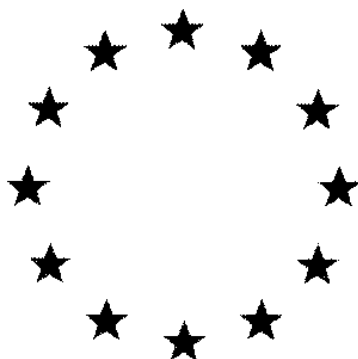


# European Commission



**Draft (Renewal) Assessment Report prepared  
according to the Commission Regulation (EC) No  
1107/2009**

**Daminozide (ISO); 4-(2,2-  
dimethylhydrazino)-4-oxobutanoic  
acid; *N*-dimethylaminosuccinamic  
acid**

**Volume 3 – B.7 (AS)**

Rapporteur Member State: Czech Republic  
Co-Rapporteur Member State: Hungary

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## **B.7 RESIDUE DATA**

This document presents data and information on residues information of Daminozide (ISO); 4-(2,2-dimethylhydrazino)-4-oxobutanoic acid; N-dimethylaminosuccinamic acid ('hereafter referred to as 'daminozide') and is submitted in support of the renewal of approval for daminozide under Regulation (EC) 1107/2009. Most of the data presented here were included in the submission that was made to secure the first inclusion of daminozide in Annex I to Directive 91/414/EEC.

The original submission was determined to be complete and enabled the setting of appropriate reference doses. The evaluation of the original RMS (The Netherlands) is set out in the Monograph of June 1999 and its addenda in June 2002, June 2003 and September 2004. The critical end points relating to this section, for use in risk assessments, were published in the Review Report for daminozide; SANCO/3043/99 final, 15 February 2005.

Products containing daminozide are proposed for use only on outdoor and glasshouse ornamentals. These crops are not intended for animal or human consumption and therefore, consumer exposure to residues will be negligible.

### **B.7.1 Storage Stability of Residues**

Not relevant since residues trials are not required to support this use on non-edible crops (ornamentals).

### **B.7.2 Metabolism, Distribution and Expression of Residues in Livestock**

Not relevant. Metabolism studies in plants, farm animals or fish are not required since the proposed use is in non-edible crops (ornamentals).

### **B.7.3 Magnitude of Residue Trials in Plants**

Not relevant. Residues studies in plants are not required since the proposed use is in non-edible crops (ornamentals).

### **B.7.4 Feeding Studies**

Not relevant. Feeding studies are not required since the proposed use is in non-edible crops (ornamentals).

### **B.7.5 Effects of Processing**

Not relevant. Processing studies are not required since the proposed use is on non-edible crops (ornamentals).

### **B.7.6 Residues in Rotational Crops**

In its review of daminozide MRLs, EFSA noted “that the uptake of daminozide residue in the potential following crops has not been investigated but it is noted that rotation of ornamental crops with edible crops is rather unusual due to their specificities. Moreover, daminozide residues were demonstrated during the peer review to decline rapidly (EC, 2005). Occurrence of residues in edible crops resulting from crop rotation is therefore also not expected.”<sup>1</sup>

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<sup>1</sup> EFSA Journal 2012;10(4):2650

Daminozide has a very short DT<sub>90</sub> (ca. 2-3 days) and the major metabolite, ~~formaldehyde~~-methanol, was seen at 21% after 16 hours (0.32 mg/kg) reducing to 0.02 mg/kg after 72 hours (Daminozide end points<sup>2</sup>). A new aerobic soil metabolism study (refer to section MCA 7.1.1 and 7.1.2.) confirmed these findings; 2 days after treatment, >90% of Daminozide had degraded and 4 days after treatment >80% of the radioactivity was recovered as carbon dioxide. Based on this information, no detectable residues would be expected in following crops.

### **B.7.7 Proposed Residue Definitions and Maximum Residue Levels**

#### **B.7.7.1 Proposed residue definitions**

In its 2012 MRL Reasoned Opinion, EFSA proposed a residue definition containing UDMH to allow monitoring and enforcement of potential illegal use. The following residue definition was adopted in Commission Regulation (EU) No 2017/624 of 30 March 2017:

Daminozide (sum of daminozide and 1,1-dimethyl-hydrazine (UDMH), expressed as daminozide)

#### **B.7.7.2 Proposed maximum residue levels (MRLs) and justification of the acceptability of the levels proposed**

Following the review under Article 12(1) of Regulation (EC) 396/2005 EU MRLs were adopted in Commission Regulation (EU) No 2017/624 of 30 March 2017. MRLs are all set at the limit of quantification which ranges between 0.06\*-0.1\* mg/kg for crops, 0.06\* mg/kg for products of animal origin and for honey. All MRL data for daminozide are presented in Appendix 1 – MRL for Daminozide.

There are no proposals to amend any of these MRLs on the basis of the supported use on ornamentals.

#### **B.7.7.3 Proposed maximum residue levels (MRLs) and justification of the acceptability of the levels proposed for imported products (import tolerance)**

Daminozide has previously had MRLs under the Codex process. However, these have subsequently been withdrawn by the Codex Alimentarius Commission as the edible uses themselves were withdrawn by registration holders.

### **B.7.8 Proposed Safety Intervals**

None required from a consumer exposure perspective.

### **B.7.9 Estimation of the Potential and Actual Exposure through Diet and other Sources**

#### **B.7.9.1 Acceptable Daily Intake (ADI) and Dietary Exposure Calculation**

A theoretical maximum daily intake (TMDI) calculation has been carried out using the EFSA PRIMo model version 2, the current ADI for daminozide (0.45 mg/kg bw/day) and the MRLs for Daminozide (all set at the LoQ – see 7.7.2). The highest TMDIs were calculated as 1.0% for UK Infant, 0.9% for UK Toddler, FR Toddler, NL child. All other data about TMDI calculation are presented in Table 1 – Calculation of TMDIs for Daminozide using EFSA PRiMO version 2.

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<sup>2</sup> SANCO/3043/99-rev.4

Table 7.9-1 Calculation of TMDIs for Daminozide using EFA PRiMO version 2

				Daminozide				Prepare workbook for refined calculations		
				Status of the active substance:		Code no.				
				LOQ (mg/kg bw):		proposed LOQ:				
				Toxicological end points						
				ADI (mg/kg bw/day):	0.45	ARfD (mg/kg bw):	n.n.	Undo refined calculations		
				Source of ADI:	Dir 05/53	Source of ARfD:	Dir 05/53			
				Year of evaluation:	2005	Year of evaluation:	2005			
<p>Explain choice of toxicological reference values.</p> <p>The risk assessment has been performed on the basis of the MRLs collected from Member States in April 2006. For each pesticide/commodity the highest national MRL was identified (proposed temporary MRL = pTMRL). The pTMRLs have been submitted to EFSA in September 2006.</p>										
Chronic risk assessment										
				TMDI (range) in % of ADI minimum - maximum						
				1						
				No of diets exceeding ADI:		---				
	Highest calculated TMDI values in % of ADI	MS Diet		Highest contributor to MS diet (in % of ADI)	Commodity / group of commodities	2nd contributor to MS diet (in % of ADI)	Commodity / group of commodities	3rd contributor to MS diet (in % of ADI)	Commodity / group of commodities	pTMRLs at LOQ (in % of ADI)
	1.0	UK Infant		0.6	PRODUCTS OF ANIMAL ORIGIN	0.1	SUGAR PLANTS	0.1	Root and tuber vegetables	
	0.9	UK Toddler		0.3	PRODUCTS OF ANIMAL ORIGIN	0.3	SUGAR PLANTS	0.1	OILSEEDS AND OILFRUITS	
	0.9	FR toddler		0.6	PRODUCTS OF ANIMAL ORIGIN	0.1	Root and tuber vegetables	0.0	CEREALS	
	0.9	NL child		0.4	PRODUCTS OF ANIMAL ORIGIN	0.1	Pome fruit	0.1	Root and tuber vegetables	
	0.8	DE child		0.3	PRODUCTS OF ANIMAL ORIGIN	0.2	Pome fruit	0.1	CEREALS	
	0.7	WHO Cluster diet B		0.2	CEREALS	0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	Fruiting vegetables	
	0.6	FR infant		0.4	PRODUCTS OF ANIMAL ORIGIN	0.1	Root and tuber vegetables	0.0	Pome fruit	
	0.6	DK child		0.3	PRODUCTS OF ANIMAL ORIGIN	0.1	CEREALS	0.1	Root and tuber vegetables	
	0.5	SE general population 90th percentile		0.2	PRODUCTS OF ANIMAL ORIGIN	0.1	Root and tuber vegetables	0.1	CEREALS	
	0.5	ES child		0.2	PRODUCTS OF ANIMAL ORIGIN	0.1	CEREALS	0.0	Citrus fruit	
	0.4595	IE adult		0.1	CEREALS	0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	Root and tuber vegetables	
	0.4	WHO cluster diet E		0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	CEREALS	0.1	Root and tuber vegetables	
	0.4	WHO cluster diet D		0.1	CEREALS	0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	Root and tuber vegetables	
	0.4	WHO regional European diet		0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	Root and tuber vegetables	0.0	CEREALS	
	0.4	WHO Cluster diet F		0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	CEREALS	0.1	Root and tuber vegetables	
	0.3	NL general		0.1	PRODUCTS OF ANIMAL ORIGIN	0.0	Root and tuber vegetables	0.0	CEREALS	
	0.3	UK vegetarian		0.1	SUGAR PLANTS	0.0	PRODUCTS OF ANIMAL ORIGIN	0.0	OILSEEDS AND OILFRUITS	
	0.3	ES adult		0.1	PRODUCTS OF ANIMAL ORIGIN	0.0	CEREALS	0.0	Citrus fruit	
	0.3	PT General population		0.1	CEREALS	0.0	Berries & small fruit	0.0	Brassica vegetables	
	0.3	UK Adult		0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	SUGAR PLANTS	0.0	CEREALS	
	0.3	FR all population		0.1	PRODUCTS OF ANIMAL ORIGIN	0.1	Berries & small fruit	0.0	CEREALS	
	0.2	DK adult		0.1	PRODUCTS OF ANIMAL ORIGIN	0.0	CEREALS	0.0	Root and tuber vegetables	
	0.2	IT kids/toddler		0.1	CEREALS	0.0	Fruiting vegetables	0.0	Pome fruit	
	0.2	LT adult		0.1	PRODUCTS OF ANIMAL ORIGIN	0.0	Root and tuber vegetables	0.0	CEREALS	
	0.2	FI adult		0.1	PRODUCTS OF ANIMAL ORIGIN	0.0	CEREALS	0.0	Root and tuber vegetables	
	0.2	IT adult		0.1	CEREALS	0.0	Fruiting vegetables	0.0	Pome fruit	
	0.1	PL general population		0.1	Root and tuber vegetables	0.0	Pome fruit	0.0	Fruiting vegetables	
<p><b>Conclusion:</b></p> <p>The estimated Theoretical Maximum Daily Intakes (TMDI), based on pTMRLs were below the ADI.</p> <p>A long-term intake of residues of Daminozide is unlikely to present a public health concern.</p>										

**B.7.9.2 Acute Reference Dose (ARfD) and Dietary Exposure Calculation**

Acute exposure calculations were not carried out because an ARfD was not deemed necessary.

**B.7.10 Other Studies****B.7.10.1 Effect on the residue level in pollen and bee products**

Not required at present since no guideline is available. This approach has previously been agreed with the Rapporteur Member State.

**B.7.11 References Relied On**

No study included on this part of documentation.

**Appendix 1 – MRL for Daminozide**

MRL for the active substance daminozide according by the Regulation (EU) No. 2017/624 of 30 March 2017.

<b>Code number</b>	<b>Groups and examples of individual products to which the MRLs apply</b>	
0100000	. FRUITS, FRESH or FROZEN; TREE NUTS	
0110000	. Citrus fruits	0.06*
0110010	. Grapefruits	0.06*
0110020	. Oranges	0.06*
0110030	. Lemons	0.06*
0110040	. Limes	0.06*
0110050	. Mandarins	0.06*
0110990	. Others	0.06*
0120000	. Tree nuts	0.1*
0120010	. Almonds	0.1*
0120020	. Brazil nuts	0.1*
0120030	. Cashew nuts	0.1*
0120040	. Chestnuts	0.1*
0120050	. Coconuts	0.1*
0120060	. Hazelnuts/cobnuts	0.1*
0120070	. Macadamias	0.1*
0120080	. Pecans	0.1*
0120090	. Pine nut kernels	0.1*
0120100	. Pistachios	0.1*
0120110	. Walnuts	0.1*
0120990	. Others	0.1*
0130000	. Pome fruits	0.06*
0130010	. Apples	0.06*
0130020	. Pears	0.06*
0130030	. Quinces	0.06*
0130040	. Medlars	0.06*
0130050	. Loquats/Japanese medlars	0.06*
0130990	. Others	0.06*
0140000	. Stone fruits	0.06*
0140010	. Apricots	0.06*
0140020	. Cherries (sweet)	0.06*
0140030	. Peaches	0.06*
0140040	. Plums	0.06*
0140990	. Others	0.06*
0150000	. Berries and small fruits	0.06*
0151000	. (a) grapes	0.06*
0151010	. Table grapes	0.06*
0151020	. Wine grapes	0.06*
0152000	. (b) strawberries	0.06*
0153000	. (c) cane fruits	0.06*
0153010	. Blackberries	0.06*
0153020	. Dewberries	0.06*
0153030	. Raspberries (red and yellow)	0.06*
0153990	. Others	0.06*
0154000	. (d) other small fruits and berries	0.06*
0154010	. Blueberries	0.06*
0154020	. Cranberries	0.06*
0154030	. Currants (black, red and white)	0.06*
0154040	. Gooseberries (green, red and yellow)	0.06*
0154050	. Rose hips	0.06*
0154060	. Mulberries (black and white)	0.06*
0154070	. Azaroles/Mediterranean medlars	0.06*
0154080	. Elderberries	0.06*
0154990	. Others	0.06*
0160000	. Miscellaneous fruits with	0.06*
0161000	. (a) edible peel	0.06*
0161010	. Dates	0.06*
0161020	. Figs	0.06*
0161030	. Table olives	0.06*
0161040	. Kumquats	0.06*



0161050	. Carambolas	0.06*
0161060	. Kaki/Japanese persimmons	0.06*
0161070	. Jambuls/jambolans	0.06*
0161990	. Others	0.06*
0162000	(b) inedible peel, small	0.06*
0162010	. Kiwi fruits (green, red, yellow)	0.06*
0162020	. Litchis/lychees	0.06*
0162030	. Passionfruits/maracujas	0.06*
0162040	. Prickly pears/cactus fruits	0.06*
0162050	. Star apples/cainitos	0.06*
0162060	. American persimmons/Virginia kaki	0.06*
0162990	. Others	0.06*
0163000	(c) inedible peel, large	0.06*
0163010	. Avocados	0.06*
0163020	. Bananas	0.06*
0163030	. Mangoes	0.06*
0163040	. Papayas	0.06*
0163050	. Granate apples/pomegranates	0.06*
0163060	. Cherimoyas	0.06*
0163070	. Guavas	0.06*
0163080	. Pineapples	0.06*
0163090	. Breadfruits	0.06*
0163100	. Durians	0.06*
0163110	. Soursops/guanabanas	0.06*
0163990	. Others	0.06*
0200000	. VEGETABLES, FRESH or FROZEN	
0210000	. Root and tuber vegetables	0.06*
0211000	. (a) potatoes	0.06*
0212000	(b) tropical root and tuber vegetables	0.06*
0212010	. Cassava roots/manioc	0.06*
0212020	. Sweet potatoes	0.06*
0212030	. Yams	0.06*
0212040	. Arrowroots	0.06*
0212990	. Others	0.06*
0213000	(c) other root and tuber vegetables except sugar beets	0.06*
0213010	. Beetroots	0.06*
0213020	. Carrots	0.06*
0213030	. Celeriacs/turnip rooted celeries	0.06*
0213040	. Horseradishes	0.06*
0213050	. Jerusalem artichokes	0.06*
0213060	. Parsnips	0.06*
0213070	. Parsley roots/Hamburg roots parsley	0.06*
0213080	. Radishes	0.06*
0213090	. Salsifies	0.06*
0213100	. Swedes/rutabagas	0.06*
0213110	. Turnips	0.06*
0213990	. Others	0.06*
0220000	. Bulb vegetables	0.06*
0220010	. Garlic	0.06*
0220020	. Onions	0.06*
0220030	. Shallots	0.06*
0220040	. Spring onions/green onions and Welsh onions	0.06*
0220990	. Others	0.06*
0230000	. Fruiting vegetables	0.06*
0231000	(a) solanacea	0.06*
0231010	. Tomatoes	0.06*
0231020	. Sweet peppers/bell peppers	0.06*
0231030	. Aubergines/eggplants	0.06*
0231040	. Okra/lady's fingers	0.06*
0231990	. Others	0.06*
0232000	(b) cucurbits with edible peel	0.06*
0232010	. Cucumbers	0.06*
0232020	. Gherkins	0.06*
0232030	. Courgettes	0.06*
0232990	. Others	0.06*
0233000	(c) cucurbits with inedible peel	0.06*
0233010	. Melons	0.06*

0233020	. Pumpkins	0.06*
0233030	. Watermelons	0.06*
0233990	. Others	0.06*
0234000	. (d) sweet corn	0.06*
0239000	. (e) other fruiting vegetables	0.06*
0240000	. Brassica vegetables (excluding brassica roots and brassica baby leaf crops)	0.06*
0241000	. (a) flowering brassica	0.06*
0241010	. Broccoli	0.06*
0241020	. Cauliflowers	0.06*
0241990	. Others	0.06*
0242000	. (b) head brassica	0.06*
0242010	. Brussels sprouts	0.06*
0242020	. Head cabbages	0.06*
0242990	. Others	0.06*
0243000	. (c) leafy brassica	0.06*
0243010	. Chinese cabbages/pe-tsai	0.06*
0243020	. Kales	0.06*
0243990	. Others	0.06*
0244000	. (d) kohlrabies	0.06*
0250000	. Leaf vegetables, herbs and edible flowers	
0251000	. (a) lettuces and salad plants	0.06*
0251010	. Lamb's lettuces/corn salads	0.06*
0251020	. Lettuces	0.06*
0251030	. Escaroles/broad-leaved endives	0.06*
0251040	. Cresses and other sprouts and shoots	0.06*
0251050	. Land cresses	0.06*
0251060	. Roman rocket/rucola	0.06*
0251070	. Red mustards	0.06*
0251080	. Baby leaf crops (including brassica species)	0.06*
0251990	. Others	0.06*
0252000	. (b) spinaches and similar leaves	0.06*
0252010	. Spinaches	0.06*
0252020	. Purslanes	0.06*
0252030	. Chards/beet leaves	0.06*
0252990	. Others	0.06*
0253000	. (c) grape leaves and similar species	0.06*
0254000	. (d) watercresses	0.06*
0255000	. (e) witloofs/Belgian endives	0.06*
0256000	. (f) herbs and edible flowers	0.1*
0256010	. Chervil	0.1*
0256020	. Chives	0.1*
0256030	. Celery leaves	0.1*
0256040	. Parsley	0.1*
0256050	. Sage	0.1*
0256060	. Rosemary	0.1*
0256070	. Thyme	0.1*
0256080	. Basil and edible flowers	0.1*
0256090	. Laurel/bay leave	0.1*
0256100	. Tarragon	0.1*
0256990	. Others	0.1*
0260000	. Legume vegetables	0.06*
0260010	. Beans (with pods)	0.06*
0260020	. Beans (without pods)	0.06*
0260030	. Peas (with pods)	0.06*
0260040	. Peas (without pods)	0.06*
0260050	. Lentils	0.06*
0260990	. Others	0.06*
0270000	. Stem vegetables	0.06*
0270010	. Asparagus	0.06*
0270020	. Cardoons	0.06*
0270030	. Celeries	0.06*
0270040	. Florence fennels	0.06*
0270050	. Globe artichokes	0.06*
0270060	. Leeks	0.06*
0270070	. Rhubarbs	0.06*
0270080	. Bamboo shoots	0.06*
0270090	. Palm hearts	0.06*

0270990	. Others	0.06*
0280000	. Fungi, mosses and lichens	0.06*
0280010	. Cultivated fungi	0.06*
0280020	. Wild fungi	0.06*
0280990	. Mosses and lichens	0.06*
0290000	. Algae and prokaryotes organisms	0.06*
0300000	. PULSES	0.06*
0300010	. Beans	0.06*
0300020	. Lentils	0.06*
0300030	. Peas	0.06*
0300040	. Lupins/lupini beans	0.06*
0300990	. Others	0.06*
0400000	. OILSEEDS AND OIL FRUITS	0.1*
0401000	. Oilseeds	0.1*
0401010	. Linseeds	0.1*
0401020	. Peanuts/groundnuts	0.1*
0401030	. Poppy seeds	0.1*
0401040	. Sesame seeds	0.1*
0401050	. Sunflower seeds	0.1*
0401060	. Rapeseeds/canola seeds	0.1*
0401070	. Soyabeans	0.1*
0401080	. Mustard seeds	0.1*
0401090	. Cotton seeds	0.1*
0401100	. Pumpkin seeds	0.1*
0401110	. Safflower seeds	0.1*
0401120	. Borage seeds	0.1*
0401130	. Gold of pleasure seeds	0.1*
0401140	. Hemp seeds	0.1*
0401150	. Castor beans	0.1*
0401990	. Others	0.1*
0402000	. Oil fruits	0.1*
0402010	. Olives for oil production	0.1*
0402020	. Oil palms kernels	0.1*
0402030	. Oil palms fruits	0.1*
0402040	. Kapok	0.1*
0402990	. Others	0.1*
0500000	. CEREALS	0.06*
0500010	. Barley	0.06*
0500020	. Buckwheat and other pseudo-cereals	0.06*
0500030	. Maize/corn	0.06*
0500040	. Common millet/proso millet	0.06*
0500050	. Oat	0.06*
0500060	. Rice	0.06*
0500070	. Rye	0.06*
0500080	. Sorghum	0.06*
0500090	. Wheat	0.06*
0500990	. Others	0.06*
0600000	. TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS	0.1*
0610000	. Teas	0.1*
0620000	. Coffee beans	0.1*
0630000	. Herbal infusions from	0.1*
0631000	. (a) flowers	0.1*
0631010	. Chamomile	0.1*
0631020	. Hibiscus/roselle	0.1*
0631030	. Rose	0.1*
0631040	. Jasmine	0.1*
0631050	. Lime/linden	0.1*
0631990	. Others	0.1*
0632000	. (b) leaves and herbs	0.1*
0632010	. Strawberry	0.1*
0632020	. Rooibos	0.1*
0632030	. Mate/maté	0.1*
0632990	. Others	0.1*
0633000	. (c) roots	0.1*
0633010	. Valerian	0.1*
0633020	. Ginseng	0.1*

0633990	. Others	0.1*
0639000	. (d) any other parts of the plant	0.1*
0640000	. Cocoa beans	0.1*
0650000	. Carobs/Saint John's breads	0.1*
0700000	. HOPS	0.1*
0800000	. SPICES	
0810000	. Seed spices	0.1*
0810010	. Anise/aniseed	0.1*
0810020	. Black caraway/black cumin	0.1*
0810030	. Celery	0.1*
0810040	. Coriander	0.1*
0810050	. Cumin	0.1*
0810060	. Dill	0.1*
0810070	. Fennel	0.1*
0810080	. Fenugreek	0.1*
0810090	. Nutmeg	0.1*
0810990	. Others	0.1*
0820000	. Fruit spices	0.1*
0820010	. Allspice/pimento	0.1*
0820020	. Sichuan pepper	0.1*
0820030	. Caraway	0.1*
0820040	. Cardamom	0.1*
0820050	. Juniper berry	0.1*
0820060	. Peppercorn (black, green and white)	0.1*
0820070	. Vanilla	0.1*
0820080	. Tamarind	0.1*
0820990	. Others	0.1*
0830000	. Bark spices	0.1*
0830010	. Cinnamon	0.1*
0830990	. Others	0.1*
0840000	. Root and rhizome spices	
0840010	. Liquorice	0.1*
0840020	. Ginger	0.1*
0840030	. Turmeric/curcuma	0.1*
0840040	. Horseradish	(ft)
0840990	. Others	0.1*
0850000	. Bud spices	0.1*
0850010	. Cloves	0.1*
0850020	. Capers	0.1*
0850990	. Others	0.1*
0860000	. Flower pistil spices	0.1*
0860010	. Saffron	0.1*
0860990	. Others	0.1*
0870000	. Aril spices	0.1*
0870010	. Mace	0.1*
0870990	. Others	0.1*
0900000	. SUGAR PLANTS	0.06*
0900010	. Sugar beet roots	0.06*
0900020	. Sugar canes	0.06*
0900030	. Chicory roots	0.06*
0900990	. Others	0.06*
1000000	. PRODUCTS OF ANIMAL ORIGIN - TERRESTRIAL ANIMALS	0.06*
1010000	. Tissues from	0.06*
1011000	. (a) swine	0.06*
1011010	. Muscle	0.06*
1011020	. Fat tissue	0.06*
1011030	. Liver	0.06*
1011040	. Kidney	0.06*
1011050	. Edible offals (other than liver and kidney)	0.06*
1011990	. Others	0.06*
1012000	. (b) bovine	0.06*
1012010	. Muscle	0.06*
1012020	. Fat tissue	0.06*
1012030	. Liver	0.06*
1012040	. Kidney	0.06*
1012050	. Edible offals (other than liver and kidney)	0.06*

1012990	. Others	0.06*
1013000	. (c) sheep	0.06*
1013010	. Muscle	0.06*
1013020	. Fat tissue	0.06*
1013030	. Liver	0.06*
1013040	. Kidney	0.06*
1013050	. Edible offals (other than liver and kidney)	0.06*
1013990	. Others	0.06*
1014000	. d) goat	0.06*
1014010	. Muscle	0.06*
1014020	. Fat tissue	0.06*
1014030	. Liver	0.06*
1014040	. Kidney	0.06*
1014050	. Edible offals (other than liver and kidney)	0.06*
1014990	. Others	0.06*
1015000	. (e) equine	0.06*
1015010	. Muscle	0.06*
1015020	. Fat tissue	0.06*
1015030	. Liver	0.06*
1015040	. Kidney	0.06*
1015050	. Edible offals (other than liver and kidney)	0.06*
1015990	. Others	0.06*
1016000	. (f) poultry	0.06*
1016010	. Muscle	0.06*
1016020	. Fat tissue	0.06*
1016030	. Liver	0.06*
1016040	. Kidney	0.06*
1016050	. Edible offals (other than liver and kidney)	0.06*
1016990	. Others	0.06*
1017000	. (g) other farmed terrestrial animals	0.06*
1017010	. Muscle	0.06*
1017020	. Fat tissue	0.06*
1017030	. Liver	0.06*
1017040	. Kidney	0.06*
1017050	. Edible offals (other than liver and kidney)	0.06*
1017990	. Others	0.06*
1020000	. Milk	0.06*
1020010	. Cattle	0.06*
1020020	. Sheep	0.06*
1020030	. Goat	0.06*
1020040	. Horse	0.06*
1020990	. Others	0.06*
1030000	. Birds eggs	0.06*
1030010	. Chicken	0.06*
1030020	. Duck	0.06*
1030030	. Geese	0.06*
1030040	. Quail	0.06*
1030990	. Others	0.06*
1040000	. Honey and other apiculture products	0.06*
1050000	. Amphibians and Reptiles	0.06*
1060000	. Terrestrial invertebrate animals	0.06*
1070000	. Wild terrestrial vertebrate animals	0.06*