taking into account the molecular weight. An upper tolerable intake level (UL) of 0.1 mg/kg bw for fluoride for children up to 8 years has been established by the EFSA Scientific Panel on Dietetic Products, Nutrition and Allergies. However, the peer review concluded that at the moment no scientifically based conclusions can be drawn on the ADI and ARfD values for fluoride and further studies are required.

The nature of sulfuryl fluoride in food commodities after fumigation has not been investigated. The available studies for the peer review were considered insufficient to assess the involved reactions and to verify the reported results and therefore the peer review suggested that a study according to modern standards has to be carried out in order to fully elucidate the nature of the residues in food matrices

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<sup>&</sup>lt;sup>2</sup> Correspondence: <u>pesticides.mrl@efsa.europa.eu</u>



upon fumigation with sulfuryl fluoride. A provisional residue definition for the risk assessment and monitoring was proposed as sulfuryl fluoride and inorganic fluoride (separately). It was agreed, if protein-bound fluoride is formed in treated food and can in some way be taken up by the consumer, it should also be included in the residue definition.

The data requirements identified by the peer review have not been addressed and EFSA therefore concludes that the metabolism of sulfuryl fluoride in chestnuts following the fumigation treatment is not sufficiently elucidated.

The submitted residue data indicate that fumigation of chestnuts according to the intended GAP would require raising the existing MRL for fluoride, but the EU MRL for sulfuryl fluoride would not need to be modified. However, pending the investigation of the nature of sulfuryl fluoride following fumigation treatment in chestnuts, no MRLs can currently be proposed. EFSA also notes that the storage stability of sulfuryl fluoride residues in plant matrices has to be investigated.

EFSA calculated the consumer exposure to <u>sulfuryl fluoride</u> residues using the existing EU MRLs as established in Annex IIIA of Regulation (EC) 396/2005 as input values. The estimated exposure was then compared with the toxicological reference values derived for sulfuryl fluoride. No long-term consumer intake concerns were identified for any of the European diets incorporated in the EFSA PRIMo. The total calculated intake values ranged from 1-30% of the ADI (maximum for IE adult diet). The contribution of residues in chestnuts to the total consumer exposure accounted for a maximum of 2% of the ADI (WHO Cluster diet B). No acute consumer risk was identified with regard to the existing EU MRL for sulfuryl fluoride in chestnuts (6% of the ARfD).

A conclusive consumer exposure assessment to <u>fluoride</u> residues currently cannot be performed, pending investigation of the nature of sulfuryl fluoride in chestnuts after the fumigation treatment as well as lacking the information on the toxicological reference values for fluoride and the consumer exposure to fluoride residues from other sources than pesticide residues.

EFSA concludes that the intended use on chestnuts in France and Portugal cannot be supported.

#### **KEY WORDS**

Sulfuryl fluoride, chestnuts, MRL application, Regulation (EC) No 396/2005, consumer risk assessment, fluoride ion, insecticide, nematicide



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#### **BACKGROUND**

Commission Regulation (EC) No 396/2005<sup>3</sup> establishes the rules governing the setting of pesticide MRLs at Community level. Article 6 of that regulation lays down that a party requesting an authorisation for the use of a plant protection product in accordance with Council Directive 91/414/EEC<sup>4</sup>, currently replaced by Regulation (EC) No 1107/2009<sup>5</sup>, shall submit to a Member State, when appropriate, an application to set or modify an MRL in accordance with the provisions of Article 7 of that regulation.

France, hereafter referred to as the evaluating Member State (EMS), received an application from the company Dow AgroSciences<sup>6</sup> to modify the existing MRL for the active substance sulfuryl fluoride and fluoride ion in chestnuts. This application was notified to the European Commission and EFSA and subsequently evaluated by the EMS in accordance with Article 8 of the Regulation.

After completion, the evaluation report of the EMS was submitted to the European Commission who forwarded the application, the evaluation report and the supporting dossier to EFSA on 11 July 2011. The application was included in the EFSA Register of Questions with the reference number EFSA-Q-2011-00889 and the following subject:

Sulfuryl fluoride - Application to modify the existing MRL in chestnuts.

The EMS proposed to amend the MRL for fluoride ion in chestnuts from 25 mg/kg to 110 mg/kg. For sulfuryl fluoride the existing MRL of 10 mg/kg is confirmed.

EFSA then proceeded with the assessment of the application as required by Article 10 of the Regulation.

#### TERMS OF REFERENCE

In accordance with Article 10 of Regulation (EC) No 396/2005, EFSA shall, based on the evaluation report provided by the evaluating Member State, provide a reasoned opinion on the risks to the consumer associated with the application.

In accordance with Article 11 of that Regulation, the reasoned opinion shall be provided as soon as possible and at the latest within three months (which may be extended to six months where more detailed evaluations need to be carried out) from the date of receipt of the application. Where EFSA requests supplementary information, the time limit laid down shall be suspended until that information has been provided.

In this particular case the calculated deadline for providing the reasoned opinion is 11 October 2011.

<sup>&</sup>lt;sup>3</sup> Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005. OJ L 70, 16.3.2005, p. 1-16.

<sup>&</sup>lt;sup>4</sup> Council Directive 91/414/EEC of 15 July 1991, OJ L 230, 19.8.1991, p. 1-32.

<sup>&</sup>lt;sup>5</sup> Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009. OJ L 309, 24.11.2009, p. 1-50.

<sup>&</sup>lt;sup>6</sup> Dow AgroSciences S.A.S., Rue Jean Pierre Timbaud 6, Le Campus, bat. A, 78067 St Quentin Yvelines cedex, Montigny le bretonneux, France



#### THE ACTIVE SUBSTANCE AND ITS USE PATTERN

There is no ISO common name for sulfuryl fluoride, it has been used in the literature but has no official status except as a systematic name. The IUPAC name is sulfuryl fluoride.

Molecular weight: 102.1g/mol

Sulfuryl fluoride is a non-specific insecticide that acts by disrupting the glycolysis and citric acid cycles, depriving the organism of the necessary energy for survival. Sulfuryl fluoride is used for the control of all life stages of arthropods (e.g. meal moths, flour and grain beetles).

Sulfuryl fluoride is an active substance which was evaluated according to Directive 91/414/EEC with the United Kingdom designated as rapporteur Member State (RMS). It was included in Annex I of this Directive by Directive 2010/38/EU<sup>7</sup> for use as insecticide/nematicide (fumigant) only, provided that the active substance is used by professional users in sealable structures which are empty, or where conditions of use ensure that consumer exposure is acceptable. The representative uses evaluated by the peer review were fumigation of buildings or storage containers by releasing gas from a cylinder, to control stored product insect pests (eg. *Ephestia kuehniella, Plodia interpunctella, Tribolium castaneum, Tribolium confusum, Trogoderma variabile, Oryzaephilus surinamensis*) in emptied cereal grain mills. The maximum target dosage was 1500 CTP g h/m<sup>3</sup> with a maximum target concentration of 128 g/m<sup>3</sup>.

The existing MRLs for sulfuryl fluoride and fluoride ion are established on a temporary basis in Annex IIIA of Regulation (EC) No 396/2005 (see Appendix C). In the framework of the assessment of consumer exposure arising from temporary EU MRLs, EFSA could not finalise the evaluation because questions concerning the toxicological reference values for fluoride and the consumer exposure to fluoride resulting from other sources than pesticide residues have to be clarified first (EFSA, 2007). The existing EU MRL for sulfuryl fluoride in chestnuts is set at 10 mg/kg, whereas the fluoride MRL for chestnuts is set at 25 mg/kg. The Codex Alimentarius has set a CXL of 3 mg/kg for sulfuryl fluoride in tree nuts following post harvest treatment. No MRLs for fluoride ion have been established by the Codex Alimentarius.

The intended GAP in France and Portugal for which a modification of the existing MRLs is requested refers to post harvest fumigation of chestnuts. The details of the GAP are given in Appendix A.

<sup>&</sup>lt;sup>7</sup> Commission Directive 2010/38/EU of 18 June 2010, OJ L 154, 19.06.2010, p.21-23.



#### ASSESSMENT

EFSA bases its assessment on the evaluation report submitted by the EMS (France, 2011), the Draft Assessment Report (DAR) prepared under Council Directive 91/414/EEC (UK, 2004) and the conclusion on the peer review of the pesticide risk assessment of the active substance sulfuryl fluoride (EFSA, 2010). The assessment is performed in accordance with the legal provisions of the Uniform Principles for the Evaluation of the Authorization of Plant Protection Products set out in Regulation (EU) No 546/2011<sup>8</sup> and the currently applicable guidance documents relevant for the consumer risk assessment of pesticide residues (EC, 1997).

#### 1. Methods of analysis

#### 1.1. Methods for enforcement of residues in food of plant origin

Analytical methods for the determination of sulfuryl fluoride and fluoride residues in plant commodities were assessed in the DAR and in the conclusion on the peer review under Directive 91/414/EEC (UK, 2004; EFSA, 2010).

Sulfuryl fluoride residues can be determined in matrices with high oil content and in dry matrices at the LOQs of 0.004 to 0.01 mg/kg using GC-ECD method. Fluoride residues in these matrices can be determined using a fluoride ion specific electrode and the validated LOQs were within a range of 0.5 to 5 mg/kg. In nuts (pecan nuts, almonds, pistachios) the LOQ was 2.5 mg/kg.

EFSA concludes that sufficiently validated analytical methods are available to monitor all compounds given in the provisional enforcement residue definition for chestnuts.

#### 1.2. Methods for enforcement of residues in food of animal origin

Analytical methods for the determination of residues in food of animal origin are not assessed in the current application, since chestnuts are normally not fed to livestock.

### 2. Mammalian toxicology

The toxicological profile of the active substance sulfuryl fluoride was assessed in the framework of the peer review under Directive 91/414/EEC (EFSA, 2010). The data were sufficient to derive the toxicological reference values which are compiled in Table 2-1.

**Table 2-1:** Overview of the toxicological reference values

	Source	Year	Value	Study relied upon	Safety factor
Sulfuryl fluoride	e				
ADI	EFSA	2010	0.014 mg/kg bw/d	2 yr rat	100
ARfD	EFSA	2010	0.7 mg/kg bw	Acute neurotoxicity study	100

<sup>&</sup>lt;sup>8</sup> Commission Regulation (EU) No 546/2011 of 10 June 2011, OJ L 155,11.6.2011, p.127-174



In the experts' meeting the ADI and ARfD for the fluoride were discussed as well. An ADI of 0.005 mg/kg bw/day has been calculated on the basis of the parent compound, taking into account the molecular weight (EFSA, 2010). A tolerable upper intake level (UL) of 0.1 mg/kg bw for fluoride has been established in the EFSA opinion of the Scientific Panel on Dietetic Products, Nutrition and Allergies for children up to 8 years, based on human data (EFSA, 2005). The peer review discussed whether an appropriate value could be derived based on these data, but decided that at the moment no scientifically based conclusion can be drawn on the ADI and ARfD for the metabolite fluoride.

#### 3. Residues

#### 3.1. Nature and magnitude of residues in plant

#### 3.1.1. Primary crops

#### 3.1.1.1. Nature of residues

Several studies investigating the mode of degradation of sulfuryl fluoride in food commodities have been available for the peer review, but the meeting of the experts concluded that the available information was not sufficient to assess the involved reactions and to verify the reported results (EFSA, 2010). The peer review suggested that a study according to modern standards has to be carried out in order to fully elucidate the nature of the residues expected in food matrices upon fumigation with sulfuryl fluoride. From research papers it is known that, due to its small steric size, fluorine has been used as a replacement for hydrogen in many biologically active molecules, including amino acids. Once introduced, the strong carbon-fluorine bond is particularly resistant to metabolic transformations, and the electro-negativity of fluorine can have a significant effect on the basicity and acidity of neighbouring groups and on the electron distribution, and can change the overall reactivity and stability of the molecule. The peer review experts were of the opinion that for all uses where sulfuryl fluoride can come into contact with food (directly or through contamination) data on the nature and levels of the residue are required. Only if these data are available it can be adequately assessed which measures are appropriate to mitigate consumer risk (EFSA, 2010).

Provisionally a residue definition for risk assessment and monitoring was proposed to include sulfuryl fluoride on the one hand and inorganic fluoride on the other hand. The experts agreed that, if protein-bound fluoride is formed and can in some way be taken up by the consumer, it should also be included in the residue definition.

The data requirements identified by the peer review have not been addressed by the manufacturer and are thus applicable also for the current MRL application. EFSA therefore concludes that the metabolism of sulfuryl fluoride in chestnuts following the fumigation treatment is not sufficiently elucidated. Not knowing the residues formed and the toxicity of these compounds, a conclusive consumer risk assessment currently cannot be performed.

#### 3.1.1.2. Magnitude of residues

In support of the intended use, the applicant submitted in total 27 residue trials reflecting sulfuryl fluoride and fluoride residues in chestnuts after the fumigation. Six residue trials were performed in France in 2009 and 21 trials in the United States in 2006/2007. Trials from the United States were analysed for parent sulfuryl fluoride as well as fluoride ion. Residue trials from France were analysed for fluoride ion only and the day when the sample was taken was not indicated.



Residues of sulfuryl fluoride in all trials were within a range of <0.002 to 0.01 mg/kg.

The residue concentrations of fluoride measured in the chestnuts treated according to the intended application rate (300-400 CTP (concentration (g) x Time (t) (hours)/Product (m3),  $\pm$  25%) showed high variations, ranging from 13.6 to 74.4 mg/kg. Additional 17 trials, which were over- or under dosed (expressed in terms of CTP) did not give an indication that the residue concentration is proportionate to the application rate. The data suggest that variations in time of exposure have a higher impact on the final residue levels in the crop than the concentration of the product applied. For example, an under dosed residue trial (200 CTP) in France with chestnuts being fumigated for *ca.* 132 hours gave the highest residues of fluoride (85.9 mg/kg), whereas more than 3 times overdosed trial with a fumigation time of 7 hours resulted in 58.8 mg/kg of fluoride. EFSA has therefore doubts that for this specific type of treatment the CTP is a good way of expressing the GAP.

The results of the trials for fluoride are reported in the table below (Table 3-1).

**Table 3-1:** Overview of the available residues trials data

Trial No.	CTP (mg hr/L)	hr	mg/L	Fluoride (mg/kg)	Application rate within the tolerated deviation +/- 25%
1	194	8.17	23.75	22.8	
2	199	8.17	24.36	24.3	
3	199	8.17	24.36	29	
4	203	8.17	24.85	28.7	
5	207	8.17	25.34	16.8	
6	216	8.17	26.44	20.1	
7	313	22.5	13.91	31	X
8	313	22.5	13.91	23.4	X
9	313	22.5	13.91	30.4	X
10	317	22.5	14.09	13.6	X
11	336	22.5	14.93	22.6	X
12	358	22.5	15.91	21.9	X
13	582	3.13	185.94	32.5	
14	596	3.13	190.42	58	
15	603	3.13	192.65	51.8	
16	603	3.13	192.65	43.1	
17	603	3.13	192.65	24.1	
18	603	3.13	192.65	33	
19	1500	7.38	203.25	58.8	
20	1472	23.92	61.54	64.6	
21	1408	23.92	58.86	72.8	
22	445	12	37.08	17.7	X
23	327	12	27.25	64.1	X
24	424	12.25	34.61	51.7	X
25	395	12	32.92	74.4	X
26	240	2.08	115.38	27.2	
27	200	132	1.52	85.9	



Finally 6 residue trials from the United States and 4 residue trials from France were selected as being the most representative for the intended use (Table 3-2).

The storage stability of sulfuryl fluoride in primary crops was not investigated in the peer review (EFSA, 2010). The stability of fluoride residues has been demonstrated in wheat grain and flour, raisins, walnuts, maize grain and meal for at least 1 month at ambient temperatures and for at least 3 months at -20°C (EFSA, 2010). EFSA has no information on the storage conditions of residue trial samples. However, as the EMS confirmed the validity of residue trials data regarding storage stability, EFSA assumed that the samples were stored for a minimum storage interval which does not require submission of storage stability studies. Nevertheless, the storage stability studies of sulfuryl fluoride are required.

According to the EMS, the analytical methods used to analyse supervised residue trial samples have been sufficiently validated and were proven to be fit for purpose (France, 2011).

The submitted residue data indicate that fumigation of chestnuts according to the intended GAP would require raising the existing MRL for fluoride, but the EU MRL for sulfuryl fluoride would not need to be modified. However, pending the investigation of nature of sulfuryl fluoride following fumigation treatment in chestnuts, no MRLs can currently be proposed.



**Table 3-2:** Overview of the available residues trials data

Commodity	Region (a)	Outdoor	Individual tri	al results (mg/kg)	Median	Highest	MRL	Median	Comments	
		/Indoor	Enforcement	Risk assessment	residue (mg/kg) (b)	residue (mg/kg)	proposal (mg/kg)	CF (d)		
Provisional enfo	Provisional enforcement and risk assessment residue definition: Sulfuryl fluoride									
Chestnuts	EU	Indoor	6 x <0.002	6 x <0.002	< 0.002	< 0.002	0.002*	1	The existing EU MRL is 10 mg/kg.	
Provisional enfo	rcement and risl	k assessment	residue definition: Fluorio	de ion						
Chestnuts	EU	Indoor	13.6 <sup>g</sup> ; 17.7 <sup>f</sup> ; 21.9 <sup>g</sup> ; 22.6 <sup>g</sup> ; 23.4 <sup>g</sup> ; 30.4 <sup>g</sup> ; 31 <sup>g</sup> ; 51.7 <sup>f</sup> ; 64.1 <sup>f</sup> ; 74.4 <sup>f</sup>	13.6 <sup>g</sup> ; 17.7 <sup>f</sup> ; 21.9 <sup>g</sup> ; 22.6 <sup>g</sup> ; 23.4 <sup>g</sup> ; 30.4 <sup>g</sup> ; 31 <sup>g</sup> ; 51.7 <sup>f</sup> ; 64.1 <sup>f</sup> ; 74.4 <sup>f</sup>	26.9	74.4	150	1	R <sub>ber</sub> = 110 R <sub>max</sub> =96 OECD MRL <sup>e</sup> =150	

<sup>(</sup>a): NEU, SEU, EU or Import (country code). In the case of indoor uses there is no necessity to differentiate between NEU and SEU.

<sup>(</sup>b): Median value of the individual trial results according to the enforcement residue definition.

<sup>(</sup>c): Highest value of the individual trial results according to the enforcement residue definition.

<sup>(</sup>d): The median conversion factor for enforcement to risk assessment is obtained by calculating the median of the individual conversion factors for each residues trial.

<sup>(</sup>e): The MRL calculated using the OECD MRL calculator (OECD, 2011b)

<sup>(</sup>f): Days after fumigation not indicated. Samples analyzed for fluoride only.

<sup>(</sup>g): Residue trial sample taken 9 days after the fumigation.

<sup>(\*):</sup> Indicates that the MRL is set at the limit of analytical quantification



#### 3.1.1.3. Rotational crops

Investigation of sulfuryl fluoride residues in rotational/succeeding crops is not of relevance for the post harvest treatment of chestnuts.

## 3.2. Nature and magnitude of residues in livestock

Chestnuts are not fed to livestock and therefore the nature and magnitude of sulfuryl fluoride residues in livestock was not assessed in the framework of this application.

#### 4. Consumer risk assessment

#### 4.1. Consumer risk assessment sulfuryl fluoride

The consumer risk assessment regarding sulfuryl fluoride residues was performed with revision 2 of the EFSA Pesticide Residues Intake Model (PRIMo). This exposure assessment model contains the relevant European food consumption data for different sub-groups of the EU population (EFSA, 2007).

For the calculation of the chronic and acute exposure EFSA used the existing EU MRLs for sulfuryl fluoride as currently established in Annex IIIA of the Regulation (EC) No 396/2005. The estimated exposure was then compared with the toxicological reference values derived for sulfuryl fluoride (see Table 2-1). The results of the intake calculation are presented in Appendix B to this reasoned opinion.

No long-term consumer intake concerns were identified for any of the European diets incorporated in the EFSA PRIMo. The total calculated intake values ranged from 1-30% of the ADI (maximum for IE adult diet). The contribution of residues in chestnuts to the total consumer exposure accounted for a maximum of 2% of the ADI (WHO Cluster diet B).

No acute consumer risk was identified in relation to the existing EU MRL for sulfuryl fluoride in chestnuts. The calculated maximum exposure in percentage of the ARfD was 6% for chestnuts.

## 4.2. Consumer risk assessment fluoride

Without further information on the nature of sulfuryl fluoride in chestnuts following the fumigation treatment as well as lacking the information on the toxicological reference values for fluoride and the consumer exposure to fluoride resulting from other sources than pesticide residues, a conclusive consumer exposure assessment at the current stage cannot be performed.

<sup>&</sup>lt;sup>9</sup> The calculation of the long-term exposure (chronic exposure) is based on the mean consumption data representative for 22 national diets collected from MS surveys plus 1 regional and 4 cluster diets from the WHO GEMS Food database; for the acute exposure assessment the most critical large portion consumption data from 19 national diets collected from MS surveys is used. The complete list of diets incorporated in EFSA PRIMo is given in its reference section (EFSA, 2007).



#### CONCLUSIONS AND RECOMMENDATIONS

#### **CONCLUSIONS**

The toxicological profile of sulfuryl fluoride was assessed in the framework of the peer review under Directive 91/414/EEC and the data were sufficient to derive an ADI value of 0.014 mg/kg bw/day and an ARfD of 0.7 mg/kg bw. In the peer review the ADI and ARfD for the fluoride were also discussed. An ADI of 0.005 mg/kg bw/day has been calculated on the basis of the parent compound, taking into account the molecular weight. An upper tolerable intake level (UL) of 0.1 mg/kg bw for fluoride for children up to 8 years has been established by the EFSA Scientific Panel on Dietetic Products, Nutrition and Allergies. However, the peer review concluded that at the moment no scientifically based conclusions can be drawn on the ADI and ARfD values for fluoride and further studies are required.

The nature of sulfuryl fluoride in food commodities after fumigation has not been investigated. The available studies for the peer review were considered insufficient to assess the involved reactions and to verify the reported results and therefore the peer review suggested that a study according to modern standards has to be carried out in order to fully elucidate the nature of the residues in food matrices upon fumigation with sulfuryl fluoride. A provisional residue definition for the risk assessment and monitoring was proposed as sulfuryl fluoride and inorganic fluoride (separately). It was agreed, if protein-bound fluoride is formed in treated food and can in some way be taken up by the consumer, it should also be included in the residue definition.

The data requirements identified by the peer review have not yet been addressed and EFSA therefore concludes that the metabolism of sulfuryl fluoride in chestnuts following the fumigation treatment is not sufficiently elucidated.

The submitted residue data indicate that fumigation of chestnuts according to the intended GAP would require raising the existing MRL for fluoride, but the EU MRL for sulfuryl fluoride would not need to be modified. However, pending the investigation of the nature of sulfuryl fluoride following fumigation treatment in chestnuts, no MRLs can currently be proposed. EFSA also notes that the storage stability of sulfuryl fluoride residues in plant matrices has to be investigated.

EFSA calculated the consumer exposure to <u>sulfuryl fluoride</u> residues using the existing EU MRLs as established in Annex IIIA of Regulation (EC) 396/2005 as input values. The estimated exposure was then compared with the toxicological reference values derived for sulfuryl fluoride. No long-term consumer intake concerns were identified for any of the European diets incorporated in the EFSA PRIMo. The total calculated intake values ranged from 1-30% of the ADI (maximum for IE adult diet). The contribution of residues in chestnuts to the total consumer exposure accounted for a maximum of 2% of the ADI (WHO Cluster diet B). No acute consumer risk was identified with regard to the existing EU MRL for sulfuryl fluoride in chestnuts (6% of the ARfD).

A conclusive consumer exposure assessment to <u>fluoride</u> residues currently cannot be performed, pending investigation of the nature of sulfuryl fluoride in chestnuts after the fumigation treatment as well as lacking the information on the toxicological reference values for fluoride and the consumer exposure to fluoride residues from other sources than pesticide residues.

EFSA concludes that the intended use on chestnuts in France and Portugal cannot be supported.



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# Appendix A. GOOD AGRICULTURAL PRACTICES (GAPS)

Crop	Member State	F	Pest or	Formula	ation		Appli	cation		Application	on rate per tr	eatment	PHI	Remarks
and/or	or Country	G	group of pests	type	conc.	method	growth	number	interval	kg as/hL	water L/ha	kg a.s./ha	(days)	
situation		or I	controlled		of a.s.	kind	stage & season	min max	min max	min max	min max	min max		
(a)		(b)	(c)	(d - f)	(i)	(f - h)	(j)	(k)					(1)	(m)
Chestnuts	FRANCE PORTUGAL	Ι	Stored product insect pests  (for example, Curculio elephas and months of Laspeyria splendana)	Fumigant gas <sup>n</sup>	99.8%	Fumigation <sup>o</sup>	Post harvest	1	-	CTP <sup>p</sup> of 300-400/ commodity	-	-	3	The dosage CTP (concentration x exposure time) used is dependent on surrounding temperature. Dosage decreases as temperature increases.

Remarks: (a)

- (a) For crops, EU or other classifications, e.g.Codex, should be used; where relevant, the use situation should be described (e.g. fumigation of a structure)
- (b) Outdoor or field use (F), glasshouse application (G) or indoor application (I)
- (c) e.g. biting and suckling insects, soil born insects, foliar fungi, weeds
- (d) e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR)
- (e) GCPF Technical Monograph No 2, 4<sup>th</sup> Ed., 1999 or other codes, e.g. OECD/CIPAC, should be used
- (f) All abbreviations used must be explained
- (g) Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench
- (h) Kind, e.g. overall, broadcast, aerial spraying, row, individual plant, between the plants - type of equipment used must be indicated
- (i) g/kg or g/l

- (j) Growth stage at last treatment (Growth stages of mono-and dicotyledonous plants. BBCH Monograph, 2<sup>nd</sup> Ed., 2001), including where relevant, information on season at time of application
- (k) The minimum and maximum number of application possible under practical conditions of use must be provided
- (l) PHI minimum pre-harvest interval
- (m) Remarks may include: Extent of use/economic importance/restrictions (i.e. feeding, grazing)
- (n) Packaged as a liquid under pressure. As liquid is released it converts to a gas state and disperses in the confined space of the fumigation.
- (o) Release fumigant from cylinder into confined air space, confine gas for 2-72 + hours, then exhaust. Vacuum fumigation follows same procedure, with vacuum to increase insecticidal activity.
- (p)  $CTP = concentration (g) \times Time (t) (hours)/Product (m<sup>3</sup>).$



# Appendix B. PESTICIDE RESIDUES INTAKE MODEL (PRIMO)

				uryl flu			Prepare	e workbook for refined calculations	
		Status of the active	substance:	0.04	Code no.				
		LOQ (mg/kg bw):		0.01	proposed LOQ:				
				logical en			Undo	refined calculatio	ne
		ADI (mg/kg bw/day)	):	0.014	ARfD (mg/kg bw):	0.7	Onde	remied daledidie	1.13
		Source of ADI:		EFSA	Source of ARfD:	EFSA			
		Year of evaluation:		2010	Year of evaluation:	2010			
			Chronic risk as		nt rofined or	plaulations			
			nronic risk as			aiculations			
					ge) in % of ADI				
					m - maximum 30				
		No of diets excee	ding ADI:	1					
Highest calculated		Highest contributor			2nd contributor to MS diet	Commodity /	3rd contributor to MS diet	Commodity /	pTMRLs
of ADI	MS Diet		group of commodities		(in % of ADI)	group of commodities		group of commodities	(in % of
29.9	IE adult	5.7	Pecans		3.5	Walnuts		Coconuts	1
21.9	WHO Cluster diet B	6.2	Coconuts		3.0	Wheat	2.5	Hazelnuts	1
16.1	DE child	5.7	Hazelnuts		2.2	Almonds	1.5	Wheat	2
10.7	NL child	1.8	Hazelnuts		1.7	Wheat	1.1	Almonds	1
8.5	WHO cluster diet E		Hazelnuts		1.4	Wheat		Almonds	1
8.5	WHO Cluster diet F		Coconuts		1.3	Wheat		Almonds	0
8.0	FR toddler		Almonds		2.7	Almonds		Wheat	1
7.8	WHO regional European diet		Almonds		1.1	Wheat		Chestnuts	1
6.3	WHO cluster diet D		Wheat		1.1	Pistachios		Coconuts	0
5.8 5.7	IT kids/toddler UK Toddler		Wheat		1.0	Chestnuts Wheat		Other cereal Almonds	2
5.7	NL general		Sugar beet (root) Hazelnuts		0.9	Almonds		Wheat	0
5.1	ES child		Wheat		1.3	Chestnuts		Almonds	0
4.8	UK vegetarian		Coconuts		0.7	Wheat		Almonds	0
4.7	ES adult		Almonds		0.9	Walnuts		Wheat	0
4.6	DK child		Wheat		1.6	Rye		Potatoes	0
4.1	IT adult		Wheat		0.8	Chestnuts		Walnuts	0
3.9	FR infant		Almonds			Walnuts		Wheat	1
3.3	FR all population	1.2	Wheat		0.7	Pistachios	0.3	Wine grapes	0
3.3	UK Adult	0.8	Coconuts		0.6	Wheat	0.3	Sugar beet (root)	0
3.2	UK Infant		Wheat		0.7	Sugar beet (root)		Maize	1.
3.0	PT General population		Wheat		0.4	Potatoes		Rice	1.
3.0	PL general population		Walnuts		0.2	Potatoes		Apples	0
2.5	SE general population 90th percentile		Wheat		0.3	Potatoes		Rice	1.
2.3	LT adult	0.4	Pecans		0.4	Rye		Wheat	0.
1.5	DK adult		Wheat		0.2	Rye		Potatoes	0.
1.1	FI adult	0.4	Wheat		0.2	Rye	0.1	Potatoes	0
					-				



The acute risk	assessment is based on the	e ARfD.									
For each comm	odity the calculation is bas	ed on the highes	t reported MS cons	sumption per kg bw	and the correspon	ding unit weight fro	m the MS with the crit	ical consumption.	If no data on the un	it weight was available from that	MS an average
European unit v	veight was used for the IES	TI calculation.									
In the IESTI 1	calculation, the variability fac	ctors were 10, 7	or 5 (according to J	MPR manual 2002)	, for lettuce a varia	ability factor of 5 wa	s used.				
In the IESTI 2	calculations, the variability fa	actors of 10 and	7 were replaced by	5. For lettuce the d	alculation was per	formed with a varia	oilty factor of 3.				
Threshold MR	L is the calculated residue	level which would	d leads to an expos	sure equivalent to 1	00 % of the ARfD.						
	lities for which ARfD/ADI		No of commoditi			No of commodit				es for which ARfD/ADI is	
is exceeded (I	ESTI 1):		ARfD/ADI is exce	eded (IESTI 2):		ARfD/ADI is exce	eded (IESTI 1):		exceeded (IESTI	2):	
IESTI 1	*)	**)	IESTI 2	*)	**)	IESTI 1	*)	**)	IESTI 2	*)	**)
		pTMRL/			pTMRL/			pTMRL/			pTMRL
Highest % o	f	threshold MRL	Highest % of		threshold MRL	Highest % of		threshold MRL	Highest % of		threshold I
ARfD/ADI	Commodities	(mg/kg)	ARfD/ADI	Commodities	(mg/kg)	ARfD/ADI	Commodities	(mg/kg)	ARfD/ADI	Commodities	(mg/kg
6.0	Chestnuts	10 / -	6.0	Chestnuts	10 / -	2.6	Chestnuts	10 / -	2.6	Chestnuts	10 / -
No of critical I	MRLs (IESTI 1)					No of critical MR	Ls (IESTI 2)				
110 01 011110011						110 01 01111011 1111					
	lities for which ARfD/ADI					No of commodit					
No of commod	intes for willer ARID/ADI					ARfD/ADI is exce	eded:				
No of commod is exceeded:	THE STOT WHICH AND ADI		ł					***)			
	MILES TOT WITCH AND ADI	***)									
	Miles for which AND/AD							pTMRL/			
		***)				Highest % of	Processed	pTMRL/ threshold MRL			
is exceeded:		***) pTMRL/				Highest % of ARfD/ADI	Processed commodities				
is exceeded:  Highest % c	f Processed	pTMRL/ threshold MRL						threshold MRL			
is exceeded:  Highest % c	f Processed	pTMRL/ threshold MRL						threshold MRL			
is exceeded:  Highest % c	f Processed	pTMRL/ threshold MRL						threshold MRL			
is exceeded: Highest % c	f Processed commodities	pTMRL/ threshold MRL (mg/kg)				ARfD/ADI	commodities	threshold MRL (mg/kg)			
Highest % c ARID/ADI  *) The results of	f Processed commodities	pTMRL/ threshold MRL (mg/kg)	ast 5 commodities.	If the ARfD is exce	seded for more tha	ARfD/ADI	commodities	threshold MRL (mg/kg)	ed.		
Highest % c ARfD/ADI  *) The results o **) pTMRL: prov	f Processed commodities  f the IESTI calculations are isional temporary MRL	pTMRL/ threshold MRL (mg/kg)		If the ARfD is exce	eeded for more tha	ARfD/ADI	commodities	threshold MRL (mg/kg)	ed.		
Highest % c ARfD/ADI  *) The results o **) pTMRL: prov	f Processed commodities	pTMRL/ threshold MRL (mg/kg)		If the ARfD is exce	eeded for more tha	ARfD/ADI	commodities	threshold MRL (mg/kg)	ed.		
Highest % c ARfD/ADI  *) The results o **) pTMRL: prov	f Processed commodities  f the IESTI calculations are issional temporary MRL invisional temporary MRL for	pTMRL/ threshold MRL (mg/kg)		If the ARfD is exce	seded for more tha	ARfD/ADI	commodities	threshold MRL (mg/kg)	ed.		
*) The results o	f Processed commodities  f the IESTI calculations are issional temporary MRL invisional temporary MRL for	pTMRL/ threshold MRL (mg/kg)	mmodity			ARfD/ADI	commodities  II IESTI values > 90%	threshold MRL (mg/kg)	ed.		
#) The results on "*) pTMRL: pro "**) pTMRL: pro "**) pTMRL: pro Conclusion For Sulfuryl fluc	f Processed commodities  f the IESTI calculations are isional temporary MRL for :	pTMRL/ threshold MRL (mg/kg)  reported for at le unprocessed cor	mmodity food commodities	for which pTMRLs v		ARfD/ADI	commodities  II IESTI values > 90%	threshold MRL (mg/kg)	ed.		



# Appendix C. EXISTING EU MAXIMUM RESIDUE LIMITS (MRLs)

# **Sulfuryl Fluoride**

(Pesticides - Web Version - EU MRLs (File created on 27/01/2012 14:22))

Code number	Groups and examples of individual products to which the MRLs apply (a)	Sulfuryl fluoride
100000	1. FRUIT FRESH OR FROZEN; NUTS	
110000	(i) Citrus fruit	0,01*
110010	Grapefruit (Shaddocks, pomelos, sweeties, tangelo (except mineola), ugli and other hybrids)	0,01*
110020	Oranges (Bergamot, bitter orange, chinotto and other hybrids)	0,01*
110030	Lemons (Citron, lemon)	0,01*
110040	Limes	0,01*
110050	Mandarins (Clementine, tangerine, mineola and other hybrids)	0,01*
110990	Others	0,01*
120000	(ii) Tree nuts (shelled or unshelled)	10
120010	Almonds	10
120020	Brazil nuts	10
120030	Cashew nuts	10
120040	Chestnuts	10
120050	Coconuts	10
120060	Hazelnuts (Filbert)	10
120070	Macadamia	10
120080	Pecans	10
120090	Pine nuts	10
120100	Pistachios	10
120110	Walnuts	10
120990	Others	10
130000	(iii) Pome fruit	0,01*
130010	Apples (Crab apple)	0,01*
130020	Pears (Oriental pear)	0,01*
130030	Quinces	0,01*

130040	Medlar	0,01*
130050	Loquat	0,01*
130990	Others	0,01*
140000	(iv) Stone fruit	0,01*
140010	Apricots	0,01*
140020	Chemies (sweet chemies, sour chemies)	0,01*
140030	Peaches (Nectarines and similar hybrids)	0,01*
140040	Plums (Damson, greengage,	0,01*
	mirabelle, sloe)	
140990	Others	0,01*
150000	(v) Berries & small fruit	0,01*
151000	(a) Table and wine grapes	0,01*
151010	Table grapes	0,01*
151020	Wine grapes	0,01*
152000	(b) Strawberries	0,01*
153000	(c) Cane fruit	0,01*
153010	Blackberries	0,01*
153020	Dewberries (Loganberries,	0,01*
	boysenberries, and cloudberries)	
153030	Raspbernies (Winebernies, arctic bramble/raspberry, (Rubus arcticus), nectar raspbernies	0,01*
	(Rubus arcticus x idaeus))	
153990	Others	0.01*
154000	(d) Other small fruit & berries	0,01*
154010	Blueberries (Bilberries )	0,01*
154020	Cranberries (Cowberries (red bilberries))	0,01*
154030	Currants (red, black and white)	0.01*
154040	Gooseberries (Including hybrids	0,01*
134040	with other ribes species)	0,01**
154050	Rose hips	0.01*
154060	Mulberries (arbutus berry)	0,01*
154070	Azarole (mediteranean medlar)	0,01*
134070	(Kiwiberry (Actinidia arguta))	0,01
154080	Elderberries (Black	0,01*
15 1000	chokeberry (appleberry),	0,01
	mountain ash, buckthorn (sea	
	sallowthom), hawthom, service	
	berries, and other treeberries)	
154990	Others	0,01*
160000	(vi) Miscellaneous fruit	0,01*
161000	(a) Edible peel	0,01*
161010	Dates	0,01*
161020	Figs	0,01*
161030	Table olives	0,01*
101020	Table Onves	0,01

161040	Kumquats (Marumi kumquats, nagami kumquats, limequats (Citrus aurantifolia x Fortunella	0,01*
	spp.))	
161050	Carambola (Bilimbi)	0,01*
161060	Persimmon	0,01*
161070	Jambolan (java plum) (Java apple	0,01*
	(water apple), pomerac, rose	
	apple, Brazilean cherry Surinam	
	cherry (grumichama Eugenia	
	uniflora), )	0.011
161990	Others	0,01*
162000	(b) Inedible peel, small	0,01*
162010	Kiwi	0,01*
162020	Lychee (Litchi) (Pulasan,	0,01*
	rambutan (hairy litchi),	
	mangosteen)	0.011
162030	Passion fruit	0,01*
162040	Prickly pear (cactus fruit)	0,01*
162050	Star apple	0,01*
162060	American persimmon (Virginia	0,01*
	kaki) (Black sapote, white sapote,	
	green sapote, canistel (yellow	
	sapote), and mammey sapote)	0.011
162990	Others	0,01*
163000	(c) Inedible peel, large	0,01*
163010	Avocados	0,01*
163020	Bananas (Dwarf banana, plantain,	0,01*
1 52020	apple banana)	0.014
163030	Mangoes	0,01*
163040	Papaya	0,01*
163050	Pomegranate	0,01*
163060	Cherimoya (Custard apple, sugar	0,01*
	apple (sweetsop), llama and other	
1,00070	medium sized Annonaceae)	0.01*
163070	Guava (Red pitaya or dragon fruit	0,01*
163080	(Hylocereus undatus)) Pineapples	0.01*
	**	0,01*
163090	Bread fruit (Jackfruit)	0,01*
163100	Durian	0,01*
163110	Soursop (guanabana)	0,01*
163990	Others	0,01*
200000	2. VEGETABLES FRESH OR FROZEN	0,01*
210000	(i) Root and tuber vegetables	0,01*
211000	(a) Potatoes	0,01*
212000	(b) Tropical root and tuber vegetables	0,01*
212010	Cassava (Dasheen, eddoe (Japanese taro), tannia)	0,01*

212020	Sweet potatoes	0,01*
212030	Yams (Potato bean (yam bean),	0,01*
212000	Mexican yam bean)	0,01
212040	Arrowroot	0,01*
212990	Others	0.01*
213000	(c) Other root and tuber	0,01*
	vegetables except sugar beet	-,
213010	Beetroot	0,01*
213020	Carrots	0,01*
213030	Celeriac	0,01*
213040	Horseradish (Angelica roots,	0,01*
	lovage roots, gentiana roots, )	
213050	Jerusalem artichokes	0,01*
213060	Parsnips	0,01*
213070	Parsley root	0,01*
213080	Radishes (Black radish, Japanese	0,01*
	radish, small radish and similar	ĺ
	varieties, tiger nut (Cyperus	
	esculentus))	
213090	Salsify (Scorzonera, Spanish	0,01*
	salsify (Spanish oysterplant))	
213100	Swedes	0,01*
213110	Turnips	0,01*
213990	Others	0,01*
220000	(ii) Bulb vegetables	0,01*
220010	Gartic	0,01*
220020	Onions (Silverskin onions)	0,01*
220030	Shallots	0,01*
220040	Spring onions (Welsh onion and	0,01*
*****	similar varieties)	0.011
220990	Others	0,01*
230000	(iii) Fruiting vegetables	0,01*
231000	(a) Solanacea	0,01*
231010	Tomatoes (Cherry tomatoes, tree	0,01*
	tomato, Physalis, gojiberry, wolfberry (Lycium barbarum and	
	L. chinense))	
231020	Peppers (Chilli peppers)	0,01*
231020	Aubergines (egg plants) (Pepino)	0,01*
231040	Okra, lady's fingers	0,01*
231990	Others	0,01*
232000	(b) Cucurbits - edible peel	0,01*
232010	Cucumbers	0,01*
232020	Gherkins	0,01*
232020	Courgettes (Summer squash,	0,01*
232030	marrow (patisson))	0,01
232990	Others	0,01*
233000	(c) Cucurbits-inedible peel	0,01*
233010	Melons (Kiwano )	0,01*
233020	Pumpkins (Winter squash)	0,01*
	Tangama (Trinker separati)	0,01



233030	Watermelons	0,01*
233990	Others	0,01*
234000	(d) Sweet com	0,01*
239000	(e) Other fruiting vegetables	0,01*
240000	(iv) Brassica vegetables	0,01*
241000	(a) Flowering brassica	0,01*
241010	Broccoli (Calabrese, Chinese	0,01*
	broccoli, broccoli raab )	
241020	Cauliflower	0,01*
241990	Others	0,01*
242000	(b) Head brassica	0,01*
242010	Brussels sprouts	0,01*
242020	Head cabbage (Pointed head	0,01*
	cabbage, red cabbage, savoy	
	cabbage, white cabbage)	
242990	Others	0,01*
243000	(c) Leafy brassica	0,01*
243010	Chinese cabbage (Indian	0,01*
	(Chinese) mustard, pak choi,	
	Chinese flat cabbage (tai goo	
	choi), choi sum, peking cabbage (pe-tsai), )	
243020	Kale (Borecole (curly kale),	0,01*
243020	collards, Portuguese Kale,	0,01
	Portuguese cabbage, cow	
	cabbage)	
243990	Others	0,01*
244000	(d) Kohlrabi	0,01*
250000	(v) Leaf vegetables & fresh herbs	0,01*
251000	(a) Lettuce and other salad plants	0,01*
	including Brassicacea	
251010	Lamb's lettuce (Italian comsalad)	0,01*
251020	Lettuce (Head lettuce, lollo rosso	0,01*
	(cutting lettuce), iceberg lettuce,	
	romaine (cos) lettuce)	
251030	Scarole (broad-leaf endive) (Wild	0,01*
	chicory, red-leaved chicory,	
	radicchio, curld leave endive,	
*****	sugar loaf)	0.041
251040	Cress	0,01*
251050	Land cress	0,01*
251060	Rocket, Rucola (Wild	0,01*
251070	rocket)  Red mustard	0,01*
251070	Leaves and sprouts of Brassica	0,01*
2000 عند	spp (Mizuna, leaves of peas and	0,01
	radish and other babyleaf brassica	
	crops (crops harvested up to 8	
	true leaf stage))	
251990	Others	0,01*

252000	(b) Spinach & similar (leaves)	0,01*
252010	Spinach (New Zealand spinach,	0,01*
	amaranthus spinach)	
252020	Purslane (Winter purslane	0,01*
	(miner's lettuce), garden purslane,	
	common purslane, sorrel,	
	glassworth, Agretti (Salsola	
	soda))	
252030	Beet leaves (chard) (Leaves of	0,01*
	beetroot)	
252990	Others	0,01*
253000	(c) Vine leaves (grape leaves)	0,01*
254000	(d) Water cress	0,01*
255000	(e) Witloof	0,01*
256000	(f) Herbs	0.01*
256010	Chervil	0,01*
256020		0,01*
	Chives	
256030	Celery leaves (Fennel leaves,	0,01*
	Coriander leaves, dill leaves,	
	Caraway leaves, lovage, angelica,	
	sweet cisely and other Apiacea	
*****	leaves)	0.011
256040	Parsley	0,01*
256050	Sage (Winter savory, summer	0,01*
	savory,)	
256060	Rosemary	0,01*
256070	Thyme (Marjoram, oregano)	0,01*
256080	Basil (Balm leaves, mint,	0,01*
	peppermint)	
256090	Bay leaves (laurel)	0,01*
256100	Tarragon (Hyssop)	0,01*
256990	Others (Edible flowers )	0,01*
260000	(vi) Legume vegetables (fresh)	0,01*
260010	Beans (with pods) (Green	0,01*
	bean (french beans, snap beans),	-
	scarlet runner bean, slicing bean,	
	yardlong beans)	
260020	Beans (without pods) (Broad	0,01*
	beans, Flageolets, jack bean, lima	-,
	bean, cowpea)	
260030	Peas (with pods) (Mangetout	0.01*
200000	(sugar peas, snow peas))	5,52
260040	Peas (without pods) (Garden pea,	0,01*
2000-0	green pea, chickpea)	0,01
260050	Lentils	0,01*
260990	Others	0,01*
270000	(vii) Stem vegetables (fresh)	0,01*
270010	Asparagus	0,01*
270020	Cardoons	0,01*
270030	Celery	0,01*

270040	Fennel	0,01*
270050	Globe artichokes	0,01*
270060	Leek	0,01*
270070	Rhubarb	0,01*
270080	Bamboo shoots	0,01*
270090	Palm hearts	0,01*
270990	Others	0,01*
280000	(viii) Fungi	0,01*
280010	Cultivated (Common mushroom,	0,01*
	Oyster mushroom, Shi-take)	
280020	Wild (Chanterelle, Truffle, Morel,	0,01*
	Cep)	
280990	Others	0,01*
290000	(ix) Sea weeds	0,01*
300000	3. PULSES, DRY	0,01*
300010	Beans (Broad beans, navy beans,	0,01*
	flageolets, jack beans, lima beans,	
	field beans, cowpeas)	
300020	Lentils	0,01*
300030	Peas (Chickpeas, field peas,	0,01*
	chickling vetch)	
300040	Lupins	0,01*
300990	Others	0,01*
400000	4. OILSEEDS AND	0,01*
	OILFRUITS	
401000	(i) Oilseeds	0,01*
401010	Linseed	0,01*
401020	Peanuts	0,01*
401030	Poppy seed	0,01*
401040	Sesame seed	0,01*
401050	Sunflower seed	0,01*
401060	Rape seed (Bird rapeseed, turnip	0,01*
	rape)	
401070	Soya bean	0,01*
401080	Mustard seed	0,01*
401090	Cotton seed	0,01*
401100	Pumpkin seeds (Other seeds of	0,01*
101110	cucurbitacea)	0.044
401110	Safflower	0,01*
401120	Borage	0,01*
401130	Gold of pleasure	0,01*
401140	Hempseed	0,01*
401150	Castor bean	0,01*
401990	Others	0,01*
402000	(ii) Oilfruits	0,01*
402010	Olives for oil production	0,01*
402020	Palm nuts (palmoil kemels)	0,01*
402030	Palmfruit	0,01*
402040	Kapok	0,01*
402990	Others	0,01*

500000         5.CEREALS         0,05           500010         Barley         0,05           500020         Buckwheat (Amaranthus, quinoa)         0,05           500030         Maize         0,05           500040         Millet (Foxtail millet, teff)         0,05           500050         Oats         0,05           500060         Rice         0,05           500070         Rye         0,05           500090         Wheat (Spelt, triticale)         0,05           500990         Others         0,05           600000         6.TEA, COFFEE, HERBAL INFUSIONS AND COCOA         0,02*           610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           630000         (ii) Coffee beans         0,02*           630000         (ii) Herbal infusions (dried)         0,02*           631010         Camomille flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers         0,02*           631030         Rose petals         0,02*           631050         Lime (linden)         0,02*           631090         Others         0,02*		T	
500020         Buckwheat (Amaranthus, quinoa)         0,05           500030         Maize         0,05           500040         Millet (Foxtail millet, teff)         0,05           500050         Oats         0,05           500060         Rice         0,05           500070         Rye         0,05           500090         Wheat (Spelt, triticale)         0,05           500990         Others         0,05           600000         6.TEA, COFFEE, HERBAL         0,02*           610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           620000         (ii) Coffee beans         0,02*           630000         (iii) Herbal infusions (dried)         0,02*           631010         Camomille flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté	500000	5. CEREALS	0,05
500030         Maize         0,05           500040         Millet (Foxtail millet, teff)         0,05           500050         Oats         0,05           500060         Rice         0,05           500070         Rye         0,05           500090         Wheat (Spelt, triticale)         0,05           500990         Others         0,05           600000         6.TEA, COFFEE, HERBAL (0,02*           INFUSIONS AND COCOA         10 Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           620000         (i) Coffee beans         0,02*           630000         (ii) Herbal infusions (dried)         0,02*           631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           633000         (c) Roots         0,02* </td <td></td> <td></td> <td></td>			
500040         Millet (Foxtail millet, teff)         0,05           500050         Oats         0,05           500060         Rice         0,05           500070         Rye         0,05           500080         Sorghum         0,05           500090         Wheat (Spelt, triticale)         0,05           500990         Others         0,05           600000         6. TEA, COFFEE, HERBAL INFUSIONS AND COCOA         0,02*           610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           630000         (ii) Coffee beans         0,02*           630000         (ii) Herbal infusions (dried)         0,02*           631000         (a) Flowers         0,02*           631000         (a) Flowers         0,02*           631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawberny leaves         0,0			
500050         Oats         0,05           500060         Rice         0,05           500070         Rye         0,05           500080         Sorghum         0,05           500090         Wheat (Spelt, triticale )         0,05           500990         Others         0,05           600000         6. TEA, COFFEE, HERBAL INFUSIONS AND COCOA         0,02*           610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           630000         (ii) Coffee beans         0,02*           630000         (iii) Herbal infusions (dried)         0,02*           631000         (a) Flowers         0,02*           631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers         0,02*           (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawbeny leaves         0,02*           632020         Rooibos kaves (Ginkgo leaves)         0,02*			
500060         Rice         0,05           500070         Rye         0,05           500080         Sorghum         0,05           500090         Wheat (Spelt, triticale)         0,05           500990         Others         0,05           600000         6.TEA, COFFEE, HERBAL INFUSIONS AND COCOA         0,02*           610000         (i) Tea (dried leaves and stalks, fermetel or otherwise of Cameralia sinensis)         0,02*           620000         (ii) Coffee beans         0,02*           630000         (iii) Herbal infusions (dried)         0,02*           631000         (ii) Flowers         0,02*           631010         Cannomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632020         Rooibos	500040	Millet (Foxtail millet, teff)	0,05
500070         Rye         0,05           500080         Sorghum         0,05           500090         Wheat (Spelt, triticale)         0,05           500990         Others         0,05           600000         6. TEA, COFFEE, HERBAL INFUSIONS AND COCOA         0,02*           610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           630000         (ii) Offee beans         0,02*           631000         (a) Flowers         0,02*           631000         (a) Flowers         0,02*           631010         Camornille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawbeny leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           633000         (c) Roots         0,02*           633000         Valerian root         0,02	500050	Oats	0,05
500080         Sorghum         0,05           500090         Wheat (Spelt, triticale )         0,05           500990         Others         0,05           600000         6. TEA, COFFEE, HERBAL INFUSIONS AND COCOA           610000         (i) Tea (dricd leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           620000         (ii) Coffee beans         0,02*           630000         (iii) Herbal infusions (dried)         0,02*           631000         (a) Flowers         0,02*           631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawbenry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root	500060	Rice	0,05
500090         Wheat (Spelt, triticale)         0,05           500990         Others         0,05           600000         6.TEA, COFFEE, HERBAL INFUSIONS AND COCOA         0,02*           610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           620000         (ii) Coffee beans         0,02*           630000         (iii) Herbal infusions (dried)         0,02*           631010         Camomille flowers         0,02*           631010         Camomille flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633020         Ginseng root         0,02*           633000         <	500070		0,05
500990         Others         0,05           600000         6.TEA, COFFEE, HERBAL (1) (1)2*           600000         6.TEA, COFFEE, HERBAL (1) (1)2*           610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)           620000         (ii) Coffee beans (1)2*           630000         (iii) Herbal infusions (dried) (1)2*           631000         (a) Flowers (1)2*           631010         Camomille flowers (1)2*           631030         Rose petals (1)2*           631030         Rose petals (1)2*           631040         Jasmine flowers (Elderflowers (2)2*           631040         Jasmine flowers (Elderflowers (2)2*           631990         Others (2)2*           632000         (b) Leaves (2)2*           632010         Strawberry leaves (2)2*           632020         Rooibos leaves (Ginkgo leaves) (2)2*           632030         Maté (2) (2)2*           632030         Maté (2) (2)2*           633010         Valerian root (2)2*           633010         Valerian root (2)2*           633020         Ginseng root (2)2*           633000         (3) Others (2)2*           639000         (4) Other herbal infusions (2)2*           640000         (iv) C	500080		0,05
600000   6. TEA, COFFEE, HERBAL INFUSIONS AND COCOA   610000   (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)   620000   (ii) Coffee beans   0,02*   630000   (iii) Herbal infusions (dried)   0,02*   631000   (a) Flowers   0,02*   631010   Camonille flowers   0,02*   631020   Hybiscus flowers   0,02*   631030   Rose petals   0,02*   631030   Jasmine flowers (Elderflowers   0,02*   631030   Lime (linden)   0,02*   631050   Lime (linden)   0,02*   631990   Others   0,02*   632000   (b) Leaves   0,02*   632010   Strawberry leaves   0,02*   632020   Rooibos kaves (Ginkgo leaves)   0,02*   632030   Maté   0,02*   632030   Maté   0,02*   633000   (c) Roots   0,02*   633000   (c) Roots   0,02*   633000   (d) Other herbal infusions   0,02*   633000   (d) Other herbal infusions   0,02*   633000   (v) Cocoa (fermented beans)   0,02*   630000   (v) Carob (st johns bread)   0,02*   650000   7. HOPS (dried) , including hop pellets and unconcentrated powder   800000   8. SPICES   0,02*   810010   Anise   0,02*   810020   Black caraway   0,02*   810030   Celery seed (Lovage seed)   0,02*   810030   Curnin seed   0,02*   810050   Curnin seed   0,02*	500090	Wheat (Spelt, triticale )	0,05
INFUSIONS AND COCOA	500990		0,05
610000         (i) Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)         0,02*           620000         (ii) Coffèe beans         0,02*           630000         (iii) Herbal infusions (dried)         0,02*           631000         (a) Flowers         0,02*           631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasnnine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           632000         (b) Leaves         0,02*           632010         Strawberny leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633000         (c) Roots         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639900         (d) Other herbal infusions         0,02*           650000         (v) Carob (st johns bread)         0,02*           650000         (v) Carob (st jo	600000		0,02*
fermented or otherwise of Camellia sinensis)  620000 (ii) Coffee beans 0,02* 630000 (iii) Herbal infusions (dried) 0,02* 631000 (a) Flowers 0,02* 631010 Camomille flowers 0,02* 631020 Hybiscus flowers 0,02* 631030 Rose petals 0,02* 631040 Jasmine flowers (Elderflowers 0,02* 631040 Jasmine flowers (Elderflowers 0,02* 631050 Lime (linden) 0,02* 631990 Others 0,02* 632000 (b) Leaves 0,02* 632010 Strawberry leaves 0,02* 632020 Rooibos leaves (Ginkgo leaves) 0,02* 632030 Maté 0,02* 632030 Maté 0,02* 632030 Others 0,02* 633000 (c) Roots 0,02* 633000 (c) Roots 0,02* 633010 Valerian root 0,02* 633020 Ginseng root 0,02* 633020 Ginseng root 0,02* 633990 Others 0,02* 633990 Others 0,02* 639000 (d) Other herbal infusions 0,02* 640000 (iv) Cocco (fermented beans) 0,02* 650000 (v) Carob (st johns bread) 0,02* 650000 (v) Carob (st johns bread) 0,02* 800000 8. SPICES 0,02* 810000 Giseeds 0,02* 810000 Black caraway 0,02* 810010 Anise 0,02* 810030 Celery seed (Lovage seed) 0,02* 810040 Coriander seed 0,02*			
Camellia sinensis   Came	610000		0,02*
620000         (ii) Coffee beans         0,02*           630000         (iii) Herbal infusions (dried)         0,02*           631000         (a) Flowers         0,02*           631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631050         Lime (linden)         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos kaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632030         Maté         0,02*           633010         Valerian root         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633090         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000			
630000         (iii) Herbal infusions (dried)         0,02*           631000         (a) Flowers         0,02*           631010         Carnomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers         0,02*           631040         Jasmine flowers (Elderflowers         0,02*           631050         Lime (linden)         0,02*           631990         Others         0,02*           632010         Strawberry leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos keaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633020         Ginseng root         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (y) Carob (si johns bread)         0,02* <tr< td=""><td></td><td></td><td></td></tr<>			
631000         (a) Flowers         0,02*           631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (Sambucus nigra))         0,02*           631040         Lime (linden)         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawbeny leaves         0,02*           632020         Rooibos kaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           810000         (j) Seeds         0,02*	620000		
631010         Camomille flowers         0,02*           631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmie flowers (Elderflowers (Sambucus nigraj))         0,02*           631050         Lime (linden)         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*	630000	(iii) Herbal infusions (dried)	0,02*
631020         Hybiscus flowers         0,02*           631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (0,02*           631040         Jasmine flowers (Elderflowers (0,02*           631050         Lime (linden)         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawbenry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632030         Others         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000	631000	(a) Flowers	
631030         Rose petals         0,02*           631040         Jasmine flowers (Elderflowers (0,02*)           631040         Jasmine flowers (Elderflowers (0,02*)           631050         Lime (linden)         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632090         Others         0,02*           633010         Valerian root         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633000         (d) Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           7 HOPS (dried), including hop pellets and unconcentrated prowder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810000         Black ca	631010	Camomille flowers	0,02*
631040         Jasmine flowers (Elderflowers (Sambucus nigra))           631050         Lime (linden)         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632090         Others         0,02*           633010         Valerian root         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	631020		0,02*
(Sambucus nigra)) 631050	631030	Rose petals	0,02*
631050         Lime (linden)         0,02*           631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632090         Others         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Cumin seed         0,02*	631040	Jasmine flowers (Elderflowers	0,02*
631990         Others         0,02*           632000         (b) Leaves         0,02*           632010         Strawbeny leaves         0,02*           632020         Rooibos kaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           650000         (v) Carod (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*		(Sambucus nigra))	
632000         (b) Leaves         0,02*           632010         Strawberry leaves         0,02*           632020         Rooibos kaves (Ginkgo kaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*		Lime (linden)	
632010         Strawberry leaves         0,02*           632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633000         (c) Roots         0,02*           633010         Vakerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (i) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	631990	Others	0,02*
632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	632000		0,02*
632020         Rooibos leaves (Ginkgo leaves)         0,02*           632030         Maté         0,02*           632990         Others         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	632010	Strawberry leaves	0,02*
632990         Others         0,02*           633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810010         Anise         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Cumin seed         0,02*	632020	Rooibos leaves (Ginkgo leaves)	0,02*
633000         (c) Roots         0,02*           633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Cumin seed         0,02*	632030	Maté	0,02*
633010         Valerian root         0,02*           633020         Ginseng root         0,02*           633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Cumin seed         0,02*	632990	Others	0,02*
633020         Ginseng root         0,02*           633990         Others         0,02*           639900         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	633000	(c) Roots	
633990         Others         0,02*           639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (j) Seeds         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	633010	Valerian root	0,02*
639000         (d) Other herbal infusions         0,02*           640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (i) Seeds         0,02*           810010         Anise         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	633020	Ginseng root	0,02*
640000         (iv) Cocoa (fermented beans)         0,02*           650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (i) Seeds         0,02*           810010         Anise         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Conander seed         0,02*           810050         Cumin seed         0,02*	633990	Others	0,02*
650000         (v) Carob (st johns bread)         0,02*           700000         7. HOPS (dried), including hop pellets and unconcentrated powder         0,02*           800000         8. SPICES         0,02*           810000         (i) Seeds         0,02*           810010         Anise         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Cumin seed         0,02*	639000	(d) Other herbal infusions	0,02*
700000 7. HOPS (dried) , including hop pellets and unconcentrated powder  800000 8. SPICES 0,02* 810000 (i) Seeds 0,02* 810010 Anise 0,02* 810020 Black caraway 0,02* 810030 Celery seed (Lovage seed) 0,02* 810040 Coriander seed 0,02* 810050 Cumin seed 0,02*	640000	(iv) Cocoa (fermented beans)	0,02*
pellets and unconcentrated   powder	650000		0,02*
pellets and unconcentrated   powder	700000	7. HOPS (dried), including hop	0,02*
800000         8. SPICES         0,02*           810000         (i) Seeds         0,02*           810010         Anise         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*		pellets and unconcentrated	
810000         (i) Seeds         0,02*           810010         Anise         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*			
810010         Anise         0,02*           810020         Black caraway         0,02*           810030         Celery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	800000	8. SPICES	0,02*
810020         Black caraway         0,02*           810030         Cekery seed (Lovage seed)         0,02*           810040         Coriander seed         0,02*           810050         Curnin seed         0,02*	810000	(i) Seeds	0,02*
810030         Cekery seed (Lovage seed)         0,02*           810040         Contander seed         0,02*           810050         Curnin seed         0,02*	810010	Anise	
810040         Coriander seed         0,02*           810050         Cumin seed         0,02*	810020		
810040         Coriander seed         0,02*           810050         Cumin seed         0,02*	810030	Celery seed (Lovage seed)	0,02*
	810040		
810060 Dill seed 0,02*	810050	Cumin seed	0,02*
	810060	Dill seed	0,02*



810070	Fennel seed	0,02*
810080	Fenugreek	0,02*
810090	Nutrneg	0,02*
810990	Others	0,02*
820000	(ii) Fruits and berries	0,02*
820010	Allspice	0,02*
820020	Anise pepper (Japan pepper)	0,02*
820030	Caraway	0,02*
820040	Cardamom	0,02*
820050	Juniper berries	0,02*
820060	Pepper, black and white (Long	0,02*
	pepper, pink pepper)	
820070	Vanilla pods	0,02*
820080	Tamarind	0,02*
820990	Others	0,02*
830000	(iii) Bark	0,02*
830010	Cinnamon (Cassia )	0,02*
830990	Others	0,02*
840000	(iv) Roots or rhizome	0,02*
840010	Liquorice	0,02*
840020	Ginger	0,02*
840030	Turmeric (Curcuma)	0,02*
840040	Horseradish	0,02*
840990	Others	0,02*
850000	(v) Buds	0,02*
850010	Cloves	0,02*
850020	Capers	0,02*
850990	Others	0,02*
860000	(vi) Flower stigma	0,02*
860010	Saffron	0,02*
860990	Others	0,02*
870000	(vii) Aril	0,02*
870010	Mace	0,02*
870990	Others	0,02*
900000	9. SUGAR PLANTS	0,01*

900010	Sugar beet (root)	0,01*
900020	Sugar cane	0,01*
900030	Chicory roots	0,01*
900990	Others	0,01*
1000000	10. PRODUCTS OF ANIMAL	
	ORIGIN-TERRESTRIAL	
	ANIMALS	
1010000	<ol><li>Meat, preparations of meat,</li></ol>	
	offals, blood, animal fats fresh	
	chilled or frozen, salted, in brine,	
	dried or smoked or processed as	
	flours or meals other processed	
	products such as sausages and	
	food preparations based on these	
1011000	(a) Swine	
1011010	Meat	
1011020	Fat free of lean meat	
1011030	Liver	
1011040	Kidney	
1011050	Edible offal	
1011990	Others	
1012000	(b) Bovine	
1012010	Meat	
1012020	Fat	
1012030	Liver	
1012040	Kidney	
1012050	Edible offal	
1012990	Others	
1013000	(c) Sheep	
1013010	Meat	
1013020	Fat	
1013030	Liver	
1013040	Kidney	
1013050	Edible offal	
1013990	Others	

1014000	(d) Goat	
1014010	Meat	
1014020	Fat	
1014030	Liver	
1014040	Kidney	
1014050	Edible offal	
1014990	Others	
1015000	(e) Horses, asses, mules or hinnies	
1015010	Meat	
1015020	Fat	
1015030	Liver	
1015040	Kidney	
1015050	Edible offal	
1015990	Others	
1016000	(f) Poultry -chicken, geese, duck,	
	turkey and Guinea fowl-, ostrich,	
	pigeon	
1016010	Meat	
1016020	Fat	
1016030	Liver	
1016040	Kidney	
1016050	Edible offal	
1016990	Others	
1017000	(g) Other farm animals (Rabbit, Kangaroo)	
1017010	Meat	
1017020	Fat	
1017030	Liver	
1017040	Kidney	
1017050	Edible offal	
1017990	Others	

1020000	(ii) Milk and cream, not	
	concentrated, nor containing	i
	added sugar or sweetening matter,	ı
	butter and other fats derived from	i
	milk, cheese and curd	
1020010	Cattle	
1020020	Sheep	
1020030	Goat	
1020040	Horse	
1020990	Others	
1030000	(iii) Birds' eggs, fresh preserved	
	or cooked Shelled eggs and egg	1
	yolks fresh, dried, cooked by	ı
	steaming or boiling in water,	1
	moulded, frozen or otherwise	ı
	preserved whether or not	1
	containing added sugar or	ı
	sweetening matter	
1030010	Chicken	
1030020	Duck	
1030030	Goose	
1030040	Quail	
1030990	Others	
1040000	(iv) Honey (Royal jelly, pollen)	
1050000	(v) Amphibians and reptiles	
	(Frog legs, crocodiles)	
1060000	(vi) Snails	
1070000	(vii) Other terrestrial animal	
	products	
	Others	
(*) Indica	ntes lower limit of analytical deter	rmination



# Fluoride Ion

(Pesticides - Web Version - EU MRLs (File created on 27/01/2012 14:41))

110010   Grapefruit (Shaddocks, pomelos, sweeties, tangelo (except mineola), ugli and other hybrids)   Oranges (Bergamot, bitter orange, chinotto and other hybrids)   110020   Lemons (Citron, lemon)   2*   110040   Limes   2*   110050   Mandarins (Clementine, tangerine, mineola and other hybrids)   110990   Others   2*   120000   (ii) Tree nuts (shelled or urshelled)   120010   Almonds   25   120020   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25	
FROZEN; NUTS   2*   110000   (i) Citrus fruit   2*   2*   110010   Grapefruit (Shaddocks, pomelos, sweeties, tangelo (except mineola), ugli and other hybrids)   110020   Oranges (Bergamot, bitter orange, chinotto and other hybrids)   110030   Lemons (Citron, lemon)   2*   110040   Limes   2*   2*   110050   Mandarins (Clementine, tangerine, mineola and other hybrids)   110090   Others   2*   2*   120000   (ii) Tree nuts (shelled or unshelled)   120010   Almonds   25   120020   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25   120050   Coconuts   25   120070   Macadamia   25   120070   Macadamia   25   120080   Pecans   25   120100   Pistachios   25   120110   Walnuts   25   120110   Walnuts   25   120110   Valnuts   25   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110	
110000	
110010   Grapefruit (Shaddocks, pomelos, sweeties, tangelo (except mineola), ugli and other hybrids)   0 ranges (Bergamot, bitter orange, chinotto and other hybrids)   110020   Lemons (Citron, lemon)   2*   110040   Limes   2*   110040   Limes   2*   110050   Mandarins (Clementine, tangerine, mineola and other hybrids)   110990   Others   2*   120000   (ii) Tree nuts (shelled or urshelled)   120010   Almonds   25   120030   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25   120050   Coconuts   25   120070   Macadamia   25   120070   Macadamia   25   120080   Pecans   25   120090   Pine nuts   25   120090   Pine nuts   25   120100   Pistachios   25   120110   Walnuts   25   120110   Walnuts   25   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   125   120110   12	
pomelos, sweeties, tangelo (except mineola), ugli and other hybrids)	
(except mineola), ugli and other hybrids)	
Inybrids   Inybrids   Oranges (Bergamot, bitter orange, chinotto and other hybrids)   I10030   Lemons (Citron, lemon)   2*   I10040   Limes   2*   2*   I10050   Mandarins (Clementine, tangerine, mineola and other hybrids)   I10990   Others   2*   I20000   (ii) Tree nuts (shelled or unshelled)   I20010   Almonds   25   I20020   Brazil nuts   25   I20030   Cashew nuts   25   I20040   Chestnuts   25   I20040   Chestnuts   25   I20060   Hazelnuts (Filbert)   25   I20070   Macadamia   25   I20080   Pecans   25   I20090   Pine nuts   25   I20090   Pine nuts   25   I20100   Pistachios   25   I20110   Walnuts   25   I20110   Walnuts   25   I20110   Valnuts   25   I20110   Valnuts   25   I20110   Investment   International orange of the property o	
Orange, chinotto and other hybrids    110030   Lemons (Citron, lemon)   2*   110040   Limes   2*   110050   Mandarins (Clementine, tangerine, mineola and other hybrids)   110990   Others   2*   2*   120000   (ii) Tree nuts (shelled or unshelled)   120010   Almonds   25   120020   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25   120050   Coconuts   25   120070   Macadamia   25   120070   Macadamia   25   120080   Pecans   25   120090   Pine nuts   25   120090   Pine nuts   25   120100   Pistachios   25   120110   Walnuts   25   120110   Walnuts   25   120110   Valnuts   25   120110   Valnuts   25   120110   Valnuts   25   120110   Valnuts   25   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110   120110	
hybrids   Lemons (Citron, lemon)   2*   110030   Lemons (Citron, lemon)   2*   110040   Limes   2*   110050   Mandarins (Clementine, tangerine, mineola and other hybrids)   110990   Others   2*   120000   (ii) Tree nuts (shelled or urshelled)   120010   Almonds   25   120020   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25   120050   Coconuts   25   120060   Hazelnuts (Filbert)   25   120070   Macadamia   25   120080   Pecans   25   120090   Pine nuts   25   120100   Pistachios   25   120110   Walnuts   25   120110   Walnuts   25   120110   Valnuts   25   120110   Valnuts   25   120110   Valnuts   25   120110   Valnuts   25   120110   120110   Valnuts   25   Valnuts   26   Valnuts   26   Valnuts   26   Valnuts   26   Valnuts   26   Val	
110030   Lemons (Citron, lemon)   2*   110040   Limes   2*   110050   Mandarins (Clementine, tangerine, mineola and other hybrids)   110990   Others   2*   120000   (ii) Tree nuts (shelled or unshelled)   120010   Almonds   25   120020   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25   120050   Coconuts   25   120060   Hazelnuts (Filbert)   25   120070   Macadamia   25   120080   Pecans   25   120090   Pine nuts   25   120090   Pine nuts   25   120090   Pine nuts   25   120100   Pistachios   25   120110   Walnuts   25   120110   Walnuts   25   120110   Walnuts   25   120110   Valnuts   26   Valnuts   27   Valnuts   27   Valnuts   27   Valnuts   27   Valnuts   28   Valnuts   28   Valnuts   28   Valnuts   28   Valnuts   28   Valnuts   28   Valnuts   Valnut	
110040   Limes   2*	
110050   Mandarins (Clementine, tangerine, mineola and other hybrids)   110990   Others   2*   120000   (ii) Tree nuts (shelled or unshelled)   120010   Almonds   25   120020   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25   120040   Chestnuts   25   120060   Hazelnuts (Filbert)   25   120070   Macadamia   25   120080   Pecans   25   120090   Pine nuts   25   120090   Pine nuts   25   120100   Pistachios   25   120110   Walnuts   25   120110   Walnuts   25   120110   Valnuts   26   Valnuts   27   Valnuts   27   Valnuts   27   Valnuts   27   Valnuts   28   Valnuts   Val	
tangerine, mineola and other hybrids)  110990 Others 2* 120000 (ii) Tree nuts (shelled or unshelled)  120010 Almonds 25 120020 Brazil nuts 25 120030 Cashew nuts 25 120040 Chestnuts 25 120040 Chestnuts 25 120060 Hazelnuts (Filbert) 25 120070 Macadamia 25 120080 Pecans 25 120090 Pine nuts 25 120100 Pistachios 25 120110 Walnuts 25	
hybrids   2*   110990   Others   2*   120000   (ii) Tree nuts (shelled or urshelled)   120010   Almonds   25   120020   Brazil nuts   25   120030   Cashew nuts   25   120040   Chestnuts   25   120050   Coconuts   25   120060   Hazelnuts (Filbert)   25   120070   Macadamia   25   120080   Pecans   25   120090   Pine nuts   25   120090   Pine nuts   25   120100   Pistachios   25   120110   Walnuts   25   120110   Walnuts   25   120110   Walnuts   25   120110   Walnuts   25   120110   Valnuts   26   Valnuts   27   Valnuts   27   Valnuts   27   Valnuts   27   Valnuts   28   Valnuts   Valnuts   28   Valnuts   Valnuts	
110990         Others         2*           120000         (ii) Tree nuts (shelled or urshelled)         25           120010         Almonds         25           120020         Brazil nuts         25           120030         Cashew nuts         25           120040         Chestnuts         25           120050         Coconuts         25           120060         Hazelnuts (Filbert)         25           120070         Macadarnia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120000     (ii) Tree nuts (shelled or unshelled)     25       120010     Almonds     25       120020     Brazil nuts     25       120030     Cashew nuts     25       120040     Chestnuts     25       120050     Coconuts     25       120060     Hazelnuts (Filbert)     25       120070     Macadamia     25       120080     Pecans     25       120090     Pine nuts     25       120100     Pistachios     25       120110     Walnuts     25	
urshelled)  120010 Almonds 25  120020 Brazil nuts 25  120030 Cashew nuts 25  120040 Chestnuts 25  120050 Coconuts 25  120060 Hazelnuts (Filbert) 25  120070 Macadamia 25  120080 Pecans 25  120090 Pine nuts 25  120100 Pistachios 25  120110 Walnuts 25	
120010         Almonds         25           120020         Brazil nuts         25           120030         Cashew nuts         25           120040         Chestnuts         25           120050         Coconuts         25           120060         Hazelnuts (Filbert)         25           120070         Macadamia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120020         Brazil nuts         25           120030         Cashew nuts         25           120040         Chestnuts         25           120050         Coconuts         25           120060         Hazelnuts (Filbert)         25           120070         Macadamia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120030         Cashew nuts         25           120040         Chestnuts         25           120050         Coconuts         25           120060         Hazelnuts (Filbert)         25           120070         Macadarnia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120040         Chestnuts         25           120050         Coconuts         25           120060         Hazelnuts (Filbert)         25           120070         Macadamia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120050         Coconuts         25           120060         Hazelnuts (Filbert)         25           120070         Macadamia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120060         Hazelnuts (Filbert)         25           120070         Macadamia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120070         Macadamia         25           120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120080         Pecans         25           120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120090         Pine nuts         25           120100         Pistachios         25           120110         Walnuts         25	
120100         Pistachios         25           120110         Walnuts         25	
120110 Walnuts 25	
120000 Others 25	
120770 Ouicis 23	
130000 (iii) Pome fruit 2*	
130010 Apples (Crab apple) 2*	
130020 Pears (Oriental pear) 2*	
130030 Quinces 2*	
130040 Medlar 2*	
130050 Loquat 2*	
130990 Others 2*	
140000 (iv) Stone fruit 2*	
140010 Apricots 2*	

140020	Cherries (sweet cherries, sour	2*
	chemies)	
140030	Peaches (Nectarines and similar	2*
	hybrids)	
140040	Plums (Damson, greengage,	2*
	mirabelle, sloe)	
140990	Others	2*
150000	(v) Berries & small fruit	2*
151000	(a) Table and wine grapes	2*
151010	Table grapes	2*
151020	Wine grapes	2*
152000	(b) Strawberries	2*
153000	(c) Cane fruit	2*
153010	Blackberries	2*
153020	Dewberries (Loganberries,	2*
	boysenberries, and	
	cloudberries)	
153030	Raspberries (Wineberries, arctic	2*
	bramble/raspberry, (Rubus	
	arcticus), nectar raspberries	
	(Rubus arcticus x idaeus))	
153990	Others	2*
154000	(d) Other small fruit & berries	2*
154010	Blueberries (Bilberries )	2*
154020	Cranberries (Cowberries (red	2*
	bilberries))	
154030	Currants (red, black and white)	2*
154040	Goosebernies (Including hybrids	2*
171070	with other ribes species)	
154050	Rose hips	2*
154060	Mulberries (arbutus berry)	2*
154070	Azarole (mediteranean medlar)	2*
171000	(Kiwiberry (Actinidia arguta))	
154080	Elderberries (Black chokeberry	2*
	(appleberry), mountain ash,	
	buckthorn (sea sallowthorn),	
	hawthom, service berries, and other treeberries)	
154990	Others	2*
160000	0.2420	2*
161000	(vi) Miscellaneous fruit (a) Edible peel	2*
161010	Dates	2*
161020	Figs	2*
161020	0	
161030	Table olives	2*
101040	Kumquats (Marumi kumquats, nagami kumquats, limequats	Z**
	(Citrus aurantifolia x Fortunella	
	spp.))	
161050	Spp.))  Carambola (Bilimbi)	2*
161060	Persimmon	2*
101000	FCISHHIIOH	4"

161070	Jambolan (java plum) (Java	2*
	apple (water apple), pomerac,	
	rose apple, Brazilean cherry	
	Surinam cherry (grumichama	
	Eugenia uniflora), )	
161990	Others	2*
162000	(b) Inedible peel, small	2*
162010	Kiwi	2*
162020	Lychee (Litchi) (Pulasan,	2*
	rambutan (hairy litchi),	
	mangosteen)	
162030	Passion fruit	2*
162040	Prickly pear (cactus fruit)	2*
162050	Star apple	2*
162060	American persimmon (Virginia	2*
	kaki) (Black sapote, white	
	sapote, green sapote, canistel	
	(yellow sapote), and mammey	
	sapote)	
162990	Others	2*
163000	(c) Inedible peel, large	2*
163010	Avocados	2*
163020	Bananas (Dwarf banana,	2*
	plantain, apple banana)	
163030	Mangoes	2*
163040	Papaya	2*
163050	Pomegranate	2*
163060	Cherimoya (Custard apple,	2*
	sugar apple (sweetsop), llama	
	and other medium sized	
	Annonaceae)	
163070	Guava (Red pitaya or dragon	2*
	fruit (Hylocereus undatus))	
163080	Pineapples	2*
163090	Bread fruit (Jackfruit)	2*
163100	Durian	2*
163110	Soursop (guanabana)	2*
163990	Others	2*
200000	2. VEGETABLES FRESH	2*
	OR FROZEN	
210000	(i) Root and tuber vegetables	2*
211000	(a) Potatoes	2*
212000	(b) Tropical root and tuber	2*
	vegetables	
212010	Cassava (Dasheen, eddoe	2*
	(Japanese taro), tannia)	
212020	Sweet potatoes	2*
212030	Yams (Potato bean (yam bean),	2*
	Mexican yam bean)	
212040	Arrowroot	2*

212000	Others	2*
212990 213000		2*
213000	(c) Other root and tuber	2"
212010	vegetables except sugar beet	24
213010	Beetroot	2*
213020	Carrots	2*
213030	Celeriac	2*
213040	Horseradish (Angelica roots,	2*
	lovage roots, gentiana roots, )	
213050	Jerusalem artichokes	2*
213060	Parsnips	2*
213070	Parsley root	2*
213080	Radishes (Black radish,	2*
	Japanese radish, small radish	
	and similar varieties, tiger nut	
	(Cyperus esculentus))	
213090	Salsify (Scorzonera, Spanish	2*
	salsify (Spanish oysterplant))	
213100	Swedes	2*
213110	Turnips	2*
213990	Others	2*
220000	(ii) Bulb vegetables	2*
220010	Garlic	2*
220020	Onions (Silverskin onions)	2*
220030	Shallots	2*
220040	Spring onions (Welsh onion	2*
	and similar varieties)	
220990	Others	2*
230000	(iii) Fruiting vegetables	2*
231000	(a) Solanacea	2*
231010	Tomatoes (Cherry tomatoes,	2*
	tree tomato, Physalis, gojiberry,	
	wolfberry (Lycium barbarum	
	and L. chinense))	
231020	Peppers (Chilli peppers)	2*
231030	Aubergines (egg plants)	2*
	(Pepino)	
231040	Okra, lady's fingers	2*
231990	Others	2*
232000	(b) Cucurbits - edible peel	2*
232010	Cucumbers	2*
232020	Gherkins	2*
232030	Courgettes (Summer squash,	2*
202000	marrow (patisson))	_
232990	Others	2*
233000	(c) Cucurbits-inedible peel	2*
233010	Melons (Kiwano )	2*
233020	Pumpkins (Winter squash)	2*
233030	Watermelons	2*
233990	Others	2*
234000		2*
23 <del>4</del> 000	(d) Sweet com	



	_	_
239000	(e) Other fruiting vegetables	2*
240000	(iv) Brassica vegetables	2*
241000	(a) Flowering brassica	2*
241010	Broccoli (Calabrese, Chinese	2*
	broccoli, broccoli raab )	
241020	Cauliflower	2*
241990	Others	2*
242000	(b) Head brassica	2*
242010	Brussels sprouts	2*
242020	Head cabbage (Pointed head	2*
	cabbage, red cabbage, savoy	
	cabbage, white cabbage)	
242990	Others	2*
243000	(c) Leafy brassica	2*
243010	Chinese cabbage (Indian	2*
	(Chinese) mustard, pak choi,	
	Chinese flat cabbage (tai goo	
	choi), choi sum, peking	
	cabbage (pe-tsai), )	
243020	Kale (Borecole (curly kale),	2*
	collards, Portuguese Kale,	
	Portuguese cabbage, cow	
	cabbage)	
243990	Others	2*
244000	(d) Kohlrabi	2*
250000	(v) Leaf vegetables & fresh	2*
	herbs	
251000	(a) Lettuce and other salad	2*
	plants including Brassicacea	
251010	Lamb's lettuce (Italian	2*
	comsalad)	
251020	Lettuce (Head lettuce, lollo	2*
	rosso (cutting lettuce), iceberg	
	lettuce, romaine (cos) lettuce)	
251030	Scarole (broad-leaf endive)	2*
	(Wild chicory, red-leaved	
	chicory, radicchio, curld leave	
	endive, sugar loaf)	
251040	Cress	2*
251050	Land cress	2*
251060	Rocket, Rucola (Wild rocket)	2*
251070	Red mustard	2*
251080	Leaves and sprouts of Brassica	2*
	spp (Mizuna, leaves of peas and	
	radish and other babyleaf	
	brassica crops (crops harvested	
	up to 8 true leaf stage))	
251990	Others	2*
252000	(b) Spinach & similar (leaves)	2*
252010	Spinach (New Zealand spinach,	2*

	amaranthus spinach)	i
252020	Purslane (Winter purslane	2*
	(miner's lettuce), garden	
	purslane, common purslane,	
	sorrel, glassworth, Agretti	
	(Salsola soda))	
252030	Beet leaves (chard) (Leaves of	2*
	beetroot)	
252990	Others	2*
253000	(c) Vine leaves (grape leaves)	2*
254000	(d) Water cress	2*
255000	(e) Witloof	2*
256000	(f) Herbs	2*
256010	Chervil	2*
256020	Chives	2*
256030	Celery leaves (Fennel leaves,	2*
	Coriander leaves, dill leaves,	
	Caraway leaves, lovage,	
	angelica, sweet cisely and other	
	Apiacea leaves)	
256040	Parsley	2*
256050	Sage (Winter savory, summer	2*
	savory,)	
256060	Rosemary	2*
256070	Thyme (Marjoram, oregano)	2*
256080	Basil (Balm leaves, mint,	2*
	peppermint)	
256090	Bay leaves (laurel)	2*
256100	Tarragon (Hyssop)	2*
256990	Others (Edible flowers )	2*
260000	(vi) Legume vegetables (fresh)	2*
260010	Beans (with pods) (Green bean	2*
	(french beans, snap beans),	
	scarlet runner bean, slicing	
	bean, yardlong beans)	
260020	Beans (without pods) (Broad	2*
	beans, Flageolets, jack bean,	
	lima bean, cowpea)	
260030	Peas (with pods) (Mangetout	2*
	(sugar peas, snow peas))	
260040	Peas (without pods) (Garden	2*
	pea, green pea, chickpea)	
260050	Lentils	2*
260990	Others	2*
270000	(vii) Stem vegetables (fresh)	2*
270010	Asparagus	2*
270020	Cardoons	2*
270030	Celery	2*
270040	Fennel	2*
270050	Globe artichokes	2*

270060	Leek	2*
270070	Rhubarb	2*
270080	Bamboo shoots	2*
270090	Palm hearts	2*
270990	Others	2*
280000	(viii) Fungi	2*
280010	Cultivated (Common	2*
	mushroom, Oyster mushroom,	
	Shi-take)	
280020	Wild (Chanterelle, Truffle,	2*
	Morel, Cep)	
280990	Others	2*
290000	(ix) Sea weeds	2*
300000	3. PULSES, DRY	2*
300010	Beans (Broad beans, navy	2*
	beans, flageolets, jack beans,	
	lima beans, field beans,	
	cowpeas)	
300020	Lentils	2*
300030	Peas (Chickpeas, field peas,	2*
	chickling vetch)	
300040	Lupins	2*
300990	Others	2*
400000	4. OILSEEDS AND	2*
	OILFRUITS	
401000	(i) Oilseeds	2*
401010	Linseed	2*
401020	Peanuts	2*
401030	Poppy seed	2*
401040	Sesame seed	2*
401050	Sunflower seed	2*
401060	Rape seed (Bird rapeseed,	2*
	turnip rape)	
401070	Soya bean	2*
401080	Mustard seed	2*
401090	Cotton seed	2*
401100	Pumpkin seeds (Other seeds of	2*
	cucurbitacea)	
401110	Safflower	2*
401120	Borage	2*
401130	Gold of pleasure	2*
401140	Hempseed	2*
401150	Castor bean	2*
401990	Others	2*
402000	(ii) Oilfruits	2*
402010	Olives for oil production	2*
402020	Palm nuts (palmoil kernels)	2*
402030	Palmfruit	2*
402040	Kapok	2*
402990	Others	2*

500000	5 CEDEALS	Lav
500000	5. CEREALS	2*
500010	Barley	2*
500020	Buckwheat (Amaranthus,	2*
500020	quinoa)	2*
500030	Maize	2*
500040	Millet (Foxtail millet, teff)	_
500050	Oats	2* 2*
500060	Rice	
500070	Rye	2*
500080	Sorghum	2*
500090	Wheat (Spelt, triticale )	2*
500990	Others	2*
600000	6. TEA, COFFEE, HERBAL	
c10000	INFUSIONS AND COCOA	250
610000	(i) Tea (dried leaves and stalks,	350
	fermented or otherwise of	
	Camellia sinensis)	
620000	(ii) Coffee beans	5
630000	(iii) Herbal infusions (dried)	10
631000	(a) Flowers	10
631010	Camomille flowers	10
631020	Hybiscus flowers	10
631030	Rose petals	10
631040	Jasmine flowers (Elderflowers	10
031010	(Sambucus nigra))	10
631050	Lime (linden)	10
631990	Others	10
632000	(b) Leaves	10
632010	Strawberry leaves	10
632020	Rooibos leaves (Ginkgo leaves)	10
632030	Maté	10
632990	Others	10
633000	(c) Roots	10
633010	Valerian root	10
633020	Ginseng root	10
633990	Others	10
639000	(d) Other herbal infusions	10
640000	(iv) Cocoa (fermented beans)	10
650000	(v) Carob (st johns bread)	10
700000	7. HOPS (dried), including hop	10
700000	pellets and unconcentrated	10
	powder	
800000	8. SPICES	5
810000	(i) Seeds	5
810010	Anise	5
810020	Black caraway	5
810030	Celery seed (Lovage seed)	5
810040	Coriander seed	5
810050	Cumin seed	5
510050		,



810060	Dill seed	5
810070	Fennel seed	5
810080	Fenugreek	5
810090	Nutmeg	5
810990	Others	5
820000	(ii) Fruits and berries	5
820010	Allspice	5
820020	Anise pepper (Japan pepper)	5
820030	Caraway	5
820040	Cardamom	5
820050	Juniper berries	5
820060	Pepper, black and white (Long	5
	pepper, pink pepper)	
820070	Vanilla pods	5
820080	Tamarind	5
820990	Others	5
830000	(iii) Bark	5
830010	Cinnamon (Cassia )	5
830990	Others	5
840000	(iv) Roots or rhizome	5
840010	Liquorice	5
840020	Ginger	5
840030	Turmeric (Curcuma)	5
840040	Horseradish	5
840990	Others	5
850000	(v) Buds	5
850010	Cloves	5
850020	Capers	5
850990	Others	5
860000	(vi) Flower stigma	5
860010	Saffron	5
860990	Others	5
870000	(vii) Aril	5
870010	Mace	5
870990	Others	5
900000	9. SUGAR PLANTS	2*
900010	Sugar beet (root)	2*
900020	Sugar cane	2*
900030	Chicory roots	2*
900990	Others	2*
1000000	10. PRODUCTS OF	
	ANIMAL ORIGIN-	
	TERRESTRIAL ANIMALS	
1010000	(i) Meat, preparations of meat,	1
	offals, blood, animal fats fresh	
	chilled or frozen, salted, in brine,	
	dried or smoked or processed	
	as flours or meals other	
	processed products such as	
<u> </u>	sausages and food preparations	<u> </u>

1011000	Ì	based on these	İ
1011010   Meat	1011000		1
1011020			
1011030			
1011040   Kidney   1   1011050   Edible offial   1   1   1   1   1   1   1   1   1			<u> </u>
1011050   Edible offial   1   1011990   Others   1   1012000   (b) Bovine   1   1   1012010   Meat   1   1   1012020   Fat   1   1012020   Edible offial   1   1012030   Liver   1   1012040   Kichey   1   1012050   Edible offial   1   1012990   Others   1   1013000   (c) Sheep   1   1013010   Meat   1   1013020   Fat   1   1013020   Fat   1   1013030   Liver   1   1013040   Kichey   1   1013040   Kichey   1   1013050   Edible offial   1   1013990   Others   1   1014000   (d) Goat   1   1014010   Meat   1   1014010   Meat   1   1014020   Fat   1   1014030   Liver   1   1014030   Liver   1   1014040   Kichey   1   1014050   Edible offial   1   1014040   Kichey   1   1014050   Edible offial   1   1014040   Kichey   1   1014050   Edible offial   1   1014090   Others   1   1014090   Others   1   1015000   (e) Horses, asses, mules or   1   hinnies			
1011990   Others   1   1012000   (b) Bovine   1   1   1012010   Meat   1   1   1012020   Fat   1   1   1012030   Liver   1   1012040   Kidney   1   1012050   Edible offial   1   1012990   Others   1   1013000   (c) Sheep   1   1013010   Meat   1   1013020   Fat   1   1013030   Liver   1   1013030   Liver   1   1013040   Kidney   1   1013050   Edible offial   1   1013990   Others   1   1014000   (d) Goat   1   1014000   (d) Goat   1   1014010   Meat   1   1014020   Fat   1   1014020   Fat   1   1014040   Kidney   1   1014050   Edible offial   1   1014090   Others   1   1015000   (e) Horses, asses, mules or   1   hinnies   1   1015000   Horses, asses, mules or   1   1016000   Horses   1   10160000		<u> </u>	
1012000 (b) Bovine			
1012010   Meat		0.000	•
1012020   Fat   1   1012030   Liver   1   1012040   Kichey   1   1012040   Kichey   1   1012050   Edible offal   1   1012990   Others   1   1013000   (c) Sheep   1   1013010   Meat   1   1013020   Fat   1   1013030   Liver   1   1013040   Kichey   1   1013040   Kichey   1   1013050   Edible offal   1   1013050   Edible offal   1   1013050   Cdible offal   1   1014010   Meat   1   1014010   Meat   1   1014010   Meat   1   1014010   Fat   1   1014020   Fat   1   1014040   Kichey   1   1014040   Kichey   1   1014050   Edible offal   1   1014050   Cdible offal   1   1014050   (e) Horses, asses, mules or   1   1015000   (e) Horses, asses, mules or   1   1015000   (e) Horses, asses, mules or   1   1016000   (e) Horses, asses, mules or   1   (e) H			
1012030   Liver   1   1012040   Kidney   1   1012040   Kidney   1   1012050   Edible offial   1   1012990   Others   1   1013010   Meat   1   1013020   Fat   1   1013030   Liver   1   1013040   Kidney   1   1013050   Edible offial   1   1013050   Edible offial   1   1014000   (d) Goat   1   1014010   Meat   1   1014020   Fat   1   1014030   Liver   1   1014040   Kidney   1   1014040   Kidney   1   1014040   Kidney   1   1014050   Edible offial   1   1014050   Edible offial   1   1014050   Edible offial   1   1014050   Ceible offial   1   1014050   (e) Horses, asses, mules or   1   hinnies			
1012040   Kidney   1   1012050   Edible offial   1   1012990   Others   1   1013000   (c) Sheep   1   1013010   Meat   1   1013020   Fat   1   1013030   Liver   1   1013040   Kidney   1   1013050   Edible offial   1   1013990   Others   1   1014000   (d) Goat   1   1014010   Meat   1   1014020   Fat   1   1014030   Liver   1   1014030   Liver   1   1014040   Kidney   1   1014050   Edible offial   1   1014040   Kidney   1   1014050   Edible offial   1   1014050   Edible offial   1   1014050   Edible offial   1   1015000   (e) Horses, asses, mules or   1   hinnies		- "	
1012050   Edible offial   1   1012990   Others   1   1013000   (c) Sheep   1   1013010   Meat   1   1013020   Fat   1   1013020   Edible offial   1   1013030   Liver   1   1013040   Kidney   1   1013050   Edible offial   1   1013990   Others   1   1014000   (d) Goat   1   1014010   Meat   1   1014020   Fat   1   1014030   Liver   1   1014040   Kidney   1   1014040   Kidney   1   1014040   Kidney   1   1014050   Edible offial   1   1014050   Edible offial   1   1015000   (e) Horses, asses, mules or   1   hinnies			
1012990 Others			
1013000   (c) Sheep   1			<u> </u>
1013010   Meat   1			<u> </u>
1013020   Fat   1   1013030   Liver   1   1013030   Liver   1   1   1013040   Kidney   1   1   1013050   Edible offāl   1   1013990   Others   1   1014000   (d) Goat   1   1014010   Meat   1   1014020   Fat   1   1014030   Liver   1   1014040   Kidney   1   1014050   Edible offāl   1   1014050   (e) Horses, asses, mules or   1   1015000   (e) Horses, asses, mules or   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000   1   1015000			
1013030			<u> </u>
1013040   Kidney   1			<u> </u>
1013050   Edible offial   1   1013990   Others   1   1014000   (d) Goat   1   1014010   Meat   1   1014020   Fat   1   1014030   Liver   1   1014040   Kidney   1   1014050   Edible offial   1   1014990   Others   1   1015000   (e) Horses, asses, mules or   1   hinnies   1   1015000   Others   1			
1013990         Others         1           1014000         (d) Goat         1           1014010         Meat         1           1014020         Fat         1           1014030         Liver         1           1014040         Kidney         1           1014050         Edible offal         1           1014990         Others         1           1015000         (e) Horses, asses, mules or hinnies         1			
1014000   (d) Goat   1	1013050	Edible offal	1
1014010   Meat   1	1013990	Others	1
1014020   Fat   1	1014000	(d) Goat	1
1014030   Liver   1	1014010	Meat	1
1014040   Kidney   1	1014020	Fat	1
1014050   Edible offal   1   1   1014990   Others   1   1015000   (e) Horses, asses, mules or   1   hinnies   1   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   1015000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   10150000   101500000   101500000   1015000000   1015000000   1015000000   10150000000   10150000000000	1014030	Liver	1
1014990 Others	1014040	Kidney	1
1015000 (e) Horses, asses, mules or 1 hinnies	1014050	Edible offal	1
hinnies	1014990	Others	1
	1015000	(e) Horses, asses, mules or	1
1015010 Meat 1		hinnies	
	1015010	Meat	1
1015020 Fat 1	1015020	Fat	1
1015030 Liver 1	1015030	Liver	1
1015040 Kidney 1	1015040	Kidney	1
1015050 Edible offal 1	1015050	Edible offal	1
1015990 Others 1	1015990	Others	1
1016000 (f) Poultry -chicken, geese, 1	1016000	(f) Poultry -chicken, geese,	1
duck, turkey and Guinea fowl-,		duck, turkey and Guinea fowl-,	
ostrich, pigeon		ostrich, pigeon	
1016010 Meat 1	1016010	Meat	1
1016020 Fat 1	1016020	Fat	1
1016030 Liver 1	1016030	Liver	1
1016040 Kidney 1	1016040	Kidney	1
1016050 Edible offal 1	1016050	Edible offal	1
1016990 Others 1	1016990	Others	1
1017000 (g) Other farm animals (Rabbit, 1	1017000	(g) Other farm animals (Rabbit,	1
Kangaroo)			
1017010 Meat 1	1017010	Meat	1

1017020	Fat	1
1017030	Liver	1
1017040	Kidney	1
1017050	Edible offal	1
1017990	Others	1
1020000	(ii) Milk and cream, not	0,2
	concentrated, nor containing	
	added sugar or sweetening	
	matter, butter and other fats	
	derived from milk, cheese and	
	curd	
1020010	Cattle	0,2
1020020	Sheep	0,2
1020030	Goat	0,2
1020040	Horse	0,2
1020990	Others	0,2
1030000	(iii) Birds' eggs, fresh preserved	0,2
	or cooked Shelled eggs and egg	
	yolks fresh, dried, cooked by	
	steaming or boiling in water,	
	moulded, frozen or otherwise	
	preserved whether or not	
	containing added sugar or	
	sweetening matter	
1030010	Chicken	0,2
1030020	Duck	0,2
1030030	Goose	0,2
1030040	Quail	0,2
1030990	Others	0,2
1040000	(iv) Honey (Royal jelly, pollen)	
1050000	(v) Amphibians and reptiles	
	(Frog legs, crocodiles)	
1060000	(vi) Snails	
1070000	(vii) Other terrestrial animal	
	products	l



## **ABBREVIATIONS**

ADI acceptable daily intake
ARfD acute reference dose

a.s. active substance

BBCH growth stages of mono- and dicotyledonous plants

bw body weight

CXL Codex Maximum Residue Limit (Codex MRL)

CTP concentration per time per product

d day

DAR Draft Assessment Report (prepared under Council Directive 91/414/EEC)

EFSA European Food Safety Authority

EMS evaluating Member State

EU European Union

GAP good agricultural practice

GC-ECD gas chromatography with electron capture detector

GS growth stage

ha hectare

ISO International Organization for Standardization

IUPAC International Union of Pure and Applied Chemistry

kg kilogram

LOD limit of detection

LOQ limit of quantification (determination)

MRL maximum residue limit

MS Member States

PHI pre-harvest interval

RMS rapporteur Member State

SEU Southern European Union

yr year