

Annex 4

ANNEX 4: INTERNATIONAL ESTIMATES OF SHORT-TERM DIETARY INTAKES OF PESTICIDE RESIDUES

BUPROFEZIN (173)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RfD= 0.5 mg/kg bw (500 µg/kg bw)

Maximum %ARfD: 1%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FC 0204	Lemon	-	0.1	FRA	52.2	111	173	SWE	3	2a	0.56	0%	
VC 0424	Cucumber	-	0.1	FRA	52.2	348	410	BEL	3	2b	2.00	0%	
FC 0203	Grapefruit	-	0.1	JPN	52.6	947	400	JPN	3	2a	3.32	1%	
JF 0203	Grapefruit juice	0.13	-	-	-	ND	-	-	ND	3	ND	-	
-	Lemon juice	0.13	-	-	-	ND	-	-	ND	3	ND	-	
FC 0206	Mandarin	-	0.1	FRA	52.2	639	168	USA	3	2a	1.70	0%	
-	Mandarin + mandarin-like hybrid juice	0.13	-	-	-	ND	-	-	ND	3	ND	-	
FI 0345	Mango	-	0.01	AUS	67.0	567	339	SWE	3	2a	0.15	0%	
JF 0004	Orange juice	0.13	-	-	-	ND	-	-	ND	3	ND	-	
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.1	FRA	52.2	1044	200	JPN	3	2a	2.77	1%	
VO 0448	Tomato	-	0.52	FRA	52.2	387	150	JPN	3	2a	6.84	1%	
JF 0448	Tomato juice	0.053	-	-	-	ND	-	-	ND	3	ND	-	
-	Tomato paste	0.22	-	-	-	ND	-	-	ND	ND	ND	-	
-	Tomatoes peeled	-	0.088	-	-	ND	-	-	ND	ND	ND	-	

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BUPROFEZIN (173)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RfD= 0.5 mg/kg bw (500 µg/kg bw)
Maximum %ARfD: 3%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Unit weight, g	Country					
FC 0204	Lemon	-	0.1	JPN	15.9	173	SWE	92	3	2b	1.67	0%
VC 0424	Cucumber	-	0.1	NLD	17.0	410	BEL	385	3	2b	2.86	1%
FC 0203	Grapefruit	-	0.1	FRA	18.9	400	JPN	400	3	2a	6.38	1%
JF 0203	Grapefruit juice	0.13	-	-	-	-	-	ND	ND	3	ND	-
-	Lemon juice	0.13	-	-	-	-	-	ND	ND	3	ND	-
FC 0206	Mandarin	-	0.1	JPN	15.9	168	USA	124	3	2a	3.79	1%
-	Mandarin + mandarin-like hybrid juice	0.13	-	-	-	-	-	ND	ND	3	ND	-
FI 0345	Mango	-	0.01	Thai	17.1	339	SWE	234	3	2b	0.34	0%
JF 0004	Orange juice	0.13	-	-	-	-	-	ND	ND	3	ND	-
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.1	UNK	14.5	200	JPN	200	3	2a	6.17	1%
VO 0448	Tomato	-	0.52	FRA	18.9	150	JPN	150	3	2a	14.18	3%
JF 0448	Tomato juice	0.053	-	-	-	-	-	ND	ND	3	ND	-
-	Tomato paste	0.22	-	-	-	-	-	ND	ND	ND	ND	-
-	Tomatoes peeled	-	0.088	-	-	-	-	ND	ND	ND	ND	-

CARABARYL (008)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

ARfD= 0.2 mg/kg bw (200 µg/kg bw)
Maximum %ARfD: 20%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% ARfD rounded
				Country	Body weight (kg)	Unit weight, g	Country					
FC 0203	Grapefruit	-	1.16	JPN	52.6	400	JPN	400	3	2a	38.52	20%
FC 0204	Lemon	-	1.16	FRA	52.2	100	FRA	64	3	2a	5.32	3%
FC 0206	Mandarin	-	1.16	FRA	52.2	168	USA	124	3	2a	19.72	10%
FC 0004	Orange, sweet, sour + orange-like hybrid	-	1.16	FRA	52.2	229	UNK	160	3	2a	30.32	20%

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CARBARYL (008)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

ARfD= 0.2 mg/kg bw (200 µg/kg bw)
Maximum %ARfD: 40%

Codex Code	Commodity	STMR or HR or STMR-P HR-P mg/kg		Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% ARfD rounded
		mg/kg	HR-P mg/kg	Country	Body weight (kg)	Country	Unit weight, g					
FC 0203	Grapefruit	-	1.16	FRA	18.9	FRA	400	JPN	400	2a	73.96	40%
FC 0204	Lemon	-	1.16	JPN	15.9	JPN	88	SWE	92	2b	19.35	10%
FC 0206	Mandarin	-	1.16	JPN	15.9	JPN	353	JPN	70	2a	35.99	20%
FC 0004	Orange, sweet, sour + orange-like hybrid	-	1.16	UNK	14.5	UNK	495	JPN	200	2a	71.60	40%

CARBOFURAN (96)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RfD= 0.001 mg/kg bw (1 µg/kg bw)
Maximum %ARfD: 510%

Codex Code	Commodity	STMR or HR or STMR-P HR-P mg/kg		Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		mg/kg	HR-P mg/kg	Country	Body weight (kg)	Country	Unit weight, g					
FI 0327	Banana	-	0.1	FRA	52.2	FRA	714	USA	481	2a	3.21	320%
MF 0812	Cattle fat	-	0.05	USA	65.0	USA	60	-	ND	1	0.05	5%
SB 0716	Coffee beans	0.005	-	FRA	52.2	FRA	117	-	ND	3	0.01	1%
VC 0424	Cucumber	-	0.29	FRA	52.2	FRA	348	USA	286	2a	5.11	510%
MO 0096	Edible offal of cattle, goats, horses, pigs & sheep	-	0.05	FRA	52.2	FRA	327	-	ND	1	0.31	30%
MF 0814	Goat fat	-	0.05	USA	65.0	USA	18	-	ND	1	0.01	1%
MF 0816	Horse fat	-	0.05	-	-	-	ND	-	ND	1	ND	-
GC 0645	Maize	0	-	FRA	52.2	FRA	212	-	ND	3	0.00	0%
FC 0206	Mandarin	-	0.05	FRA	52.2	FRA	639	USA	124	2a	0.85	90%
MM 0096	Meat of cattle, goats, horses, pigs & sheep	-	0.05	AUS	67.0	AUS	520	-	ND	1	0.39	40%
VC 0046	Melons, except watermelon, stated as cantaloupe, VC 4199	-	0.13	USA	65.0	USA	606	USA	276	2a	2.32	230%
ML 0106	Milks	0.05	-	USA	65.0	USA	2466	-	ND	3	1.90	190%
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.05	FRA	52.2	FRA	1044	SWE	178	2a	1.34	130%
MF 0818	Pig fat	-	0.05	AUS	67.0	AUS	144	-	ND	1	0.11	10%

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CARBOFURAN (96)

International estimate of short term intake (IESTI) for

Acute RfD= 0.001 mg/kg bw (1 µg/kg bw)
Maximum %ARfD: 510%

GENERAL POPULATION

Codex Code	Commodity	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		STMR or STMR-P mg/kg	HR or HR-P mg/kg	Country	Body weight (kg)	Large portion, g/person					
VR 0589	Potato	-	0.11	FRA	52.2	639	122	99	USA	1.76	180%
SO 0495	Rape seed	0.05	-	-	-	ND	-	ND	-	ND	-
CM 0649	Rice, husked	0.025	-	JPN	52.6	319	-	ND	-	0.15	20%
MF 0822	Sheep fat	-	0.05	USA	65.0	54	-	ND	-	0.04	4%
VC 0431	Squash, summer (= courgette)	-	0.26	FRA	52.2	351	196	186	USA	3.60	360%
GS 0659	Sugar cane	-	0.06	Thai	53.5	366	-	ND	-	ND	-
SO 0702	Sunflower seed	0.1	-	USA	65.0	193	-	ND	-	0.30	30%
VO 0447	Sweet corn (corn-on-the-cob)	-	0.08	Thai	53.5	383	200	200	JPN	1.17	120%

CARBOFURAN (96)

International estimate of short term intake (IESTI) for

Acute RfD= 0.001 mg/kg bw (1 µg/kg bw)
Maximum %ARfD: 830%

CHILDREN UPTO 6 YEARS

Codex Code	Commodity	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		STMR or STMR-P mg/kg	HR or HR-P mg/kg	Country	Body weight (kg)	Large portion, g/person					
FI 0327	Banana	-	0.1	FRA	18.9	477	708	481	USA	7.57	760%
MF 0812	Cattle fat	-	0.05	USA	15.0	27	-	ND	-	0.09	9%
SB 0716	Coffee beans	0.005	-	FRA	18.9	70	-	ND	-	0.02	2%
VC 0424	Cucumber	-	0.29	NLD	17.0	162	301	286	USA	8.29	830%
MO 0096	Edible offal of cattle, goats, horses, pigs & sheep	-	0.05	FRA	18.9	86	-	ND	-	0.23	20%
MF 0814	Goat fat	-	0.05	USA	15.0	3	-	ND	-	0.01	1%
MF 0816	Horse fat	-	0.05	-	-	ND	-	ND	-	ND	-
GC 0645	Maize	0	-	FRA	18.9	117	-	ND	-	0.00	0%
FC 0206	Mandarin	-	0.05	JPN	15.9	353	168	124	USA	1.89	190%
MM 0096	Meat of cattle, goats, horses, pigs & sheep	-	0.05	AUS	19.0	261	-	ND	-	0.69	70%
VC 0046	Melons, except watermelon, stated as cantaloupe, VC 4199	-	0.13	USA	15.0	270	552	276	USA	7.01	700%
ML 0106	Milks	0.05	-	USA	15.0	1286	-	ND	-	4.29	430%

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CARBOFURAN (96)

International estimate of short term intake (IESTI) for

CHILDREN UP TO 6 YEARS

Acute RfD= 0.001 mg/kg bw (1 µg/kg bw)

Maximum %ARfD: 830%

Codex Code	Commodity	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FC 0004	Orange, sweet, sour + orange-like hybrid	UNK	14.5	495	251	SWE	178	3	2a	2.94	290%
MF 0818	Pig fat	FRA	18.9	65	-	-	ND	ND	1	0.17	20%
VR 0589	Potato	SAF	14.2	300	122	USA	99	3	2a	3.85	390%
SO 0495	Rape seed	-	-	ND	-	-	ND	ND	3	ND	-
CM 0649	Rice, husked	FRA	18.9	121	-	-	ND	ND	3	0.16	20%
MF 0822	Sheep fat	USA	15.0	28	-	-	ND	ND	1	0.09	9%
VC 0431	Squash, summer (= courgette)	AUS	19.0	219	196	USA	186	3	2a	8.09	810%
GS 0659	Sugar cane	Thai	17.1	181	-	-	ND	ND	ND	ND	-
SO 0702	Sunflower seed	USA	15.0	24	-	-	ND	ND	3	0.16	20%
VO 0447	Sweet corn (corn-on-the-cob)	Thai	17.1	197	200	JPN	200	3	2b	2.76	280%

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CYHALOTHHRIN (146) (including Lambda-cyhalothrin)

International estimate of short term intake (IESTI) for GENERAL POPULATION

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 70%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Country	Unit weight, g						
FP 0226	Apple	-	0.08	USA	65.0	1348	USA	138	USA	127	3	2a	1.97	10%
JF 0226	Apple juice	0.008	-	-	-	ND	-	-	-	ND	ND	3	ND	-
FS 0240	Apricot	-	0.33	FRA	52.2	369	USA	35	USA	34	3	2a	2.75	10%
VS 0621	Asparagus	-	0.01	NLD	63.0	398	FRA	25	FRA	13	3	2a	0.07	0%
GC 0640	Barley	0.02	-	NLD	63.0	378	-	-	-	ND	ND	3	0.12	1%
VP 0061	Beans except broad bean & soya bean (green pods & immature seeds)	-	0.11	FRA	52.2	261	-	-	-	ND	ND	1	0.55	3%
VP 0062	Beans, shelled (immature seeds)	-	0.11	FRA	52.2	400	-	-	-	ND	ND	1	0.84	4%
FB 0018	Berries and other small fruits	-	0.09	AUS	67.0	750	-	-	-	ND	ND	1	1.01	5%
FB 0264	Blackberries	-	0.09	AUS	67.0	138	-	-	-	ND	ND	1	0.19	1%
FB 0020	Blueberries	-	0.09	AUS	67.0	158	-	-	-	ND	ND	1	0.21	1%
CM 0081	Bran, unprocessed of cereal grain (except buckwheat, canihua, quinoa)	0.045	-	AUS	67.0	37	-	-	-	ND	ND	3	0.02	0%
CP 0179	Bread & other cooked cereal products	0.01	-	JPN	52.6	378	-	-	-	ND	ND	3	0.07	0%
VD 0523	Broad bean (dry)	0.01	-	AUS	67.0	139	-	-	-	ND	ND	3	0.02	0%
VP 0522	Broad bean (green pods & immature seeds)	-	0.11	-	-	ND	-	-	-	ND	ND	1	ND	-
VP 0523	Broad bean, shelled (immature seeds)	-	0.11	NLD	63.0	387	-	-	-	ND	ND	1	0.68	3%
VB 0400	Broccoli	-	0.3	FRA	52.2	537	USA	608	USA	474	3	2a	8.54	40%
VB 0041	Cabbages, Head	-	0.67	SAF	55.7	362	BEL	1650	BEL	1403	3	2b	13.07	70%
MF 0812	Cattle fat	-	2.2	USA	65.0	60	-	-	-	ND	ND	1	2.05	10%
VB 0404	Cauliflower (head)	-	0.3	UNK	70.1	579	USA	575	USA	224	3	2a	4.40	20%
VC 0423	Chayote	-	0.02	AUS	67.0	196	-	-	-	ND	ND	1	0.06	0%
FS 0013	Cherries	-	0.18	FRA	52.2	360	JPN	5	JPN	5	1	1	1.24	6%
VD 0524	Chick-pea (dry)	0.01	-	USA	65.0	205	-	-	-	ND	ND	3	0.03	0%
VP 0526	Common bean (green pods and/or immature seeds)	-	0.11	NLD	63.0	431	-	-	-	ND	ND	1	0.75	4%
SO 0691	Cotton seed	0.01	-	USA	65.0	3	-	-	-	ND	ND	3	0.00	0%
OR 0691	Cotton seed oil, edible	0.001	-	USA	65.0	9	-	-	-	ND	ND	3	0.00	0%
VD 0527	Cowpea (dry)	0.01	-	USA	65.0	205	-	-	-	ND	ND	3	0.03	0%
VD 0527	Cowpea (dry), stated as black-eyed pea VD 4467	0.01	-	NLD	63.0	28	-	-	-	ND	ND	3	0.00	0%

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CYHALOTHHRIN (146) (including Lambda-cyhalothrin)
 International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
 Maximum %ARfD: 70%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FB 0265	Cranberries	-	0.09	USA	65.0	229	-	-	ND	1	0.32	2%	
VC 0424	Cucumber	-	0.02	FRA	52.2	348	400	FRA	360	2b	0.40	2%	
FB 0021	Currants, red, black, white	-	0.09	FRA	52.2	163	-	-	ND	1	0.28	1%	
FB 0266	Dewberries, incl boysen- & loganberry	-	0.09	AUS	67.0	152	-	-	ND	1	0.20	1%	
VO 0440	Egg plant	-	0.18	AUS	67.0	487	548	USA	444	2a	3.69	20%	
FB 0267	Elderberries	-	0.09	NLD	63.0	21	-	-	ND	1	0.03	0%	
VA 0380	Fennel, bulb	-	0.11	FRA	52.2	401	234	USA	218	2a	1.76	9%	
VD 0561	Field pea (dry)	0.01	-	FRA	52.2	356	-	-	ND	3	0.07	0%	
VD 0561	Field pea (dry), stated as pea (dry), VD 4511	0.01	-	NLD	63.0	252	-	-	ND	3	0.04	0%	
VP 0528	Garden pea (green pods & immature seeds)	-	0.11	USA	65.0	244	-	-	ND	1	0.41	2%	
VP 0529	Garden pea, shelled (immature seeds)	-	0.11	NLD	63.0	301	-	-	ND	1	0.52	3%	
VA 0381	Garlic	-	0.11	Thai	52.2	33	-	-	ND	1	0.07	0%	
VC 0425	Gherkin	-	0.02	NLD	63.0	96	15	FRA	15	1	0.03	0%	
FB 0268	Gooseberries	-	0.09	-	-	ND	-	-	ND	1	ND	-	
FB 0269	Grape (excl wine)	-	0.09	AUS	67.0	513	125	FRA	118	1	0.69	3%	
JF 0269	Grape juice	0.01	-	FRA	52.2	696	-	-	ND	3	0.13	1%	
FC 0203	Grapefruit	-	0.01	JPN	52.6	947	400	JPN	400	3	0.33	2%	
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	0.27	USA	65.0	70	-	-	ND	1	0.29	1%	
MO 0098	Kidney of cattle, goats, pigs and sheep	-	0.09	USA	65.0	788	-	-	ND	1	1.09	5%	
VA 0384	Leek	-	0.11	FRA	52.2	177	100	FRA	50	2a	0.58	3%	
FC 0204	Lemon	-	0.01	FRA	52.2	111	100	FRA	64	2a	0.05	0%	
VD 0533	Lentil (dry)	0.01	-	FRA	52.2	614	-	-	ND	3	0.12	1%	
VP 0534	Lima bean (green pods & immature seeds)	-	0.11	USA	65.0	241	-	-	ND	1	0.41	2%	
FC 0205	Lime	-	0.01	AUS	67.0	590	67	USA	56	2a	0.10	1%	
SO 0693	Linseed	0.01	-	NLD	63.0	21	-	-	ND	3	0.00	0%	
MO 0099	Liver of cattle, goats, pigs and sheep	-	0.02	USA	65.0	380	-	-	ND	1	0.12	1%	
VC 0427	Loofah, angled (= angled gourd)	-	0.02	Thai	53.5	215	-	-	ND	1	0.08	0%	
FP 0228	Loquat	-	0.08	AUS	67.0	64	-	-	ND	ND	ND	-	
GC 0645	Maize	0.01	-	FRA	52.2	212	-	-	ND	3	0.04	0%	
FC 0206	Mandarin	-	0.01	FRA	52.2	639	100	FRA	72	2a	0.15	1%	

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CYHALOTHRIN (146) (including Lambda-cyhalothrin)

International estimate of short term intake (IESTI) for GENERAL POPULATION

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 70%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FI 0345	Mango	-	0.07	AUS	67.0	567	339	SWE	234	3	2a	1.08	5%
MM 0095	Meat from mammals other than marine mammals: 20% as fat	-	2.2	AUS	67.0	104	-	-	ND	ND	1	3.42	20%
MM 0095	Meat from mammals other than marine mammals: 80% as muscle	-	0.1	AUS	67.0	417	-	-	ND	ND	1	0.62	3%
VC 0046	Melons, except watermelon	-	0.02	FRA	52.2	1044	700	FRA	420	3	2a	0.72	4%
MIL 0106	Milks	0.08	-	USA	65.0	2466	-	-	ND	ND	3	3.04	20%
VD 0536	Mung bean (dry)	0.01	-	Thai	53.5	80	-	-	ND	ND	3	0.02	0%
SO 0090	Mustard seed, stated as mustard seed SO 0485	0.01	-	AUS	67.0	21	-	-	ND	ND	3	0.00	0%
FS 0245	Nectarine	-	0.33	FRA	52.2	604	136	USA	125	3	2a	5.40	30%
GC 0647	Oats	0.01	-	USA	65.0	175	-	-	ND	ND	3	0.03	0%
VO 0442	Okra	-	0.18	USA	65.0	235	10	JPN	10	1	1	0.65	3%
FT 0305	Olive	-	0.42	FRA	52.2	116	-	-	ND	ND	1	0.93	5%
OR 0305	Olive oil, refined	0.077	-	FRA	52.2	48	-	-	ND	ND	3	0.07	0%
-	Olive oil, residue oil	0.091	-	-	-	ND	-	-	ND	ND	3	ND	-
VA 0385	Onion, Bulb	-	0.11	NLD	63.0	172	110	USA	100	3	2a	0.65	3%
VA 0387	Onion, Welsh	-	0.11	JPN	52.6	99	100	JPN	100	3	2b	0.62	3%
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.01	FRA	52.2	1044	190	FRA	137	3	2a	0.25	1%
OR 1240	Palm kernel oil, edible	0.01	-	FRA	52.2	10	-	-	ND	ND	3	0.00	0%
OR 0696	Palm oil, edible	0.01	-	NLD	63.0	7	-	-	ND	ND	3	0.00	0%
FS 0247	Peach	-	0.33	SAF	55.7	685	98	USA	85	3	2a	5.07	30%
OR 0697	Peanut oil, edible	0.01	-	AUS	67.0	54	-	-	ND	ND	3	0.01	0%
SO 0697	Peanut, shelled	0.01	-	FRA	52.2	135	-	-	ND	ND	3	0.03	0%
SO 0703	Peanut, whole in shell	-	0.15	SAF	55.7	144	-	-	ND	ND	1	0.39	2%
FP 0230	Pear	-	0.08	FRA	52.2	568	166	USA	151	3	2a	1.33	7%
VD 0072	Peas (dry)	0.01	-	FRA	52.2	356	-	-	ND	ND	3	0.07	0%
VP 0063	Peas (green pods & immature seeds)	-	0.11	JPN	52.6	63	-	-	ND	ND	1	0.13	1%
VP 0064	Peas, shelled (immature seeds)	-	0.11	FRA	52.2	435	-	-	ND	ND	1	0.92	5%
VO 0444	Peppers, Chilli	-	0.18	USA	65.0	90	45	USA	43	3	2a	0.49	2%
VO 0445	Peppers, sweet (incl. pim(i)tento)	-	0.18	FRA	52.2	90	172	UNK	160	3	2b	0.93	5%
VD 0537	Pigeon pea	0.01	-	-	-	ND	-	-	ND	ND	3	ND	-

Annex 4

International estimate of short term intake (IESTI) for
GENERAL POPULATION

CYHALOTHHRIN (146) (including Lambda-cyhalothrin)

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 70%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FS 0014	Plum (incl dried)	-	0.1	Thai	53.5	480	66	USA	62	3	2a	1.13	6%
GC 0656	Popcorn	0.01	-	JPN	52.6	175	-	-	ND	ND	3	0.03	0%
SO 0698	Poppy seed	0.01	-	AUS	67.0	9	-	-	ND	ND	3	0.00	0%
FP 0231	Quince	-	0.08	AUS	67.0	175	92	USA	56	3	2a	0.34	2%
OR 0495	Rape seed oil, edible	0.01	-	AUS	67.0	65	-	-	ND	ND	3	0.01	0%
FB 0272	Raspberries, red, black	-	0.09	FRA	52.2	251	-	-	ND	ND	1	0.43	2%
CM 1206	Rice bran, unprocessed	0.065	-	AUS	67.0	50	-	-	ND	ND	3	0.05	0%
CM 0649	Rice, husked	0.295	-	JPN	52.6	319	-	-	ND	ND	3	1.79	9%
CM 1205	Rice, polished	0.003	-	Thai	53.5	412	-	-	ND	ND	3	0.02	0%
VR 0075	Root and tuber vegetables	-	0	-	-	ND	-	-	ND	ND	ND	ND	-
FB 0273	Rose hips	-	0.09	NLD	63.0	25	-	-	ND	ND	1	0.04	0%
GC 0650	Rye	0.01	-	FRA	52.2	161	-	-	ND	ND	3	0.03	0%
OR 0699	Safflower seed oil, edible	0.01	-	AUS	67.0	19	-	-	ND	ND	3	0.00	0%
SO 0700	Sesame seed	0.01	-	Thai	53.5	24	-	-	ND	ND	3	0.00	0%
OR 0700	Sesame seed oil, edible	0.01	-	AUS	67.0	19	-	-	ND	ND	3	0.00	0%
FC 0005	Shaddock or pomelo + shaddock-like hybrid	-	0.01	Thai	53.5	554	210	FRA	126	3	2a	0.15	1%
VA 0388	Shallot	-	0.11	AUS	67.0	71	-	-	ND	ND	1	0.12	1%
VC 0430	Snake gourd	-	0.02	Thai	53.5	215	-	-	ND	ND	1	0.08	0%
VD 0541	Soya bean (dry)	0.01	-	JPN	52.6	159	-	-	ND	ND	3	0.03	0%
VP 0541	Soya bean (immature seeds)	-	0.11	Thai	53.5	129	-	-	ND	ND	1	0.27	1%
OR 0541	Soya bean oil, refined	0.01	-	USA	65.0	98	-	-	ND	ND	3	0.02	0%
VA 0389	Spring onion	-	0.11	Thai	53.5	71	-	-	ND	ND	1	0.15	1%
VC 0431	Squash, summer (= courgette)	-	0.02	FRA	52.2	351	300	FRA	270	3	2a	0.34	2%
FB 0275	Strawberry	-	0.09	FRA	52.2	531	14	FRA	13	1	1	0.92	5%
GS 0659	Sugar cane	0.03	-	Thai	53.5	366	-	-	ND	ND	3	0.21	1%
DM 0659	Sugar cane molasses	0.001	-	AUS	67.0	214	-	-	ND	ND	3	0.00	0%
SO 0702	Sunflower seed	0.01	-	USA	65.0	193	-	-	ND	ND	3	0.03	0%
OR 0702	Sunflower seed oil, edible	0.01	-	FRA	52.2	54	-	-	ND	ND	3	0.01	0%
VO 0447	Sweet corn (corn-on-the-cob)	-	0.18	Thai	53.5	383	215	UNK	125	3	2a	2.13	10%
VO 0448	Tomato	-	0.18	FRA	52.2	387	105	FRA	102	3	2a	2.04	10%

Annex 4

CYHALOTHRIN (146) (including Lambda-cyhalothrin)

International estimate of short term intake (IESTI) for GENERAL POPULATION

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 70%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
JF 0448	Tomato juice	0.002	-	-	-	ND	-	ND	ND	3	ND	-	
-	Tomato paste	0.007	-	-	-	ND	-	ND	ND	ND	ND	-	
TN 0085	Tree nuts	-	0.01	JPN	52.6	107	-	ND	ND	1	0.00	0%	
FB 0019	Vaccinium berries (incl. Bearberry)	-	0.09	-	-	ND	-	ND	ND	1	ND	-	
VC 0432	Watermelon	-	0.02	USA	65.0	1939	USA	2078	3	2b	1.79	9%	
GC 0654	Wheat	0.01	-	FRA	52.2	703	-	ND	ND	3	0.13	1%	
CM 0654	Wheat bran, unprocessed	0.045	-	USA	65.0	80	-	ND	ND	3	0.06	0%	
-	Wine	0.01	-	FRA	52.2	1006	-	ND	ND	3	0.19	1%	
VC 0433	Winter squash (= pumpkin), stated as pumpkin, VC 0429	-	0.02	SAF	55.7	1003	JPN	1000	3	2a	1.08	5%	
VP 0544	Yard-long beans (green pods & immature seeds)	-	0.11	Thai	53.5	139	-	ND	ND	1	0.28	1%	

Annex 4

CYHALOTHHRIN (146) (including Lambda-cyhalothrin)

International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 160%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Country	Unit weight, g	Country					
FC 0204	Lemon	-	0.01	JPN	15.9	88	JPN	100	FRA	64	3	2a	0.14	1%
FP 0226	Apple	-	0.08	USA	15.0	679	USA	138	USA	127	3	2a	4.97	20%
JF 0226	Apple juice	0.008	-	-	-	ND	-	-	-	ND	ND	3	ND	-
FS 0240	Apricot	-	0.33	AUS	19.0	414	AUS	35	USA	34	3	2a	8.36	40%
VS 0621	Asparagus	-	0.01	USA	15.0	178	USA	25	FRA	13	3	2a	0.14	1%
GC 0640	Barley	0.02	-	AUS	19.0	14	AUS	-	-	ND	ND	3	0.01	0%
VP 0061	Beans except broad bean & soya bean (green pods & immature seeds)	-	0.11	FRA	18.9	215	FRA	-	-	ND	ND	1	1.25	6%
VP 0062	Beans, shelled (immature seeds)	-	0.11	FRA	18.9	220	FRA	-	-	ND	ND	1	1.28	6%
FB 0018	Berries and other small fruits	-	0.09	AUS	19.0	221	AUS	-	-	ND	ND	1	1.05	5%
FB 0264	Blackberries	-	0.09	FRA	18.9	50	FRA	-	-	ND	ND	1	0.24	1%
FB 0020	Blueberries	-	0.09	USA	15.0	21	USA	-	-	ND	ND	1	0.13	1%
CM 0081	Bran, unprocessed of cereal grain (except buckwheat, canihua, quinoa)	0.045	-	AUS	19.0	13	AUS	-	-	ND	ND	3	0.03	0%
CP 0179	Bread & other cooked cereal products	0.01	-	JPN	15.9	227	JPN	-	-	ND	ND	3	0.14	1%
VD 0523	Broad bean (dry)	0.01	-	AUS	19.0	32	AUS	-	-	ND	ND	3	0.02	0%
VP 0522	Broad bean (green pods & immature seeds)	-	0.11	-	-	ND	-	-	-	ND	ND	1	ND	-
VP 0523	Broad bean, shelled (immature seeds)	-	0.11	-	-	ND	-	-	-	ND	ND	1	ND	-
VB 0400	Broccoli	-	0.3	FRA	18.9	254	FRA	608	USA	474	3	2b	12.11	60%
VB 0041	Cabbages, Head	-	0.67	SAF	14.2	220	SAF	1650	BEL	1403	3	2b	31.16	160%
MF 0812	Cattle fat	-	2.2	USA	15.0	27	USA	-	-	ND	ND	1	3.96	20%
VB 0404	Cauliflower (head)	-	0.3	NLD	17.0	209	NLD	575	USA	224	3	2b	11.08	60%
VC 0423	Chayote	-	0.02	AUS	19.0	105	AUS	-	-	ND	ND	1	0.11	1%
FS 0013	Cherries	-	0.18	AUS	19.0	250	AUS	5	JPN	5	1	1	2.37	10%
VD 0524	Chick-pea (dry)	0.01	-	USA	15.0	34	USA	-	-	ND	ND	3	0.02	0%
VP 0526	Common bean (green pods and/or immature seeds)	-	0.11	NLD	17.0	184	NLD	-	-	ND	ND	1	1.19	6%
SO 0691	Cotton seed	0.01	-	USA	15.0	1	USA	-	-	ND	ND	3	0.00	0%
OR 0691	Cotton seed oil, edible	0.001	-	USA	15.0	6	USA	-	-	ND	ND	3	0.00	0%
VD 0527	Cowpea (dry)	0.01	-	USA	15.0	43	USA	-	-	ND	ND	3	0.03	0%

Annex 4

CYHALOTHRIN (146) (including Lambda-cyhalothrin)

International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS

Acute RID= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARFD: 160%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
VD 0527	Cowpea (dry), stated as black-eyed pea VD 4467	0.01	-	NLD	17.0	28	-	-	ND	3	0.02	0%	
FB 0265	Cranberries	-	0.09	USA	15.0	102	-	ND	ND	1	0.61	3%	
VC 0424	Cucumber	-	0.02	NLD	17.0	162	400	FRA	360	2b	0.57	3%	
FB 0021	Currants, red, black, white	-	0.09	AUS	19.0	584	-	ND	ND	1	2.77	10%	
FB 0266	Dewberries, incl boysen- & loganberry	-	0.09	AUS	19.0	76	-	ND	ND	1	0.36	2%	
VO 0440	Egg plant	-	0.18	JPN	15.9	219	548	USA	444	2b	7.45	40%	
FB 0267	Elderberries	-	0.09	NLD	17.0	9	-	ND	ND	1	0.05	0%	
VA 0380	Fennel, bulb	-	0.11	FRA	18.9	145	234	USA	218	2b	2.54	10%	
VD 0561	Field pea (dry)	0.01	-	USA	15.0	11	-	ND	ND	3	0.01	0%	
VD 0561	Field pea (dry), stated as pea (dry), VD 4511	0.01	-	-	-	ND	-	ND	ND	3	ND	-	
VP 0528	Garden pea (green pods & immature seeds)	-	0.11	USA	15.0	109	-	ND	ND	1	0.80	4%	
VP 0529	Garden pea, shelled (immature seeds)	-	0.11	NLD	17.0	146	-	ND	ND	1	0.94	5%	
VA 0381	Garlic	-	0.11	FRA	18.9	4	-	ND	ND	1	0.02	0%	
VC 0425	Gherkin	-	0.02	NLD	17.0	56	15	FRA	15	1	0.07	0%	
FB 0268	Gooseberries	-	0.09	-	-	ND	-	ND	ND	1	ND	-	
FB 0269	Grape (excl wine)	-	0.09	AUS	19.0	342	125	FRA	118	1	1.62	8%	
JF 0269	Grape juice	0.01	-	FRA	18.9	500	-	ND	ND	3	0.26	1%	
FC 0203	Grapefruit	-	0.01	FRA	18.9	405	400	JPN	400	2a	0.64	3%	
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	0.27	USA	15.0	59	-	ND	ND	1	1.07	5%	
MO 0098	Kidney of cattle, goats, pigs and sheep	-	0.09	USA	15.0	187	-	ND	ND	1	1.12	6%	
VA 0384	Leek	-	0.11	FRA	18.9	125	100	FRA	50	2a	1.31	7%	
VD 0533	Lentil (dry)	0.01	-	FRA	18.9	291	-	ND	ND	3	0.15	1%	
VP 0534	Lima bean (green pods & immature seeds)	-	0.11	USA	15.0	117	-	ND	ND	1	0.86	4%	
FC 0205	Lime	-	0.01	AUS	19.0	26	67	USA	56	2b	0.04	0%	
SO 0693	Linseed	0.01	-	-	-	ND	-	ND	ND	3	ND	-	
MO 0099	Liver of cattle, goats, pigs and sheep	-	0.02	USA	15.0	136	-	ND	ND	1	0.18	1%	
VC 0427	Loofah, angled (= angled gourd)	-	0.02	Thai	17.1	130	-	ND	ND	1	0.15	1%	
FP 0228	Loquat	-	0.08	-	-	ND	-	ND	ND	ND	ND	-	
GC 0645	Maize	0.01	-	FRA	18.9	117	-	ND	ND	3	0.06	0%	
FC 0206	Mandarin	-	0.01	JPN	15.9	353	100	FRA	72	2a	0.31	2%	

Annex 4

International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS

CYHALOTHRIN (146) (including Lambda-cyhalothrin)

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw) Maximum %ARfD: 160%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FI 0345	Mango	-	0.07	Thai	17.1	191	339	SWE	234	3	2b	2.35	10%
MM 0095	Meat from mammals other than marine mammals: 20% as fat	-	2.2	AUS	19.0	52	-	-	ND	ND	1	6.03	30%
MM 0095	Meat from mammals other than marine mammals: 80% as muscle	-	0.1	AUS	19.0	208	-	-	ND	ND	1	1.10	5%
VC 0046	Melons, except watermelon	-	0.02	FRA	18.9	597	700	FRA	420	3	2a	1.52	8%
MIL 0106	Milks	0.08	-	USA	15.0	1286	-	-	ND	ND	3	6.86	30%
VD 0536	Mung bean (dry)	0.01	-	Thai	17.1	56	-	-	ND	ND	3	0.03	0%
SO 0090	Mustard seed, stated as mustard seed SO 0485	0.01	-	AUS	19.0	13	-	-	ND	ND	3	0.01	0%
FS 0245	Nectarine	-	0.33	AUS	19.0	302	136	USA	125	3	2a	9.59	50%
GC 0647	Oats	0.01	-	USA	15.0	62	-	-	ND	ND	3	0.04	0%
VO 0442	Okra	-	0.18	USA	15.0	203	10	JPN	10	1	1	2.43	10%
FT 0305	Olive	-	0.42	FRA	18.9	202	-	-	ND	ND	1	4.48	20%
OR 0305	Olive oil, refined	0.077	-	FRA	18.9	25	-	-	ND	ND	3	0.10	1%
-	Olive oil, residue oil	0.091	-	-	-	ND	-	-	ND	ND	3	ND	-
VA 0385	Onion, Bulb	-	0.11	NLD	17.0	86	110	USA	100	3	2b	1.66	8%
VA 0387	Onion, Welsh	-	0.11	JPN	15.9	49	100	JPN	100	3	2b	1.01	5%
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.01	UNK	14.5	495	190	FRA	137	3	2a	0.53	3%
OR 1240	Palm kernel oil, edible	0.01	-	FRA	18.9	5	-	-	ND	ND	3	0.00	0%
OR 0696	Palm oil, edible	0.01	-	-	-	ND	-	-	ND	ND	3	ND	-
FS 0247	Peach	-	0.33	AUS	19.0	315	98	USA	85	3	2a	8.44	40%
OR 0697	Peanut oil, edible	0.01	-	AUS	19.0	9	-	-	ND	ND	3	0.00	0%
SO 0697	Peanut, shelled	0.01	-	USA	15.0	78	-	-	ND	ND	3	0.05	0%
SO 0703	Peanut, whole in shell	-	0.15	SAF	14.2	50	-	-	ND	ND	1	0.53	3%
FP 0230	Pear	-	0.08	UNK	14.5	279	166	USA	151	3	2a	3.21	20%
VD 0072	Peas (dry)	0.01	-	USA	15.0	86	-	-	ND	ND	3	0.06	0%
VP 0063	Peas (green pods & immature seeds)	-	0.11	JPN	15.9	48	-	-	ND	ND	1	0.33	2%
VP 0064	Peas, shelled (immature seeds)	-	0.11	UNK	14.5	174	-	-	ND	ND	1	1.32	7%
VO 0444	Peppers, Chilli	-	0.18	AUS	19.0	31	45	USA	43	3	2b	0.87	4%
VO 0445	Peppers, sweet (incl. pim(i)tento)	-	0.18	Thai	17.1	71	172	UNK	160	3	2b	2.25	10%
VD 0537	Pigeon pea	0.01	-	-	-	ND	-	-	ND	ND	3	ND	-

Annex 4

CYHALOTHRIN (146) (including Lambda-cyhalothrin)

International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 160%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FS 0014	Plum (incl dried)	-	0.1	Thai	17.1	377	66	USA	62	3	2a	2.93	10%
GC 0656	Popcorn	0.01	-	JPN	15.9	53	-	-	ND	ND	3	0.03	0%
SO 0698	Poppy seed	0.01	-	-	-	ND	-	-	ND	ND	3	ND	-
FP 0231	Quince	-	0.08	NLD	17.0	1	92	USA	56	3	2b	0.01	0%
OR 0495	Rape seed oil, edible	0.01	-	AUS	19.0	18	-	-	ND	ND	3	0.01	0%
FB 0272	Raspberries, red, black	-	0.09	FRA	18.9	157	-	-	ND	ND	1	0.75	4%
CM 1206	Rice bran, unprocessed	0.065	-	USA	15.0	3	-	-	ND	ND	3	0.01	0%
CM 0649	Rice, husked	0.295	-	FRA	18.9	121	-	-	ND	ND	3	1.89	9%
CM 1205	Rice, polished	0.003	-	JPN	15.9	199	-	-	ND	ND	3	0.04	0%
VR 0075	Root and tuber vegetables	-	0	-	-	ND	-	-	ND	ND	ND	ND	-
FB 0273	Rose hips	-	0.09	NLD	17.0	16	-	-	ND	ND	1	0.08	0%
GC 0650	Rye	0.01	-	NLD	17.0	37	-	-	ND	ND	3	0.02	0%
OR 0699	Safflower seed oil, edible	0.01	-	FRA	18.9	1	-	-	ND	ND	3	0.00	0%
SO 0700	Sesame seed	0.01	-	Thai	17.1	20	-	-	ND	ND	3	0.01	0%
OR 0700	Sesame seed oil, edible	0.01	-	AUS	19.0	5	-	-	ND	ND	3	0.00	0%
FC 0005	Shaddock or pomelo + shaddock-like hybrid	-	0.01	Thai	17.1	327	210	FRA	126	3	2a	0.34	2%
VA 0388	Shallot	-	0.11	AUS	19.0	18	-	-	ND	ND	1	0.10	1%
VC 0430	Snake gourd	-	0.02	Thai	17.1	130	-	-	ND	ND	1	0.15	1%
VD 0541	Soya bean (dry)	0.01	-	JPN	15.9	88	-	-	ND	ND	3	0.06	0%
VP 0541	Soya bean (immature seeds)	-	0.11	Thai	17.1	66	-	-	ND	ND	1	0.42	2%
OR 0541	Soya bean oil, refined	0.01	-	USA	15.0	35	-	-	ND	ND	3	0.02	0%
VA 0389	Spring onion	-	0.11	Thai	17.1	53	-	-	ND	ND	1	0.34	2%
VC 0431	Squash, summer (= courgette)	-	0.02	AUS	19.0	219	300	FRA	270	3	2b	0.69	3%
FB 0275	Strawberry	-	0.09	FRA	18.9	354	14	FRA	13	1	1	1.68	8%
GS 0659	Sugar cane	0.03	-	Thai	17.1	181	-	-	ND	ND	3	0.32	2%
DM 0659	Sugar cane molasses	0.001	-	AUS	19.0	168	-	-	ND	ND	3	0.01	0%
SO 0702	Sunflower seed	0.01	-	USA	15.0	24	-	-	ND	ND	3	0.02	0%
OR 0702	Sunflower seed oil, edible	0.01	-	FRA	18.9	27	-	-	ND	ND	3	0.01	0%
VO 0447	Sweet corn (corn-on-the-cob)	-	0.18	Thai	17.1	197	215	UNK	125	3	2a	4.70	20%
VO 0448	Tomato	-	0.18	FRA	18.9	215	105	FRA	102	3	2a	3.99	20%

Annex 4

CYHALOTHRIN (146) (including Lambda-cyhalothrin)

International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 160%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
JF 0448	Tomato juice	0.002	-	-	-	ND	-	ND	ND	3	ND	-	
-	Tomato paste	0.007	-	-	-	ND	-	ND	ND	ND	ND	-	
TN 0085	Tree nuts	-	0.01	AUS	19.0	28	-	ND	ND	1	0.00	0%	
FB 0019	Vaccinium berries (incl. Bearberry)	-	0.09	-	-	ND	-	ND	ND	1	ND	-	
VC 0432	Watermelon	-	0.02	AUS	19.0	1473	USA	2078	3	2b	4.65	20%	
GC 0654	Wheat	0.01	-	FRA	18.9	384	-	ND	ND	3	0.20	1%	
CM 0654	Wheat bran, unprocessed	0.045	-	USA	15.0	30	-	ND	ND	3	0.09	0%	
-	Wine	0.01	-	FRA	18.9	89	-	ND	ND	3	0.05	0%	
VC 0433	Winter squash (= pumpkin), stated as pumpkin, VC 0429	-	0.02	SAF	14.2	224	JPN	1000	3	2b	0.95	5%	
VP 0544	Yard-long beans (green pods & immature seeds)	-	0.11	Thai	17.1	79	-	ND	ND	1	0.51	3%	

Annex 4

CYPERMETHRIN (118)

International estimate of short term intake (IESTI) for

Acute RfD= 0.04 mg/kg bw (40 µg/kg bw)

GENERAL POPULATION

Maximum %ARfD: 40%

Codex Code	Commodity	STMR or HR or HR-P		Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		mg/kg	mg/kg	Country	Body weight (kg)	g	Country					
FP 0226	Apple	-	0.56	USA	65.0	1348	USA	138	3	2a	13.80	30%
VS 0620	Artichoke globe	-	0.04	FRA	62.3	534	FRA	230	3	2a	0.47	1%
VS 0621	Asparagus	-	0.01	NLD	63.0	398	FRA	25	3	2a	0.07	0%
GC 0640	Barley	0.035	-	NLD	63.0	378	-	-	ND	3	0.21	1%
-	Barley beer	0.001	-	-	-	ND	-	-	ND	3	ND	-
VD 0071	Beans (dry)	0.05	-	FRA	62.3	255	-	-	ND	3	0.21	1%
VP 0062	Beans, shelled (immature seeds)	-	0.45	FRA	62.3	312	-	-	-	1	2.25	6%
VB 0400	Broccoli	-	0.65	USA	65.0	376	BEL	310	3	2a	7.48	20%
VB 0402	Brussels sprouts	-	0.65	NLD	63.0	394	UNK	7	1	1	4.06	10%
VB 0041	Cabbages, Head	-	0.65	SAF	55.7	362	UNK	771	3	2b	12.68	30%
FT 0289	Carambola (= star fruit)	-	0.09	Thai	53.5	388	-	-	ND	ND	ND	-
VR 0577	Carrot	-	0.01	NLD	63.0	335	FRA	100	3	2a	0.08	0%
VB 0404	Cauliflower (head)	-	0.65	UNK	70.1	579	BEL	1000	3	2b	16.11	40%
FS 0013	Cherries	-	0.94	FRA	62.3	375	FRA	5	1	1	5.66	10%
SB 0716	Coffee beans	0	-	NLD	63.0	66	-	-	ND	3	0.00	0%
VP 0526	Common bean (green pods and/or immature seeds)	-	0.45	NLD	63.0	431	-	-	-	1	3.08	8%
SO 0691	Cotton seed	0.05	-	USA	65.0	3	-	-	ND	3	0.00	0%
VC 0424	Cucumber	-	0.05	NLD	63.0	313	FRA	400	3	2b	0.75	2%
FI 0334	Durian	-	0.47	Thai	53.5	471	Thai	3000	3	2b	12.41	30%
MO 0105	Edible offal (mammalian)	-	0.04	FRA	62.3	277	-	-	ND	1	0.18	0%
VO 0440	Egg plant	-	0.02	AUS	67.0	487	JPN	80	3	2a	0.19	0%
PE 0112	Eggs	-	0.0033	Thai	53.5	195	-	-	ND	1	0.01	0%
VL 0476	Endive	-	0.52	NLD	63.0	404	-	-	ND	ND	ND	-
VD 0561	Field pea (dry), stated as pea (dry), VD 4511	0.05	-	NLD	63.0	252	-	-	ND	3	0.20	1%
FB 0269	Grape (excl wine)	-	0.09	AUS	67.0	513	JPN	150	3	2a	1.09	3%
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	0.3	FRA	62.3	135	-	-	ND	1	0.65	2%
VA 0384	Leek	-	0.03	FRA	62.3	374	FRA	100	3	2a	0.23	1%
VL 0482	Lettuce, head	-	0.52	USA	65.0	213	USA	539	3	2b	5.10	10%

Annex 4

CYPERMETHRIN (118)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RfD= 0.04 mg/kg bw (40 µg/kg bw)
Maximum %ARfD: 40%

Codex Code	Commodity	Large portion diet		Unit weight, g	Unit weight, Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		Country	Body weight (kg)							
FI 0343	Litchi	Thai	53.5	264	33	21	3	2a	4.51	10%
FI 0342	Longan	Thai	53.5	389	10	7	1	1	3.42	9%
GC 0645	Maize	FRA	62.3	260	-	ND	ND	3	0.15	0%
FI 0345	Mango	FRA	62.3	567	207	139	3	2a	4.74	10%
MM 0095	Meat from mammals other than marine mammals: 20% as fat	AUS	67.0	104	-	ND	ND	1	1.18	3%
MM 0095	Meat from mammals other than marine mammals: 80% as muscle	AUS	67.0	417	-	ND	ND	1	0.25	1%
VC 0046	Melons, except watermelon	USA	65.0	655	700	420	3	2a	0.23	1%
ML 0106	Milks	USA	65.0	2466	-	ND	ND	3	0.42	1%
GC 0647	Oats	FRA	62.3	305	-	ND	ND	3	0.17	0%
VO 0442	Okra	USA	65.0	235	10	10	1	1	0.72	2%
FT 0305	Olive	NLD	63.0	63	-	ND	ND	ND	ND	-
VA 0385	Onion, Bulb	FRA	62.3	306	140	126	3	2a	0.09	0%
FI 0350	Papaya	USA	65.0	567	304	204	3	2a	3.45	9%
FS 0247	Peach	SAF	55.7	685	98	85	3	2a	14.44	40%
FP 0230	Pear	USA	65.0	693	166	151	3	2a	8.57	20%
VD 0072	Peas (dry)	FRA	62.3	445	-	ND	ND	3	0.36	1%
VP 0063	Peas (green pods & immature seeds)	JPN	52.6	63	-	-	-	1.00	0.54	1%
VP 0064	Peas, shelled (immature seeds)	UNK	70.1	437	-	-	-	1.00	2.80	7%
VO 0444	Peppers, Chilli	USA	65.0	90	45	43	3	2a	1.88	5%
VO 0445	Peppers, sweet (incl. pim(0)ento)	FRA	62.3	207	40	40	3	2a	0.32	1%
FS 0014	Plum (incl dried)	Thai	53.5	480	66	62	3	2a	10.61	30%
DF 0014	Plum, dried (prunes)	USA	65.0	303	6	5	1	1	13.98	30%
VR 0589	Potato	NLD	63.0	687	200	160	3	2a	0.16	0%
PM 0110	Poultry meat: 10% as fat	AUS	67.0	43	-	ND	ND	1	0.02	0%
PM 0110	Poultry meat: 90% as muscle	AUS	67.0	388	-	ND	ND	1	0.04	0%
PO 0111	Poultry, Edible offal of	USA	65.0	248	-	ND	ND	1	0.03	0%
OR 0495	Rape seed oil, edible	AUS	67.0	65	-	ND	ND	3	0.06	0%
GC 0649	Rice	FRA	62.3	312	-	ND	ND	3	2.85	7%
VD 0541	Soya bean (dry)	JPN	52.6	159	-	ND	ND	3	0.15	0%
VL 0502	Spinach (bunch)	NLD	63.0	820	340	245	3	2a	10.81	30%

Annex 4

CYPERMETHRIN (118)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RID= 0.04 mg/kg bw (40 µg/kg bw)
Maximum %ARfD: 40%

Codex Code	Commodity	Large portion diet		Unit weight Unit weight, g	Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
		Country	Body weight (kg)							
FB 0275	Strawberry	FRA	62.3	346	FRA	13	1	1	0.28	1%
GS 0659	Sugar cane	Thai	53.5	366	-	ND	ND	ND	ND	-
VO 0447	Sweet corn (corn-on-the-cob)	Thai	53.5	383	UNK	125	3	2a	0.00	0%
VO 0448	Tomato	USA	65.0	391	USA	123	3	2a	0.78	2%
GC 0654	Wheat	USA	65.0	383	-	ND	ND	3	0.21	1%
CM 0654	Wheat bran, unprocessed	USA	65.0	80	-	ND	ND	ND	ND	-
-	Wine	AUS	67.0	1131	-	ND	ND	3	0.02	0%

CYPERMETHRIN (118)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RID= 0.04 mg/kg bw (40 µg/kg bw)
Maximum %ARfD: 90%

Codex Code	Commodity	Large portion diet		Unit weight Unit weight, g	Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
		Country	Body weight (kg)							
FP 0226	Apple	USA	15.0	679	USA	127	3	2a	34.82	90%
VS 0620	Artichoke globe	FRA	17.8	89	FRA	99	3	2b	0.60	2%
VS 0621	Asparagus	USA	15.0	178	FRA	13	3	2a	0.14	0%
GC 0640	Barley	AUS	19.0	14	-	ND	ND	3	0.03	0%
-	Barley beer	-	-	ND	-	ND	ND	3	ND	-
VD 0071	Beans (dry)	FRA	17.8	209	-	ND	ND	3	0.59	1%
VP 0062	Beans, shelled (immature seeds)	FRA	17.8	198	-	-	-	1	5.00	10%
VB 0400	Broccoli	USA	15.0	164	BEL	186	3	2b	21.35	50%
VB 0402	Brussels sprouts	NLD	17.0	213	UNK	7	1	1	8.13	20%
VB 0041	Cabbages, Head	SAF	14.2	220	UNK	540	3	2b	30.23	80%
FT 0289	Carambola (= star fruit)	Thai	17.1	245	-	ND	ND	ND	ND	-
VR 0577	Carrot	FRA	17.8	205	FRA	89	3	2a	0.22	1%
VB 0404	Cauliflower (head)	NLD	17.0	209	BEL	640	3	2b	24.00	60%
FS 0013	Cherries	FRA	17.8	297	FRA	4	1	1	15.67	40%
SB 0716	Coffee beans	NLD	17.0	19	-	ND	ND	3	0.00	0%

Annex 4

CYPERMETHRIN (118) International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS
 Acute RID= 0.04 mg/kg bw (40 µg/kg bw)
 Maximum %ARFD: 90%

Codex Code	Commodity	STMR or P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight, g	Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)							
VP 0526	Common bean (green pods and/or immature seeds)	-	0.45	NLD	17.0	184	-	-	1	4.87	10%	
SO 0691	Cotton seed	0.05	-	USA	15.0	1	-	ND	3	0.00	0%	
VC 0424	Cucumber	-	0.05	NLD	17.0	162	FRA	360	2b	1.43	4%	
FI 0334	Durian	-	0.47	Thai	17.1	289	-	ND	ND	ND	-	
MO 0105	Edible offal (mammalian)	-	0.04	FRA	17.8	203	-	ND	1	0.46	1%	
VO 0440	Egg plant	-	0.02	JPN	15.9	219	JPN	80	2a	0.48	1%	
PE 0112	Eggs	-	0.0033	Thai	17.1	109	-	ND	1	0.02	0%	
VL 0476	Endive	-	0.52	NLD	17.0	212	-	ND	ND	ND	-	
VD 0561	Field pea (dry), stated as pea (dry), VD 4511	0.05	-	-	-	ND	-	ND	3	ND	-	
FB 0269	Grape (excl wine)	-	0.09	AUS	19.0	342	JPN	150	2a	3.04	8%	
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	0.3	USA	15.0	59	-	ND	1	1.19	3%	
VA 0384	Leek	-	0.03	FRA	17.8	121	FRA	50	2a	0.37	1%	
VL 0482	Lettuce, head	-	0.52	Thai	17.1	117	USA	512	2b	10.65	30%	
FI 0343	Litchi	-	0.79	Thai	17.1	147	-	ND	ND	ND	-	
FI 0342	Longan	-	0.47	Thai	17.1	232	-	ND	ND	ND	-	
GC 0645	Maize	0.035	-	FRA	17.8	148	-	ND	3	0.29	1%	
FI 0345	Mango	-	0.35	Thai	17.1	191	USA	139	2a	9.59	20%	
MM 0095	Meat from mammals other than marine mammals: 20% as fat	-	0.76	AUS	19.0	52	-	ND	1	2.08	5%	
MM 0095	Meat from mammals other than marine mammals: 80% as muscle	-	0.04	AUS	19.0	208	-	ND	1	0.44	1%	
VC 0046	Melons, except watermelon	-	0.01	AUS	19.0	413	FRA	420	2b	0.65	2%	
MIL 0106	Milks	0.011	-	USA	15.0	1286	-	ND	3	0.94	2%	
GC 0647	Oats	0.035	-	USA	15.0	62	-	ND	3	0.15	0%	
VO 0442	Okra	-	0.2	USA	15.0	203	JPN	10	1	2.70	7%	
FT 0305	Olive	-	0.05	FRA	17.8	49	-	ND	ND	ND	-	
VA 0385	Onion, Bulb	-	0.01	FRA	17.8	127	FRA	126	2a	0.21	1%	
FI 0350	Papaya	-	0.23	USA	15.0	240	USA	204	2a	9.93	20%	
FS 0247	Peach	-	0.94	AUS	19.0	315	USA	85	2a	24.05	60%	
FP 0230	Pear	-	0.56	UNK	14.5	279	USA	151	2a	22.44	60%	

Annex 4

CYPERMETHRIN (118)
International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RID= 0.04 mg/kg bw (40 µg/kg bw)
Maximum %ARfD: 90%

Codex Code	Commodity	STM or STMR- P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)	g/person	Unit weight, g						
VD 0072	Peas (dry)	0.05	-	FRA	17.8	107	-	-	ND	3	0.30	1%	
VP 0063	Peas (green pods & immature seeds)	-	0.45	JPN	15.9	48	-	-	-	1	1.35	3%	
VP 0064	Peas, shelled (immature seeds)	-	0.45	UNK	14.5	174	-	-	-	1	5.40	10%	
VO 0444	Peppers, Chilli	-	0.69	AUS	19.0	31	USA	43	3	2b	3.32	8%	
VO 0445	Peppers, sweet (incl. pim(i)ento)	-	0.07	Thai	17.1	71	JPN	40	3	2a	0.62	2%	
FS 0014	Plum (incl dried)	-	0.94	Thai	17.1	377	USA	62	3	2a	27.54	70%	
DF 0014	Plum, dried (prunes)	-	3	AUS	19.0	170	FRA	5	1	1	26.85	70%	
VR 0589	Potato	-	0.01	SAF	14.2	300	FRA	160	3	2a	0.44	1%	
PM 0110	Poultry meat: 10% as fat	-	0.027	AUS	19.0	22	-	ND	ND	1	0.03	0%	
PM 0110	Poultry meat: 90% as muscle	-	0.007	AUS	19.0	201	-	ND	ND	1	0.07	0%	
PO 0111	Poultry, Edible offal of	-	0.007	USA	15.0	37	-	ND	ND	1	0.02	0%	
OR 0495	Rape seed oil, edible	0.06	-	AUS	19.0	18	-	ND	ND	3	0.06	0%	
GC 0649	Rice	0.57	-	FRA	17.8	223	-	ND	ND	3	7.13	20%	
VD 0541	Soya bean (dry)	0.05	-	JPN	15.9	88	-	ND	ND	3	0.28	1%	
VL 0502	Spinach (bunch)	-	0.52	SAF	14.2	420	USA	245	3	2a	33.32	80%	
FB 0275	Strawberry	-	0.05	AUS	19.0	176	FRA	13	1	1	0.46	1%	
GS 0659	Sugar cane	-	0.17	Thai	17.1	181	-	ND	ND	ND	ND	-	
VO 0447	Sweet corn (corn-on-the-cob)	-	0	Thai	17.1	197	UNK	125	3	2a	0.00	0%	
VO 0448	Tomato	-	0.08	USA	15.0	159	USA	123	3	2a	2.16	5%	
GC 0654	Wheat	0.035	-	USA	15.0	151	-	ND	ND	3	0.35	1%	
CM 0654	Wheat bran, unprocessed	0.084	-	USA	15.0	30	-	ND	ND	ND	ND	-	
-	Wine	0.001	-	AUS	19.0	4	-	ND	ND	3	0.00	0%	

Annex 4

DIMETHOATE (027)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RfD = 0.02 mg/kg bw (20 µg/kg bw)

Maximum %ARfD:

40%

Codex Code	Commodity	Large portion diet		Large portion diet		Unit weight, g	Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		Country	Body weight (kg)	Country	g/person							
VL 0482	Lettuce, head	-	0.76	USA	65.0	213	558	413	3	2b	7.46	40%
VO 0445	Peppers, sweet (incl. pim(i)ento)	-	1.3	FRA	52.2	90	172	160	3	2b	6.75	30%

DIMETHOATE (027)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RfD = 0.02 mg/kg bw (20 µg/kg bw)

Maximum %ARfD:

80%

Codex Code	Commodity	Large portion diet		Large portion diet		Unit weight, g	Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		Country	Body weight (kg)	Country	g/person							
VL 0482	Lettuce, head	-	0.76	Thai	17.1	117	558	413	3	2b	15.57	80%
VO 0445	Peppers, sweet (incl. pim(i)ento)	-	1.3	Thai	17.1	71	172	160	3	2b	16.22	80%

Annex 4

ETHOXYQUIN (035)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RID= 0.5 mg/kg bw (500 µg/kg bw)
Maximum %ARID: 20%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)	Country	Unit weight, g					
FP 0230	Pear	-	6	FRA	52.2	USA	166	151	3	2a	100.01	20%

ETHOXYQUIN (035)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RID= 0.5 mg/kg bw (500 µg/kg bw)
Maximum %ARID: 50%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)	Country	Unit weight, g					
FP 0230	Pear	-	6	UNK	14.5	USA	166	151	3	2a	240.46	50%

Annex 4

IMIDACLOPRID (206) International estimate of short term intake (IESTI) for GENERAL POPULATION Acute RfD= 0.4 mg/kg bw (400 µg/kg bw) Maximum %ARfD: 10%

Codex Code	Commodity	Large portion diet		Unit weight		Unit weight edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		Country	Body weight (kg)	Large portion, g/person	Unit weight, g					
TN 0085	Tree nuts	-	52.6	107	-	ND	ND	1	0.02	0%
TN 0660	Almonds	-	52.6	74	-	ND	ND	1	0.01	0%
VR 0574	Beetroot	-	63.0	414	62	43	3	2a	2.23	1%
FB 0264	Blackberries	-	67.0	138	-	ND	ND	1	5.77	1%
FB 0020	Blueberries	-	67.0	158	-	ND	ND	1	6.61	2%
FB 4079	Boysenberry	-	67.0	21	-	ND	ND	1	0.90	0%
VR 0577	Carrot	-	63.0	335	61	50	3	2a	1.93	0%
TN 0295	Cashew nut	-	53.5	200	-	ND	ND	1	0.04	0%
VR 0463	Cassava	-	53.5	161	-	ND	ND	1	0.84	0%
VR 0578	Celery	-	62.3	374	156	134	3	2a	2.89	1%
TN 0664	Chestnuts	-	67.0	400	-	ND	ND	1	0.06	0%
FB 0265	Cranberries	-	65.0	229	-	ND	ND	1	9.88	2%
FB 0278	Currant, black	-	70.1	1036	-	ND	ND	1	41.38	10%
FB 0279	Currant, red, white	-	62.3	153	-	ND	ND	1	6.89	2%
FB 0021	Currants, red, black, white	-	62.3	153	-	ND	ND	1	6.89	2%
FB 0266	Dewberries, incl boysen- & loganberry	-	67.0	152	-	ND	ND	1	6.36	2%
MO 0105	Edible offal (mammalian)	-	62.3	277	-	ND	ND	1	0.80	0%
PE 0112	Eggs	-	53.5	195	-	ND	ND	1	0.03	0%
FB 0267	Elderberries	-	63.0	21	-	ND	ND	1	0.95	0%
VP 0528	Garden pea (green pods & immature seeds)	-	65.0	244	-	ND	ND	1	14.29	4%
VP 0529	Garden pea, shelled (immature seeds)	-	63.0	301	-	ND	ND	1	5.25	1%
FB 0268	Gooseberries	-	62.3	153	-	ND	ND	1	6.89	2%
TN 0666	Hazelnut	-	67.0	70	-	ND	ND	1	0.01	0%
VR 0585	Jerusalem artichoke	-	67.0	10	150	104	3	2b	0.13	0%
TN 0669	Macadamia nut	-	65.0	107	-	ND	ND	1	0.02	0%
MM 0095	Meat from mammals other than marine mammals: 20% as fat	-	67.0	104	-	ND	ND	1	0.03	0%
MM 0095	Meat from mammals other than marine mammals: 80% as muscle	-	67.0	417	-	ND	ND	1	0.25	0%

Annex 4

IMIDACLOPRID (206) International estimate of short term intake (IESTI) for GENERAL POPULATION Acute RfD= 0.4 mg/kg bw (400 µg/kg bw) Maximum %ARfD: 10%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Unit weight, g	Country					
ML 0106	Milks	0.018	-	USA	65.0	-	-	ND	ND	3	0.68	0%
VR 0588	Parsnip	-	0.28	UNK	70.1	133	USA	113	3	2a	1.71	0%
SO 0697	Peanut, shelled	-	0.40	FRA	62.3	161	-	ND	ND	1	1.04	0%
VD 0072	Peas (dry)	0.62	-	FRA	62.3	445	-	ND	ND	3	4.43	1%
VP 0063	Peas (green pods & immature seeds)	-	3.8	JPN	52.6	63	-	ND	ND	1	4.52	1%
VP 0064	Peas, shelled (immature seeds)	-	1.1	UNK	70.1	437	-	ND	ND	1	6.85	2%
TN 0672	Pecan	-	0.01	AUS	67.0	23	-	ND	ND	1	0.00	0%
TN 0673	Pine nut	-	0.01	AUS	67.0	47	-	ND	ND	1	0.01	0%
TN 0675	Pistachio nut	-	0.01	AUS	67.0	300	-	ND	ND	1	0.04	0%
VR 0589	Potato	-	0.28	NLD	63.0	687	USA	99	3	2a	3.93	1%
PM 0110	Poultry meat: 10% as fat	-	0.001	AUS	67.0	43	-	ND	ND	1	0.00	0%
PM 0110	Poultry meat: 90% as muscle	-	0.003	AUS	67.0	388	-	ND	ND	1	0.02	0%
PO 0111	Poultry, Edible offal of	-	0.02	USA	65.0	248	-	ND	ND	1	0.08	0%
VR 0494	Radish	-	0.28	FRA	62.3	204	UNK	7	1	1	0.92	0%
VR 0591	Radish, Japanese	-	0.28	JPN	52.6	267	JPN	1000	3	2b	4.26	1%
FB 0272	Raspberries, red, black	-	2.8	FRA	62.3	324	-	ND	ND	1	14.56	4%
FB 0273	Rose hips	-	2.8	NLD	63.0	25	-	ND	ND	1	1.12	0%
VR 0498	Salsify	-	0.28	UNK	70.1	334	-	ND	ND	1	1.33	0%
FB 0275	Strawberry	-	0.35	FRA	62.3	346	UNK	12	1	1	1.94	0%
SO 0702	Sunflower seed	0.05	-	USA	65.0	193	-	ND	ND	3	0.15	0%
VR 0497	Swede	-	0.28	FRA	62.3	204	-	ND	ND	1	0.92	0%
VR 0508	Sweet potato	-	0.28	USA	65.0	536	USA	105	3	2a	3.21	1%
VR 0506	Turnip, garden	-	0.28	USA	65.0	235	USA	105	3	2a	1.91	0%
TN 0678	Walnut	-	0.01	FRA	62.3	136	-	ND	ND	1	0.02	0%

Annex 4

Annex 4

Acute RfD= 0.4 mg/kg bw (400 µg/kg bw)
Maximum %ARfD: 50%

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

IMDACLORPRID (206)

Codex Code	Commodity	STM or STM-R mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country	Unit weight, g					
TN 0085	Tree nuts	-	0.01	AUS	19.0	28	-	-	-	ND	1	0.01	0%	
TN 0660	Almonds	-	0.01	FRA	17.8	31	-	-	-	ND	1	0.02	0%	
VR 0574	Beetroot	-	0.28	FRA	17.8	223	62	USA	43	3	2a	4.87	1%	
FB 0264	Blackberries	-	2.8	FRA	17.8	48	-	-	ND	ND	1	7.48	2%	
FB 0020	Blueberries	-	2.8	FRA	17.8	138	-	-	ND	ND	1	21.76	5%	
FB 4079	Boysenberry	-	2.8	USA	15.0	2	-	-	ND	ND	1	0.34	0%	
VR 0577	Carrot	-	0.28	FRA	17.8	205	61	USA	50	3	2a	4.79	1%	
TN 0295	Cashew nut	-	0.01	Thai	17.1	99	-	-	ND	ND	1	0.06	0%	
VR 0463	Cassava	-	0.28	Thai	17.1	113	-	-	ND	ND	1	1.86	0%	
VR 0578	Celery	-	0.28	FRA	17.8	108	156	USA	134	3	2b	5.08	1%	
TN 0664	Chestnuts	-	0.01	Thai	17.1	122	-	-	ND	ND	1	0.07	0%	
FB 0265	Cranberries	-	2.8	USA	15.0	102	-	-	ND	ND	1	18.98	5%	
FB 0279	Currant, black (note 1)	-	2.8	UNK	14.5	1054	-	-	ND	ND	1	203.53	50%	
FB 0279	Currant, red, white	-	2.8	-	-	ND	-	-	ND	ND	1	ND	-	
FB 0021	Currants, red, black, white	-	2.8	AUS	19.0	584	-	-	ND	ND	1	86.10	20%	
FB 0266	Dewberries, incl boysen- & loganberry	-	2.8	AUS	19.0	76	-	-	ND	ND	1	11.20	3%	
MO 0105	Edible offal (mammalian)	-	0.18	FRA	17.8	203	-	-	ND	ND	1	2.05	1%	
PE 0112	Eggs	-	0.007	Thai	17.1	109	-	-	ND	ND	1	0.04	0%	
FB 0267	Elderberries	-	2.8	NLD	17.0	9	-	-	ND	ND	1	1.46	0%	
VP 0528	Garden pea (green pods & immature seeds)	-	3.8	USA	15.0	109	-	-	ND	ND	1	27.70	7%	
VP 0529	Garden pea, shelled (immature seeds)	-	1.1	NLD	17.0	146	-	-	ND	ND	1	9.45	2%	
FB 0268	Gooseberries	-	2.8	-	-	ND	-	-	ND	ND	1	ND	-	
TN 0666	Hazelnut	-	0.01	NLD	17.0	11	-	-	ND	ND	1	0.01	0%	
VR 0585	Jerusalem artichoke	-	0.28	-	-	ND	150	USA	104	3	ND	ND	-	
TN 0669	Macadamia nut	-	0.01	-	-	ND	-	-	ND	ND	1	ND	-	
MM 0095	Meat from mammals other than marine mammals: 20% as fat	-	0.02	AUS	19.0	52	-	-	ND	ND	1	0.05	0%	

Annex 4

IMIDACLOPRID (206)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RfD= 0.4 mg/kg bw (400 µg/kg bw)
Maximum %ARfD: 50%

Codex Code	Commodity	STM or STM-R mg/kg	HR or HR-P mg/kg	Large portion diet		Large portion. g/person	Unit weight		Unit weight. edible portion. g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)		Unit weight. g	Country					
MM 0095	Meat from mammals other than marine mammals; 80% as muscle	-	0.04	AUS	19.0	208	-	-	ND	ND	1	0.44	0%
ML 0106	Milks	0.018	-	USA	15.0	1286	-	-	ND	ND	3	1.54	0%
VR 0588	Parsnip	-	0.28	UNK	14.5	227	133	USA	113	3	2a	8.75	2%
SO 0697	Peanut, shelled	-	0.40	USA	15.0	78	-	-	ND	ND	1	2.07	1%
VD 0072	Peas (dry)	0.62	-	FRA	17.8	107	-	-	ND	ND	3	3.72	1%
VP 0063	Peas (green pods & immature seeds)	-	3.8	JPN	15.9	48	-	-	ND	ND	1	11.40	3%
VP 0064	Peas, shelled (immature seeds)	-	1.1	UNK	14.5	174	-	-	ND	ND	1	13.20	3%
TN 0672	Pecan	-	0.01	AUS	19.0	22	-	-	ND	ND	1	0.01	0%
TN 0673	Pine nut	-	0.01	AUS	19.0	18	-	-	ND	ND	1	0.01	0%
TN 0675	Pistachio nut	-	0.01	AUS	19.0	63	-	-	ND	ND	1	0.03	0%
VR 0589	Potato	-	0.28	SAF	14.2	300	122	USA	99	3	2a	9.81	2%
PM 0110	Poultry meat: 10% as fat	-	0.001	AUS	19.0	22	-	-	ND	ND	1	0.00	0%
PM 0110	Poultry meat: 90% as muscle	-	0.003	AUS	19.0	201	-	-	ND	ND	1	0.03	0%
PO 0111	Poultry, Edible offal of	-	0.02	USA	15.0	37	-	-	ND	ND	1	0.05	0%
VR 0494	Radish	-	0.28	FRA	17.8	122	8	UNK	7	1	1	1.91	0%
VR 0591	Radish, Japanese	-	0.28	JPN	15.9	132	1000	JPN	1000	3	2b	7.00	2%
FB 0272	Raspberries, red, black	-	2.8	FRA	17.8	76	-	-	ND	ND	1	11.98	3%
FB 0273	Rose hips	-	2.8	NLD	17.0	16	-	-	ND	ND	1	2.58	1%
VR 0498	Salsify	-	0.28	UNK	14.5	125	-	-	ND	ND	1	2.41	1%
FB 0275	Strawberry	-	0.35	AUS	19.0	176	13	UNK	12	1	1	3.25	1%
SO 0702	Sunflower seed	0.05	-	USA	15.0	24	-	-	ND	ND	3	0.08	0%
VR 0497	Swede	-	0.28	FRA	17.8	122	-	-	ND	ND	1	1.91	0%
VR 0508	Sweet potato	-	0.28	USA	15.0	166	130	USA	105	3	2a	7.03	2%
VR 0506	Turnip, garden	-	0.28	JPN	15.9	77	122	USA	105	3	2b	4.09	1%
TN 0678	Walnut	-	0.01	USA	15.0	6	-	-	ND	ND	1	0.00	0%

Note 1: The Meeting noticed the very high consumption for black currants of 1054 g for children in the UK with a body weight of 14.5 kg in the large portion and recommended confirmation of this figure.

Annex 4

MALATHION (049)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RfD= 2 mg/kg bw (2000 µg/kg bw)
Maximum %ARfD: 10%

Codex Code	Commodity	Large portion diet			Unit weight		Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country				
GC 0654	Wheat	FRA	18.9	384	-	ND	1	203.30	10%	
CM 0654	Wheat bran, unprocessed	USA	15.0	30	-	ND	1	49.50	2%	
CF 1211	Wheat flour	FRA	18.9	245	-	ND	1	11.14	1%	
CF 1212	Wheat wholemeal	USA	15.0	74	-	ND	1	36.33	2%	
CP 1211	White bread	SAF	14.2	270	-	ND	1	3.80	0%	
CP 1212	Wholemeal bread	SAF	14.2	240	-	ND	1	20.28	1%	

MALATHION (049)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RfD= 2 mg/kg bw (2000 µg/kg bw)
Maximum %ARfD: 7%

Codex Code	Commodity	Large portion diet			Unit weight		Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
		Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country				
GC 0654	Wheat	FRA	52.2	703	-	ND	1	134.60	7%	
CM 0654	Wheat bran, unprocessed	USA	65.0	80	-	ND	1	30.75	2%	
CF 1211	Wheat flour	FRA	52.2	479	-	ND	1	7.89	0%	
CF 1212	Wheat wholemeal	USA	65.0	155	-	ND	1	17.69	1%	
CP 1211	White bread	FRA	52.2	474	-	ND	1	1.82	0%	
CP 1212	Wholemeal bread	SAF	55.7	395	-	ND	1	8.52	0%	

Annex 4

METHOMYL (094)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RID= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 50%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Unit wt, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)	Large portion, g/person	Country	Unit weight, g	Country					
FP 0226	Apple	-	0.17	USA	65.0	1348	FRA	110	FRA	100	3	2a	4.05	20%
VS 0621	Asparagus	-	1.1	NLD	63.0	398	FRA	25	FRA	13	3	2a	7.39	40%
GC 0640	Barley	0.14	-	NLD	63.0	378	-	-	-	ND	ND	3	0.84	4%
VD 0071	Beans (dry)	0.023	-	FRA	52.2	360	-	-	-	ND	ND	3	0.16	1%
VP 0061	Beans except broad bean & soya bean (green pods & immature seeds)	-	0.68	FRA	52.2	261	-	-	-	ND	ND	1	3.40	20%
VD 0523	Broad bean (dry)	0.023	-	AUS	67.0	139	-	-	-	ND	ND	3	0.05	0%
VD 0526	Common bean (dry)	0.023	-	FRA	52.2	360	-	-	-	ND	ND	3	0.16	1%
VD 0526	Common bean (dry), stated as kidney bean VD 4503	0.023	-	Thai	53.5	82	-	-	-	ND	ND	3	0.04	0%
VP 0526	Common bean (green pods and immature seeds) stated as French bean, VP 4415	-	0.68	NLD	63.0	360	-	-	-	ND	ND	1	3.89	20%
VP 0526	Common bean (green pods and/or immature seeds)	-	0.68	NLD	63.0	431	-	-	-	ND	ND	1	4.65	20%
VP 0526	Common bean (green pods and/or immature seeds) stated as haricot bean, VP 4427	-	0.68	AUS	67.0	67	-	-	-	ND	ND	1	0.68	3%
SO 0691	Cotton seed	0.1	-	USA	65.0	3	-	-	-	ND	ND	3	0.01	0%
OR 0691	Cotton seed oil, edible	0.006	-	USA	65.0	9	-	-	-	ND	ND	3	0.00	0%
VC 0424	Cucumber	-	0.07	FRA	52.2	348	FRA	400	FRA	360	3	2b	1.40	7%
VC 0425	Gherkin	-	0.07	NLD	63.0	96	FRA	15	FRA	15	1	1	0.11	1%
FB 0269	Grape (excl wine)	-	0.08	AUS	67.0	513	SWE	456	SWE	438	3	2a	1.66	8%
JF 0269	Grape juice	0.0198	-	FRA	52.2	696	-	-	-	ND	ND	3	0.26	1%
FC 0203	Grapefruit	-	0.18	JPN	52.6	947	JPN	400	JPN	400	3	2a	5.98	30%
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	0.04	USA	65.0	70	-	-	-	ND	ND	1	0.04	0%
FC 0204	Lemon	-	0.18	FRA	52.2	111	SWE	173	SWE	92	3	2a	1.02	5%
VL 0482	Lettuce, head	-	0.07	USA	65.0	213	BEL	450	BEL	360	3	2b	0.69	3%
VL 0483	Lettuce, leaf	-	0.07	NLD	63.0	152	BEL	160	BEL	144	3	2a	0.49	2%
VD 0534	Lima bean (dry)	0.023	-	USA	65.0	202	-	-	-	ND	ND	3	0.07	0%
VP 0534	Lima bean (green pods & immature seeds)	-	0.68	USA	65.0	241	-	-	-	ND	ND	1	2.52	10%
FC 0205	Lime	-	0.18	AUS	67.0	590	USA	67	USA	56	3	2a	1.89	9%
GC 0645	Maize	0.02	-	FRA	52.2	212	-	-	-	ND	ND	3	0.08	0%
OR 0645	Maize oil, edible	0.004	-	NLD	63.0	56	-	-	-	ND	ND	3	0.00	0%

Annex 4

METHOMYL (094)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RID= 0.02 mg/kg bw (20 µg/kg bw)
Maximum %ARfD: 50%

Codex Code	Commodity	STMR or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country	Unit wt, edible portion, g				
FC 0206	Mandarin	-	0.18	FRA	52.2	639	168	USA	124	3	2a	3.06	20%
VC 0046	Melons, except watermelon	-	0.07	FRA	52.2	1044	1000	USA	630	3	2a	3.09	20%
FS 0245	Nectarine	-	0.1	FRA	52.2	604	136	USA	125	3	2a	1.64	8%
GC 0647	Oats	0.02	-	USA	65.0	175	-	-	ND	ND	3	0.05	0%
VA 0385	Onion, Bulb	-	0.14	NLD	63.0	172	200	JPN	200	3	2b	1.15	6%
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.18	FRA	52.2	1044	205	BEL	139	3	2a	4.56	20%
FS 0247	Peach	-	0.1	SAF	55.7	685	150	JPN	150	3	2a	1.77	9%
FP 0230	Pear	-	0.18	FRA	52.2	568	170	BEL	162	3	2a	3.07	20%
VP 0063	Peas (green pods & immature seeds)	-	4	JPN	52.6	63	-	-	ND	ND	1	4.76	20%
VO 0444	Peppers, Chilli	-	0.44	USA	65.0	90	45	USA	43	3	2a	1.20	6%
VO 0445	Peppers, sweet (incl. pim(i)ento)	-	0.44	FRA	52.2	90	185	BEL	148	3	2b	2.28	10%
FS 0014	Plum (incl dried)	-	0.51	Thai	53.5	480	59	BEL	55	3	2a	5.63	30%
VR 0589	Potato	-	0	FRA	52.2	639	122	USA	99	3	2a	0.00	0%
FC 0005	Shaddock or pomelo + shaddock-like hybrid	-	0.18	Thai	53.5	554	210	FRA	126	3	2a	2.71	10%
VD 0541	Soya bean (dry)	0.023	-	JPN	52.6	159	-	-	ND	ND	3	0.07	0%
OR 0541	Soya bean oil, refined	0.04	-	USA	65.0	98	-	-	ND	ND	3	0.06	0%
VC 0431	Squash, summer (= courgette)	-	0.07	FRA	52.2	351	300	FRA	270	3	2a	1.20	6%
VO 0448	Tomato	-	0.73	FRA	52.2	387	150	BEL	143	3	2a	9.39	50%
VC 0432	Watermelon	-	0.07	USA	65.0	1939	4518	USA	2078	3	2b	6.26	30%
GC 0654	Wheat	0.14	-	FRA	52.2	703	-	-	ND	ND	3	1.88	9%
CM 0654	Wheat bran, unprocessed	0.27	-	USA	65.0	80	-	-	ND	ND	3	0.33	2%
CF 1211	Wheat flour	0.003	-	FRA	52.2	479	-	-	ND	ND	3	0.03	0%
CF 1210	Wheat germ	0.13	-	FRA	52.2	174	-	-	ND	ND	3	0.43	2%
-	Wine	0.053	-	FRA	52.2	1006	-	-	ND	ND	3	1.02	5%
VC 0433	Winter squash (= pumpkin), stated as pumpkin, VC 0429	-	0.07	SAF	55.7	1003	1000	JPN	1000	3	2a	3.77	20%
VP 0544	Yard-long beans (green pods & immature seeds)	-	0.68	Thai	53.5	139	-	-	ND	ND	1	1.76	9%

Annex 4

METHOMYL (094)

International estimate of short term intake (IESTI) for

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)

Maximum
%ARID: 100%

CHILDREN UP TO 6 YEARS

Codex Code	Commodity	STM or STM-R mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight			Unit wt, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
FP 0226	Apple	-	0.17	USA	15.0	679	162	SWE	149	3	2a	11.07	60%
VS 0621	Asparagus	-	1.1	USA	15.0	178	25	FRA	13	3	2a	14.90	70%
GC 0640	Barley	0.14	-	AUS	19.0	14	-	-	ND	ND	3	0.10	1%
VD 0071	Beans (dry)	0.023	-	AUS	19.0	222	-	-	ND	ND	3	0.27	1%
VP 0061	Beans except broad bean & soya bean (green pods & immature seeds)	-	0.68	FRA	18.9	215	-	-	ND	ND	1	7.75	40%
VD 0523	Broad bean (dry)	0.023	-	AUS	19.0	32	-	-	ND	ND	3	0.04	0%
VD 0526	Common bean (dry)	0.023	-	FRA	18.9	145	-	-	ND	ND	3	0.18	1%
VD 0526	Common bean (dry), stated as kidney bean VD 4503	0.023	-	Thai	17.1	45	-	-	ND	ND	3	0.06	0%
VP 0526	Common bean (green pods and immature seeds)	-	0.68	NLD	17.0	253	-	-	ND	ND	1	10.12	50%
VP 0526	Common bean (green pods and/or immature seeds) stated as French bean, VP 4415	-	0.68	NLD	17.0	184	-	-	ND	ND	1	7.36	40%
VP 0526	Common bean (green pods and/or immature seeds) stated as haricot bean, VP 4427	-	0.68	AUS	19.0	42	-	-	ND	ND	1	1.50	8%
SO 0691	Cotton seed	0.1	-	USA	15.0	1	-	-	ND	ND	3	0.01	0%
OR 0691	Cotton seed oil, edible	0.006	-	USA	15.0	6	-	-	ND	ND	3	0.00	0%
VC 0424	Cucumber	-	0.07	NLD	17.0	162	400	FRA	360	3	2b	2.00	10%
VC 0425	Gherkin	-	0.07	NLD	17.0	56	59	UKN	55	3	2a	0.69	3%
FB 0269	Grape (incl wine)	-	0.08	JPN	15.9	388	456	SWE	438	3	2b	5.85	30%
JF 0269	Grape juice	0.0198	-	FRA	18.9	500	-	-	ND	ND	3	0.52	3%
FC 0203	Grapefruit	-	0.18	FRA	18.9	405	400	JPN	400	3	2a	11.48	60%
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	0.04	USA	15.0	59	-	-	ND	ND	1	0.16	1%
FC 0204	Lemon	-	0.18	JPN	15.9	88	173	SWE	92	3	2b	3.00	20%
VL 0482	Lettuce, head	-	0.07	Thai	17.1	117	450	BEL	360	3	2b	1.43	7%
VL 0483	Lettuce, leaf	-	0.07	NLD	17.0	102	160	BEL	144	3	2b	1.26	6%
VD 0534	Lima bean (dry)	0.023	-	USA	15.0	74	-	-	ND	ND	3	0.11	1%
VP 0534	Lima bean (green pods & immature seeds)	-	0.68	USA	15.0	117	-	-	ND	ND	1	5.32	30%
FC 0205	Lime	-	0.18	AUS	19.0	26	67	USA	56	3	2b	0.73	4%
GC 0645	Maize	0.02	-	FRA	18.9	117	-	-	ND	ND	3	0.12	1%
OR 0645	Maize oil, edible	0.004	-	NLD	17.0	12	-	-	ND	ND	3	0.00	0%

Annex 4

METHOMYL (094)

International estimate of short term intake (IESTI) for

Acute RfD= 0.02 mg/kg bw (20 µg/kg bw)
Maximum
%ARID: 100%

CHILDREN UP TO 6 YEARS

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Unit wt, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country						
FC 0206	Mandarin	-	0.18	JPN	15.9	353	168	USA	124	3	2a	6.81	30%	
VC 0046	Melons, except watermelon	-	0.07	FRA	18.9	597	700	FRA	420	3	2a	5.32	30%	
FS 0245	Nectarine	-	0.1	AUS	19.0	302	110	FRA	99	3	2a	2.63	10%	
GC 0647	Oats	0.02	-	USA	15.0	62	-	-	ND	ND	3	0.08	0%	
VA 0385	Onion, Bulb	-	0.14	NLD	17.0	86	140	FRA	126	3	2b	2.11	10%	
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.18	UNK	14.5	495	200	JPN	200	3	2a	11.11	60%	
FS 0247	Peach	-	0.1	AUS	19.0	315	150	JPN	150	3	2a	3.24	20%	
FP 0230	Pear	-	0.18	UNK	14.5	279	170	BEL	162	3	2a	7.47	40%	
VP 0063	Peas (green pods & immature seeds)	-	4	JPN	15.9	48	-	-	ND	ND	1	12.00	60%	
VO 0444	Peppers, Chilli	-	0.44	AUS	19.0	31	45	USA	43	3	2b	2.12	10%	
VO 0445	Peppers, sweet (incl. pim(t)ento)	-	0.44	Thai	17.1	71	119	USA	98	3	2b	5.49	30%	
FS 0014	Plum (incl dried)	-	0.51	Thai	17.1	377	66	USA	62	3	2a	14.94	70%	
VR 0589	Potato	-	0	SAF	14.2	300	122	USA	99	3	2a	0.00	0%	
FC 0005	Shaddock or pomelo + shaddock-like hybrid	-	0.18	Thai	17.1	327	210	FRA	126	3	2a	6.09	30%	
VD 0541	Soya bean (dry)	0.023	-	JPN	15.9	88	-	-	ND	ND	3	0.13	1%	
OR 0541	Soya bean oil, refined	0.04	-	USA	15.0	35	-	-	ND	ND	3	0.09	0%	
VC 0431	Squash, summer (= courgette)	-	0.07	AUS	19.0	219	300	FRA	270	3	2b	2.42	10%	
VO 0448	Tomato	-	0.73	FRA	18.9	215	150	BEL	143	3	2a	19.33	100%	
VC 0432	Watermelon	-	0.07	AUS	19.0	1473	4518	USA	2078	3	2b	16.28	80%	
GC 0654	Wheat	0.14	-	FRA	18.9	384	-	-	ND	ND	3	2.85	10%	
CM 0654	Wheat bran, unprocessed	0.27	-	USA	15.0	30	-	-	ND	ND	3	0.53	3%	
CF 1211	Wheat flour	0.003	-	FRA	18.9	245	-	-	ND	ND	3	0.04	0%	
CF 1210	Wheat germ	0.13	-	USA	15.0	8	-	-	ND	ND	3	0.07	0%	
-	Wine	0.053	-	FRA	18.9	89	-	-	ND	ND	3	0.25	1%	
VC 0433	Winter squash (= pumpkin), stated as pumpkin, VC 0429	-	0.07	SAF	14.2	224	1000	JPN	1000	3	2b	3.32	20%	
VP 0544	Yard-long beans (green pods & immature seeds)	-	0.68	Thai	17.1	79	-	-	ND	ND	1	3.13	20%	

Annex 4

PROFENOFOS (171) International estimate of short term intake (IESTI) for **GENERAL POPULATION** Acute RfD= 1 mg/kg bw (1000 µg/kg bw) Maximum %ARFD: 6%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded		
				Country	Body weight (kg)	Large portion g/kg bw/day	Unit weight, g	Country	% edible portion					Unit weight, edible portion, g	
FI 0345	Mango	-	0.07	AUS	67.0	8.46	567	300	BEL	68%	204	3	2a	1.02	0%
OR 0691	Cotton seed oil, edible	0.14	-	USA	65.0	0.14	9	-	-	-	ND	ND	3	0.02	0%
MO 0105	Edible offal (mammalian)	-	0	FRA	52.2	6.27	327	-	-	-	ND	ND	1	0.00	0%
PE 0112	Eggs	-	0	Thai	53.5	3.64	195	-	-	-	ND	ND	1	0.00	0%
MF 0100	Mammalian fats (except milk fats)	-	0	-	-	ND	ND	-	-	-	ND	ND	1	ND	-
FI 0346	Mangostan, stated as mangosteen FI 4137	-	3.7	Thai	53.5	5.16	276	-	-	-	ND	ND	ND	ND	-
MM 0095	Meat from mammals other than marine mammals	-	0	AUS	67.0	7.78	521	-	-	-	ND	ND	1	0.00	0%
ML 0106	Milks	0	-	USA	65.0	37.94	2466	-	-	-	ND	ND	3	0.00	0%
PM 0110	Poultry meat	-	0	AUS	67.0	6.44	431	-	-	-	ND	ND	1	0.00	0%
PO 0111	Poultry, Edible offal of	-	0	USA	65.0	3.81	248	-	-	-	ND	ND	1	0.00	0%
PF 0111	Poultry, fats	-	0	USA	65.0	0.66	43	-	-	-	ND	ND	1	0.00	0%
VO 0448	Tomato	-	4.7	FRA	52.2	7.41	387	150	JPN	100%	150	3	2a	61.84	6%

Annex 4

PROFENOFOS (171)

International estimate of short term intake (IESTI) for
CHILDREN UP TO 6 YEARS

Acute RfD= 1 mg/kg bw (1000 µg/kg bw)
Maximum %ARFD: 10%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or P mg/kg	Large portion diet			Unit weight			Variability factor	Case	IESTI µg/kg bw/day	% acute RFD rounded
				Country	Body weight (kg)	Large portion g/kg bw/day	Unit weight, g	Country	% edible portion				
FI 0345	Mango	-	0.07	Thai	17.1	11.17	191	300	BEL	68%	204	2.35	0%
OR 0691	Cotton seed oil, edible	0.14	-	USA	15.0	0.41	6	-	-	-	ND	0.06	0%
MO 0105	Edible offal (mammalian)	-	0	FRA	18.9	4.57	86	-	-	-	ND	0.00	0%
PE 0112	Eggs	-	0	Thai	17.1	6.38	109	-	-	-	ND	0.00	0%
MF 0100	Mammalian fats (except milk fats)	-	0	-	-	ND	ND	-	-	-	ND	ND	-
FI 0346	Mangostan, stated as mangosteen FI 4137	-	3.7	Thai	17.1	10.13	173	-	-	-	ND	ND	-
MM 0095	Meat from mammals other than marine mammals	-	0	AUS	19.0	13.71	261	-	-	-	ND	0.00	0%
ML 0106	Milks	0	-	USA	15.0	85.71	1286	-	-	-	ND	0.00	0%
PM 0110	Poultry meat	-	0	AUS	19.0	11.78	224	-	-	-	ND	0.00	0%
PO 0111	Poultry, Edible offal of	-	0	FRA	18.9	5.26	99	-	-	-	ND	0.00	0%
PF 0111	Poultry, fats	-	0	USA	15.0	1.05	16	-	-	-	ND	0.00	0%
VO 0448	Tomato	-	4.7	FRA	18.9	11.40	215	150	JPN	100%	150	128.18	10%

Annex 4

PROTHIOCONAZOLE (232) International estimate of short term intake (IESTI) for **WOMEN OF CHILD BEARING AGE**
 Acute RfD= 0.01 mg/kg bw (10 µg/kg bw)
 Maximum %ARfD: 2%

Codex Code	Commodity	STM or STM-R mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Unit weight, g	Country					
SO 0495	Rape seed	0.01	-	-	-	-	-	ND	ND	3	ND	-
GC 0640	Barley	0.01	-	NLD	63.0	-	-	ND	ND	3	0.63	1%
MO 0105	Edible offal (mammalian)		0.1	FRA	52.2	-	-	ND	ND	3	ND	-
MF 0100	Mammalian fats (except milk fats)		0.01	-	-	-	-	ND	ND	3	ND	-
MM 0095	Meat from mammals other than marine mammals		0.01	AUS	67.0	-	-	ND	ND	3	0.08	-
ML 0106	Milks	0.004	-	USA	65.0	-	-	ND	ND	3	0.15	2%
GC 0647	Oats	0.01	-	USA	65.0	-	-	ND	ND	ND	ND	-
GC 0650	Rye	0.01	-	FRA	52.2	-	-	ND	ND	3	0.03	0%
GC 0654	Wheat	0.01	-	FRA	52.2	-	-	ND	ND	ND	ND	-
CF 1211	Wheat flour	0.004	-	FRA	52.2	-	-	ND	ND	ND	ND	-
CF 1210	Wheat germ	0.02	-	FRA	52.2	-	-	ND	ND	3	0.07	1%

Annex 4

PROTHIOCONAZOLE (232) International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS Acute RfD= 1 mg/kg bw Maximum %ARfD: 0

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Unit weight, g	Country					
SO 0495	Rape seed	0.01	-	-	-	-	-	ND	ND	3	ND	-
GC 0640	Barley	0.01	-	AUS	19.0	-	-	ND	ND	3	0.01	0%
MO 0105	Edible offal (mammalian)		0.1	FRA	18.9	-	-	ND	ND	1	0.45	-
MF 0100	Mammalian fats (except milk fats)		0.01	-	-	-	-	ND	ND	1	ND	-
MM 0095	Meat from mammals other than marine mammals		0.01	AUS	19.0	-	-	ND	ND	1	0.14	-
ML 0106	Milks	0.004	-	USA	15.0	-	-	ND	ND	3	0.34	0%
GC 0647	Oats	0.01	-	USA	15.0	-	-	ND	ND	ND	ND	-
GC 0650	Rye	0.01	-	NLD	17.0	-	-	ND	ND	3	0.02	0%
GC 0654	Wheat	0.01	-	FRA	18.9	-	-	ND	ND	ND	ND	-
CF 1211	Wheat flour	0.004	-	FRA	18.9	-	-	ND	ND	ND	ND	-
CF 1210	Wheat germ	0.02	-	USA	15.0	-	-	ND	ND	3	0.01	0%

Annex 4

PROTHIOCONAZOLE (232) International estimate of short term intake (IESTI) for **GENERAL POPULATION** Acute RfD= 1 mg/kg bw
Maximum %ARfD: 0%

Codex Code	Commodity	STM or STM-R-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Country	Unit weight, g					
SO 0495	Rape seed	0.01	-	-	-	-	-	ND	ND	3	ND	-
GC 0640	Barley	0.01	-	NLD	63.0	-	-	ND	ND	3	0.06	0%
MO 0105	Edible offal (mammalian)	0.1	0.1	FRA	52.2	-	-	ND	ND	1	0.63	-
MF 0100	Mammalian fats (except milk fats)	0.01	0.01	-	-	-	-	ND	ND	1	ND	-
MM 0095	Meat from mammals other than marine mammals	0.01	0.01	AUS	67.0	-	-	ND	ND	1	0.08	-
ML 0106	Milks	0.004	-	USA	65.0	-	-	ND	ND	3	0.15	0%
GC 0647	Oats	0.01	-	USA	65.0	-	-	ND	ND	3.00	ND	-
GC 0650	Rye	0.01	-	FRA	52.2	-	-	ND	ND	3	0.03	0%
GC 0654	Wheat	0.01	-	FRA	52.2	-	-	ND	ND	3.00	ND	-
CF 1211	Wheat flour	0.004	-	FRA	52.2	-	-	ND	ND	ND	ND	-
CF 1210	Wheat germ	0.02	-	FRA	52.2	-	-	ND	ND	3	0.07	0%

Annex 4

SPIROTETRAMAT (234) International estimate of short term intake (IESTI) for GENERAL POPULATION Acute RfD= 1.0 mg/kg bw (1000 µg/kg bw) Maximum %ARfD: 10%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country	Unit weight, g					
TN 0660	Almonds	-	0.29	JPN	52.6	74	-	-	ND	ND	1	0.41	0%	
FP 0226	Apple	-	0.55	USA	65.0	1348	138	USA	127	3	2a	13.56	1%	
JF 0226	Apple juice	0.082	-	-	-	ND	-	-	ND	ND	3	ND	-	
DF 0226	Apple, dried	-	0.55	AUS	67.0	10	-	-	ND	ND	ND	ND	-	
FS 0240	Apricot	-	2.1	FRA	52.2	369	35	USA	34	3	2a	17.53	2%	
VC 0421	Balsam pear, stated as bitter gourd, VC 4195	-	0.18	Thai	53.5	120	-	-	ND	ND	ND	ND	-	
TN 0662	Brazil nut	-	0.29	NLD	63.0	23	-	-	ND	ND	1	0.10	0%	
VB 0400	Broccoli	-	0.87	FRA	52.2	537	608	USA	474	3	2a	24.76	2%	
VB 0401	Broccoli, Chinese	-	0.87	AUS	67.0	231	-	-	ND	ND	ND	ND	-	
VB 0402	Brussels sprouts	-	0.87	FRA	52.2	351	10	UNK	7	1	1	5.86	1%	
VB 0041	Cabbages, Head	-	0.92	SAF	55.7	362	908	USA	717	3	2b	17.94	2%	
TN 0295	Cashew nut	-	0.29	Thai	53.5	200	-	-	ND	ND	1	1.08	0%	
VB 0404	Cauliflower (head)	-	0.87	UNK	70.1	579	1500	JPN	1500	3	2b	21.56	2%	
VS 0624	Celery (stalk)	-	2.6	FRA	52.2	238	40	USA	40	3	2a	15.81	2%	
VS 0624	Celery (whole)	-	2.6	FRA	52.2	238	700	BEL	462	3	2b	35.49	4%	
VL 0464	Chard	-	5.5	NLD	63.0	569	-	-	ND	ND	ND	ND	-	
VC 0423	Chayote	-	0.18	AUS	67.0	196	-	-	ND	ND	ND	ND	-	
FS 0013	Cherries	-	2.1	FRA	52.2	360	5	UNK	4	1	1	14.49	1%	
FS 0013	Cherries	-	2.1	FRA	52.2	360	5	BEL	4	1	1	14.49	1%	
TN 0664	Chestnuts	-	0.29	FRA	52.2	373	-	-	ND	ND	1	2.07	0%	
VL 0469	Chicory leaves (head)	-	5.5	USA	65.0	40	53	USA	47	3	2b	10.23	1%	
VL 0469	Chicory leaves (head)	-	5.5	USA	65.0	40	100	BEL	85	3	2b	10.23	1%	
VL 0466	Chinese cabbage, type pak-choi	-	5.5	USA	65.0	377	840	USA	798	3	2b	95.70	10%	
TN 0665	Coconut	-	0.29	AUS	67.0	84	-	-	ND	ND	ND	ND	-	
VL 0470	Corn salad	-	5.5	FRA	52.2	84	-	-	ND	ND	ND	ND	-	
VL 0510	Cos lettuce	-	5.5	JPN	52.6	144	-	-	ND	ND	ND	ND	-	
VL 0472	Cress, garden	-	5.5	AUS	67.0	27	-	-	ND	ND	ND	ND	-	
VC 0424	Cucumber	-	0.18	FRA	52.2	348	301	USA	286	3	2a	3.17	0%	

Annex 4

SPIROTETRAMAT (234) International estimate of short term intake (IESTI) for **GENERAL POPULATION** Acute RfD= 1.0 mg/kg bw (1000 µg/kg bw) Maximum %ARfD: 10%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight, g	Country	Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)							
MO 0105	Edible offal (mammalian)	-	0.024	FRA	52.2	327	-	ND	ND	1	0.15	0%
VO 0440	Egg plant	-	1.1	AUS	67.0	487	USA	444	3	2a	22.57	2%
VL 0476	Endive	-	5.5	FRA	52.2	339	-	ND	ND	ND	ND	-
VC 0425	Gherkin	-	0.18	NLD	63.0	96	USA	81	3	2a	0.74	0%
FB 0269	Grape (excl wine)	-	1.3	AUS	67.0	513	SWE	438	3	2a	26.94	3%
JF 0269	Grape juice	0.27	-	FRA	52.2	696	-	ND	ND	3	3.60	0%
FC 0203	Grapefruit	-	0.47	JPN	52.6	947	JPN	400	3	2a	15.61	2%
JF 0203	Grapefruit juice	0.18	-	-	-	ND	-	ND	ND	3	ND	-
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	3.4	USA	65.0	70	-	ND	ND	1	3.67	0%
TN 0666	Hazelnut	-	0.29	AUS	67.0	70	-	ND	ND	1	0.30	0%
VL 0480	Kale	-	5.5	NLD	63.0	337	-	ND	ND	ND	ND	-
VB 0405	Kohlrabi	-	0.87	NLD	63.0	283	USA	99	3	2a	6.63	1%
FC 0204	Lemon	-	0.47	FRA	52.2	111	USA	72	3	2a	2.30	0%
-	Lemon juice	0.18	-	-	-	ND	-	ND	ND	3	ND	-
VL 0482	Lettuce, head	-	5.5	USA	65.0	213	USA	512	3	2b	53.96	5%
VL 0483	Lettuce, leaf	-	5.5	NLD	63.0	152	BEL	144	3	2a	38.40	4%
FC 0205	Lime	-	0.47	AUS	67.0	590	USA	56	3	2a	4.93	0%
VC 0427	Looifah, angled (= angled gourd)	-	0.18	Thai	53.5	215	-	ND	ND	ND	ND	-
FP 0228	Loquat	-	0.55	AUS	67.0	64	-	ND	ND	ND	ND	-
TN 0669	Macadamia nut	-	0.29	USA	65.0	107	-	ND	ND	1	0.48	0%
FC 0206	Mandarin	-	0.47	FRA	52.2	639	USA	124	3	2a	7.99	1%
VC 0046	Melons, except watermelon	-	0.18	FRA	52.2	1044	USA	630	3	2a	7.94	1%
VC 0046	Melons, except watermelon, stated as cantaloupe, VC 4199	-	0.18	USA	65.0	606	JPN	500	3	2a	4.45	0%
VC 0046	Melons, except watermelon, stated as cantaloupe, VC 4199	-	0.18	USA	65.0	606	USA	276	3	2a	3.21	0%
VL 0485	Mustard greens	-	5.5	USA	65.0	228	-	ND	ND	ND	ND	-
FS 0245	Nectarine	-	2.1	FRA	52.2	604	USA	136	3	2a	34.39	3%
VO 0442	Okra	-	1.1	USA	65.0	235	JPN	10	1	1	3.98	0%
JF 0004	Orange juice	0.18	-	-	-	ND	-	ND	ND	3	ND	-

Annex 4

SPIROTETRAMAT (234)

International estimate of short term intake (IESTI) for
GENERAL POPULATION

Acute RID= 1.0 mg/kg bw (1000 µg/kg bw)
Maximum %ARID: 10%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet			Unit weight			Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RID rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country	Unit weight, g					
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.47	FRA	52.2	1044	131	USA	96	3	2a	11.12	1%	
FS 0247	Peach	-	2.1	SAF	55.7	685	150	JPN	150	3	2a	37.14	4%	
FP 0230	Pear	-	0.55	FRA	52.2	568	166	USA	151	3	2a	9.17	1%	
-d	Pear, dried	-	0.55	AUS	67.0	21	-	-	ND	ND	ND	ND	-	
TN 0672	Pecan	-	0.29	AUS	67.0	23	-	-	ND	ND	1	0.10	0%	
VO 0444	Peppers, Chilli	-	1.5	USA	65.0	90	45	USA	43	3	2a	4.08	0%	
VO 0445	Peppers, sweet (incl. pim(°)ento)	-	1.1	FRA	52.2	90	119	USA	98	3	2b	5.71	1%	
TN 0673	Pine nut	-	0.29	AUS	67.0	47	-	-	ND	ND	1	0.20	0%	
TN 0675	Pistachio nut	-	0.29	AUS	67.0	300	-	-	ND	ND	1	1.30	0%	
FS 0014	Plum (incl dried)	-	2.1	Thai	53.5	480	66	USA	62	3	2a	23.71	2%	
FC 4020	Pomelo	-	0.47	Thai	53.5	554	-	-	ND	ND	ND	ND	-	
VR 0589	Potato	-	0.46	FRA	52.2	639	122	USA	99	3	2a	7.37	1%	
VL 0492	Purslane	-	5.5	NLD	63.0	476	-	-	ND	ND	ND	ND	-	
FP 0231	Quince	-	0.55	AUS	67.0	175	92	USA	56	3	2a	2.36	0%	
FC 0005	Shaddock or pomelo + shaddock-like hybrid	-	0.47	Thai	53.5	554	210	FRA	126	3	2a	7.08	1%	
VC 0430	Snake gourd	-	0.18	Thai	53.5	215	-	-	ND	ND	ND	ND	-	
VL 0502	Spinach (bunch)	-	5.5	NLD	63.0	820	340	USA	245	3	2a	114.30	10%	
VC 0431	Squash, summer (= courgette)	-	0.18	FRA	52.2	351	196	USA	186	3	2a	2.50	0%	
FC 4031	Tangelo	-	0.47	AUS	67.0	114	-	-	ND	ND	ND	ND	-	
VO 0448	Tomato	-	1.1	FRA	52.2	387	123	USA	123	3	2a	13.33	1%	
JF 0448	Tomato juice	0.27	-	-	-	ND	-	-	ND	ND	3	ND	-	
-	Tomato paste	3.2	-	-	-	ND	-	-	ND	ND	ND	ND	-	
TN 0085	Tree nuts	-	0.29	JPN	52.6	107	-	-	ND	ND	1	0.59	0%	
VL 0506	Turnip greens	-	5.5	USA	65.0	353	-	-	ND	ND	ND	ND	-	
VL 0473	Watercress	-	5.5	AUS	67.0	86	-	-	ND	ND	ND	ND	-	
VC 0432	Watermelon	-	0.18	USA	65.0	1939	4518	USA	2078	3	2b	16.11	2%	
-	Wine	0.23	-	FRA	52.2	1006	-	-	ND	ND	3	4.43	0%	
VC 0433	Winter squash (= pumpkin)	-	0.18	USA	65.0	729	1000	JPN	1000	3	2b	6.06	1%	

Annex 4

SPIROTEFRAMAT (234) International estimate of short term intake (IESTI) for **CHILDREN UP TO 6 YEARS** Acute RfD= 1.000 mg/kg bw (1000 µg/kg bw) Maximum %ARfD: 40%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight			Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)	Large portion, g/person	Unit weight, g	Country					
TN 0660	Almonds	-	0.29	USA	15.0	13	-	-	ND	1	0.26	0%	
FP 0226	Apple	-	0.55	USA	15.0	679	200	JPN	3	2a	39.55	4%	
JF 0226	Apple juice	0.082	-	-	-	ND	-	-	ND	3	ND	-	
DF 0226	Apple, dried	-	0.55	AUS	19.0	4	-	-	ND	ND	ND	-	
FS 0240	Apricot	-	2.1	AUS	19.0	414	35	USA	3	2a	53.23	5%	
VC 0421	Balsam pear, stated as bitter gourd, VC 4195	-	0.18	Thai	17.1	87	-	-	ND	ND	ND	-	
TN 0662	Brazil nut	-	0.29	-	-	ND	-	-	ND	1	ND	-	
VB 0400	Broccoli	-	0.87	FRA	18.9	254	608	USA	3	2b	35.13	4%	
VB 0401	Broccoli, Chinese	-	0.87	-	-	ND	-	-	ND	ND	ND	-	
VB 0402	Brussels sprouts	-	0.87	NLD	17.0	213	10	UNK	1	1	10.88	1%	
VB 0041	Cabbages, Head	-	0.92	SAF	14.2	220	908	USA	3	2b	42.78	4%	
TN 0295	Cashew nut	-	0.29	Thai	17.1	99	-	-	ND	1	1.68	0%	
VB 0404	Cauliflower (head)	-	0.87	NLD	17.0	209	575	USA	3	2b	32.13	3%	
VS 0624	Celery (stalk)	-	2.6	FRA	18.9	157	40	USA	3	2a	32.66	3%	
VS 0624	Celery (whole)	-	2.6	FRA	18.9	157	700	BEL	3	2b	64.97	6%	
VL 0464	Chard	-	5.5	FRA	18.9	47	-	-	ND	ND	ND	-	
VC 0423	Chayote	-	0.18	AUS	19.0	105	-	-	ND	ND	ND	-	
FS 0013	Cherries	-	2.1	AUS	19.0	250	5	FRA	1	1	27.64	3%	
FS 0013	Cherries	-	2.1	AUS	19.0	250	5	JPN	1	1	27.64	3%	
TN 0664	Chestnuts	-	0.29	FRA	18.9	196	-	-	ND	1	3.00	0%	
VL 0469	Chicory leaves (head)	-	5.5	USA	15.0	19	53	USA	3	2b	20.63	2%	
VL 0469	Chicory leaves (head)	-	5.5	USA	15.0	19	100	BEL	3	2b	20.63	2%	
VL 0466	Chinese cabbage, type pak-choi	-	5.5	JPN	15.9	183	840	USA	3	2b	189.59	20%	
TN 0665	Coconut	-	0.29	NLD	17.0	17	-	-	ND	ND	ND	-	
VL 0470	Corn salad	-	5.5	FRA	18.9	40	-	-	ND	ND	ND	-	
VL 0510	Cos lettuce	-	5.5	-	-	ND	-	-	ND	ND	ND	-	
VL 0472	Cress, garden	-	5.5	-	-	ND	-	-	ND	ND	ND	-	
VC 0424	Cucumber	-	0.18	NLD	17.0	162	301	USA	3	2b	5.15	1%	

Annex 4

SPIROTE/TRAMAT (234)

International estimate of short term intake (IESTI) for CHILDREN UP TO 6 YEARS

Acute RfD= 1,000 mg/kg bw (1000 µg/kg bw)
Maximum %ARfD: 40%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet		Large portion, g/person	Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)		Unit weight, g	Country					
MO 0105	Edible offal (mammalian)	-	0.024	FRA	18.9	86	-	-	ND	ND	1	0.11	0%
VO 0440	Egg plant	-	1.1	JPN	15.9	219	548	USA	444	3	2b	45.51	5%
VL 0476	Endive	-	5.5	NLD	17.0	212	-	-	ND	ND	ND	ND	-
VC 0425	Gherkin	-	0.18	NLD	17.0	56	116	USA	81	3	2b	1.77	0%
FB 0269	Grape (excl wine)	-	1.3	AUS	19.0	342	456	SWE	438	3	2b	70.20	7%
JF 0269	Grape juice	0.27	-	FRA	18.9	500	-	-	ND	ND	3	7.15	1%
FC 0203	Grapefruit	-	0.47	FRA	18.9	405	400	JPN	400	3	2a	29.97	3%
JF 0203	Grapefruit juice	0.18	-	-	-	ND	-	-	ND	ND	3	ND	-
DF 0269	Grapes, dried (= currants, raisins and sultanas)	-	3.4	USA	15.0	59	-	-	ND	ND	1	13.43	1%
TN 0666	Hazelnut	-	0.29	FRA	18.9	27	-	-	ND	ND	1	0.42	0%
VL 0480	Kale	-	5.5	NLD	17.0	149	-	-	ND	ND	ND	ND	-
VB 0405	Kohlrabi	-	0.87	-	-	ND	135	USA	99	3	ND	ND	-
FC 0204	Lemon	-	0.47	JPN	15.9	88	108	USA	72	3	2a	6.89	1%
-	Lemon juice	0.18	-	-	-	ND	-	-	ND	ND	3	ND	-
VL 0482	Lettuce, head	-	5.5	Thai	17.1	117	539	USA	512	3	2b	112.70	10%
VL 0483	Lettuce, leaf	-	5.5	NLD	17.0	102	160	BEL	144	3	2b	99.00	10%
FC 0205	Lime	-	0.47	AUS	19.0	26	67	USA	56	3	2b	1.92	0%
VC 0427	Loofah, angled (= angled gourd)	-	0.18	Thai	17.1	130	-	-	ND	ND	ND	ND	-
FP 0228	Loquat	-	0.55	-	-	ND	-	-	ND	ND	ND	ND	-
TN 0669	Macadamia nut	-	0.29	-	-	ND	-	-	ND	ND	1	ND	-
FC 0206	Mandarin	-	0.47	JPN	15.9	353	168	USA	124	3	2a	17.79	2%
VC 0046	Melons, except watermelon	-	0.18	FRA	18.9	597	1000	USA	630	3	2b	17.05	2%
VC 0046	Melons, except watermelon, stated as cantaloupe, VC 4199	-	0.18	USA	15.0	270	500	JPN	500	3	2b	9.71	1%
VC 0046	Melons, except watermelon, stated as cantaloupe, VC 4199	-	0.18	USA	15.0	270	552	USA	276	3	2b	9.71	1%
VL 0485	Mustard greens	-	5.5	USA	15.0	53	-	-	ND	ND	ND	ND	-
FS 0245	Nectarine	-	2.1	AUS	19.0	302	136	USA	125	3	2a	61.05	6%
VO 0442	Okra	-	1.1	USA	15.0	203	10	JPN	10	1	1	14.85	1%
JF 0004	Orange juice	0.18	-	-	-	ND	-	-	ND	ND	3	ND	-

Annex 4

SPIROTETRAMAT (234) International estimate of short term intake (IESTI) for **CHILDREN UP TO 6 YEARS** Acute RfD= 1,000 mg/kg bw (1000 µg/kg bw) Maximum %ARfD: 40%

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet		Large portion, g/person	Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% acute RfD rounded
				Country	Body weight (kg)		Unit weight, g	Country					
FC 0004	Orange, sweet, sour + orange-like hybrid	-	0.47	UNK	14.5	495	200	JPN	200	3	2a	29.01	3%
FS 0247	Peach	-	2.1	AUS	19.0	315	150	JPN	150	3	2a	68.03	7%
FP 0230	Pear	-	0.55	UNK	14.5	279	151	USA	151	3	2a	22.04	2%
TN 0672	Pecan	-	0.29	AUS	19.0	22	-	-	ND	ND	1	0.34	0%
VO 0051	Peppers	-	1.1	Thai	17.1	71	-	-	ND	ND	ND	ND	-
VO 0444	Peppers, Chilli	-	1.5	AUS	19.0	31	45	USA	43	3	2b	7.22	1%
VO 0445	Peppers, sweet (incl. pim(b)ento)	-	1.1	Thai	17.1	71	119	USA	98	3	2b	13.73	1%
TN 0673	Pine nut	-	0.29	AUS	19.0	18	-	-	ND	ND	1	0.27	0%
TN 0675	Pistachio nut	-	0.29	AUS	19.0	63	-	-	ND	ND	1	0.95	0%
FS 0014	Plum (incl dried)	-	2.1	Thai	17.1	377	40	JPN	40	3	2a	56.11	6%
DF 0014	Plum, dried (prunes)	-	4.6	AUS	19.0	170	6	FRA	5	1	1	41.17	4%
FC 4020	Pomelo	-	0.47	Thai	17.1	327	-	-	ND	ND	ND	ND	-
VR 0589	Potato	-	0.46	SAF	14.2	300	122	USA	99	3	2a	16.11	2%
VL 0492	Purslane	-	5.5	-	-	ND	-	-	ND	ND	ND	ND	-
FP 0231	Quince	-	0.55	NLD	17.0	1	92	USA	56	3	2b	0.10	0%
FC 0005	Shaddock or pomelo + shaddock-like hybrid	-	0.47	Thai	17.1	327	210	FRA	126	3	2a	15.91	2%
VC 0430	Snake gourd	-	0.18	Thai	17.1	130	-	-	ND	ND	ND	ND	-
VL 0502	Spinach (bunch)	-	5.5	SAF	14.2	420	340	USA	245	3	2a	352.43	40%
VC 0431	Squash, summer (= courgette)	-	0.18	AUS	19.0	219	196	USA	186	3	2a	5.60	1%
-	Squashes & pumpkins & gourds	-	0.18	-	-	ND	-	-	ND	ND	ND	ND	-
VO 0448	Tomato	-	1.1	FRA	18.9	215	123	USA	123	3	2a	26.86	3%
JF 0448	Tomato juice	0.27	-	-	-	ND	-	-	ND	ND	3	ND	-
-	Tomato paste	3.2	-	-	-	ND	-	-	ND	ND	ND	ND	-
TN 0085	Tree nuts	-	0.29	AUS	19.0	28	-	-	ND	ND	1	0.42	0%
VL 0506	Turnip greens	-	5.5	USA	15.0	90	-	-	ND	ND	ND	ND	-
VL 0473	Watercress	-	5.5	AUS	19.0	6	-	-	ND	ND	ND	ND	-
VC 0432	Watermelon	-	0.18	AUS	19.0	1473	4518	USA	2078	3	2b	41.85	4%
-	Wine	0.23	-	FRA	18.9	89	-	-	ND	ND	3	1.09	0%
VC 0433	Winter squash (= pumpkin)	-	0.18	USA	15.0	169	1000	JPN	1000	3	2b	6.07	1%

Annex 4

TEBUCONAZOLE (189) International estimate of short term intake (IESTI) for GENERAL POPULATION ARID= not yet considered

Codex Code	Commodity	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% ARID rounded
		Country	Body weight (kg)	Country	weight, g					
FP 0226	Apple	USA	65.0	USA	162	1348	3	2a	11.90	-
JF 0226	Apple juice	-	-	-	-	ND	ND	3	ND	-
DF 0226	Apple, dried	AUS	67.0	AUS	-	10	ND	3	0.03	-
VS 0620	Artichoke globe	FRA	52.2	FRA	350	512	3	2a	4.85	-
FI 0327	Banana 1/	FRA	52.2	FRA	1218	714	3	2b	2.05	-
GC 0640	Barley	NLD	63.0	NLD	-	378	ND	3	0.36	-
VB 0400	Broccoli	FRA	52.2	FRA	310	537	3	2a	9.75	-
VB 0402	Brussels sprouts	FRA	52.2	FRA	10	351	1	1	3.77	-
VB 0041	Cabbages, Head	SAF	55.7	SAF	1650	362	3	2b	10.92	-
VR 0577	Carrot	FRA	52.2	FRA	100	348	3	2a	2.22	-
VB 0404	Cauliflower (head)	UNK	70.1	UNK	1000	579	3	2b	13.88	-
FS 0013	Cherries 1/	FRA	52.2	FRA	5	360	4	1	21.39	-
SB 0716	Coffee beans	FRA	52.2	FRA	-	117	ND	3	0.45	-
VP 0526	Common bean (green pods and/or immature seeds)	NLD	63.0	NLD	-	431	ND	1	8.21	-
VC 0424	Cucumber 1/	FRA	52.2	FRA	410	348	3	2b	3.80	-
MO 0105	Edible offal (mammalian)	FRA	52.2	FRA	-	327	ND	1	1.25	-
PE 0112	Eggs	Thai	53.5	Thai	-	195	ND	1	0.00	-
FB 0267	Elderberries	NLD	63.0	NLD	-	21	ND	1	0.25	-
VA 0381	Garlic	Thai	52.2	Thai	-	33	ND	1	0.04	-
FB 0269	Grape (excl wine) 2/	AUS	67.0	AUS	125	513	3	2a	22.33	-
JF 0269	Grape juice 3/	FRA	52.2	FRA	-	696	ND	3	5.60	-
DF 0269	Grapes, dried (= currants, raisins and sultanas) 3/	USA	65.0	USA	-	70	ND	1	3.24	-
DH 1100	Hops, dry	FRA	52.2	FRA	-	13	ND	3	2.41	-
VB 0405	Kohlrabi	NLD	63.0	NLD	135	283	99	1	2.51	-
VA 0384	Leek	FRA	52.2	FRA	225	177	169	2a	4.34	-
VL 0482	Lettuce, head	USA	65.0	USA	558	213	413	2b	31.39	-
GC 0645	Maize	FRA	52.2	FRA	-	212	ND	3	0.41	-
FI 0345	Mango	AUS	67.0	AUS	339	567	234	2a	1.54	-

Annex 4

International estimate of short term intake (IESTI) for

GENERAL POPULATION

TEBUCONAZOLE (189)

ARID= not yet considered

Codex Code	Commodity	STMR or STMR-P mg/kg	HR or HR-P mg/kg	Large portion diet		Unit weight		Unit weight, edible portion, g	Variability factor	Case	IESTI µg/kg bw/day	% ARID rounded
				Country	Body weight (kg)	Country	Unit weight, g					
MM 0095	Meat from mammals other than marine mammals	-	0	AUS	67.0	-	-	ND	ND	1	0.00	-
VC 0046	Melons, except watermelon	-	0.02	FRA	52.2	720	BEL	540	3	2a	0.81	-
ML 0106	Milks	0	-	USA	65.0	2466	-	ND	ND	3	0.00	-
GC 0647	Oats 1/	0	-	USA	65.0	175	-	ND	ND	3	0.00	-
VA 0385	Onion, Bulb	-	0.06	NLD	63.0	172	UNK	150	3	2a	0.45	-
FI 0350	Papaya	-	1.2	USA	65.0	567	JPN	250	3	2a	19.69	-
FS 0247	Peach 1/	-	0.81	SAF	55.7	685	BEL	126	3	2a	13.63	-
SO 0697	Peanut, shelled	0.03	-	FRA	52.2	135	-	ND	ND	3	0.08	-
FP 0230	Pear	-	0.47	FRA	52.2	568	UNK	170	3	2a	8.18	-
VO 0445	Peppers, sweet (incl. pim(t)iento) 1/	-	0.36	FRA	52.2	90	UNK	160	3	2b	1.87	-
FS 0014	Plum (incl dried)	-	0.12	Thai	53.5	480	UNK	55	3	2a	1.33	-
DF 0014	Plum, dried (prunes)	-	0.18	USA	65.0	303	FRA	5	1	3.00	0.84	-
PM 0110	Poultry meat	-	0	AUS	67.0	431	-	ND	ND	1	0.00	-
PO 0111	Poultry, Edible offal of	-	0.05	USA	65.0	248	-	ND	ND	1	0.19	-
FP 0231	Quince	-	0.47	AUS	67.0	175	USA	56	3	2a	2.01	-
OR 0495	Rape seed oil, edible	0.064	-	AUS	67.0	65	-	ND	ND	3	0.06	-
GC 0649	Rice	0.275	-	FRA	52.2	246	-	ND	ND	3	1.30	-
GC 0650	Rye 2/	0.05	-	FRA	52.2	161	-	ND	ND	3	0.15	-
VD 0541	Soya bean (dry)	0.02	-	JPN	52.6	159	-	ND	ND	3	0.06	-
VC 0431	Squash, summer (= courgette) 2/	-	0.02	FRA	52.2	351	FRA	270	3	2a	0.34	-
VO 0447	Sweet corn (corn-on-the-cob)	-	0.1	Thai	53.5	383	JPN	200	3	2a	1.46	-
VO 0448	Tomato	-	0.46	FRA	52.2	387	BEL	143	3	2a	5.92	-
JF 0448	Tomato juice	0.08	-	-	-	ND	-	ND	ND	3	ND	-
-	Tomato paste	0.13	-	-	-	ND	-	ND	ND	3	ND	-
-	Tomatoes peeled	-	0.115	-	-	ND	-	ND	ND	1	ND	-
VC 0432	Watermelon	-	0.02	USA	65.0	1939	USA	2078	3	2b	1.79	-
GC 0654	Wheat 2/	0.05	-	FRA	52.2	703	-	ND	ND	3	0.67	-
-	Wine 3/	0.5	-	FRA	52.2	1006	-	ND	ND	3	9.64	-

1/ STMR from the 1997 JMPR; 2/ Codex MRL recommended at the 1994 JMPR; 3/ PF from the 1997 JMPR applied to grape MRL