

4-23 96

gradual update

New AR's on Tomatoes

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION			STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315			56d feeding- rat	ChE inhibition (plasma, RBC & brain); LDT was considered a threshold level. No evidence of carcinogenicity in rats or mice.	ADI	UF -->30	No data gaps.	HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 RfD/PR reviewed 06/15/95 On IRIS.
			NOEL=		OPP	RfD= 0.001000		
			LEL=		EPA	RfD= 0.000050		
			ONCO: E (RfD/PR Committee)					
TOTAL TMRC (MG/KG BODY WEIGHT/DAY)		NEW TMRC	DIFFERENCE	EFFECT OF ANTICIPATED RESIDUES				
CURRENT TMRC*		AS PERCENT OF RFD	AS PERCENT OF RFD	ARC	%RFD			
POPULATION SUBGROUP								
U.S. POPULATION - 48 STATES								
		0.002593	0.002627	262.700200	3.432800	0.000243	24.32080	
U.S. POPULATION - SPRING SEASON		0.002521	0.002546	254.584800	2.435100	0.000234	23.43370	
U.S. POPULATION - SUMMER SEASON		0.002809	0.002843	284.287300	3.368700	0.000263	26.26450	
U.S. POPULATION - FALL SEASON		0.002512	0.002539	253.851800	2.686000	0.000235	23.53730	
U.S. POPULATION - WINTER SEASON		0.002528	0.002555	255.506300	2.657900	0.000240	24.02100	
NORTHEAST REGION								
		0.002518	0.002551	255.138300	3.324000	0.000244	24.41260	
NORTH CENTRAL REGION		0.002594	0.002619	261.851000	2.406900	0.000244	24.43400	
SOUTHERN REGION		0.002547	0.002565	256.520300	1.815100	0.000228	22.83750	
WESTERN REGION		0.002769	0.002812	281.191900	4.302600	0.000266	26.55560	
HISPANICS								
NON-HISPANIC WHITES		0.002980	0.003036	303.629900	5.667200	0.000247	24.74910	
NON-HISPANIC BLACKS		0.002626	0.002654	265.402300	2.774200	0.000249	24.90680	
NON-HISPANIC OTHERS		0.002164	0.002178	217.800000	1.424400	0.000199	19.85020	
		0.002835	0.002870	286.977900	3.472700	0.000280	27.97080	
NURSING INFANTS (< 1 YEAR OLD)								
		0.000651	0.000653	65.282800	0.195200	0.000041	4.13500	
NON-NURSING INFANTS (< 1 YEAR OLD)		0.002241	0.002245	224.458700	0.363500	0.000164	16.43230	
FEMALES (13+ YEARS, PREGNANT)		0.002210	0.002226	222.624100	1.651000	0.000210	20.97630	
FEMALES 13+ YEARS, NURSING		0.002409	0.002435	243.529500	2.673600	0.000222	22.22420	
CHILDREN (1-6 YEARS OLD)		0.004489	0.004532	453.187700	4.255100	0.000397	39.66970	
CHILDREN (7-12 YEARS OLD)		0.003740	0.003772	377.237300	3.280600	0.000337	33.70690	
MALES (13-19 YEARS OLD)		0.002625	0.002650	264.979800	2.447800	0.000238	23.76860	
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)		0.002318	0.002339	233.942800	2.172100	0.000217	21.65130	
MALES (20 YEARS AND OLDER)		0.002154	0.002181	218.075100	2.697800	0.000206	20.58720	
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)		0.002175	0.002201	220.084300	2.632500	0.000215	21.45320	

*Current TMRC does not include new or pending tolerances.
**New TMRC includes new, pending, and published tolerances.

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FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
11010AA	CRANBERRIES	10 RAW-FRESH OR NFS	3E2770	P 0.100000	0.100000		100.00	0.100000
11010AA	CRANBERRIES	21 COOKED-NFS	3E2770	P 0.100000	0.100000		100.00	0.100000
11010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	3E2770	P 0.100000	0.100000		100.00	0.100000
11010JA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	3E2770	P 0.100000	0.100000		100.00	0.100000
11010JA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	3E2770	P 0.100000	0.100000		1.00	0.010000
8048DA	PAPRIKA	00 NOT SPECIFIED (NO CONSUMPTION)	4E1424	N 1.000000	1.000000		19.00	0.095000
0002AA	CANTALOUPE-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	4E1424	P 0.500000	0.500000		19.00	0.095000
0002AB	CANTALOUPE-PULP	10 RAW-FRESH OR NFS	4E1424	P 0.500000	0.500000		19.00	0.095000
0002AB	CANTALOUPE-PULP	21 COOKED-NFS	4E1424	P 0.500000	0.500000		16.00	0.080000
0003AA	CASABAS	10 RAW-FRESH OR NFS	4E1424	P 0.500000	0.500000		16.00	0.080000
0004AA	CHEWY MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	4E1424	P 0.500000	0.500000		16.00	0.080000
0005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	4E1424	P 0.500000	0.500000		16.00	0.080000
0007AA	PERSTON MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	4E1424	P 0.500000	0.500000		6.00	0.030000
0008AA	WATERMELON	10 RAW-FRESH OR NFS	4E1424	P 0.500000	0.500000		6.00	0.030000
0008AA	WATERMELON	21 COOKED-NFS	4E1424	P 1.000000	1.000000		1.00	0.010000
0010AA	CUCUMBERS	10 RAW-FRESH OR NFS	4E1424	P 1.000000	1.000000		1.00	0.010000
0010AA	CUCUMBERS	11 RAW-FRESH-PICKLED, CORNED, OR CURED	4E1424	P 1.000000	1.000000		1.00	0.010000
0010AA	CUCUMBERS	21 COOKED-NFS	4E1424	P 1.000000	1.000000		26.00	0.260000
11001AA	EGGPLANT	10 RAW-FRESH OR NFS	4E1424	P 1.000000	1.000000		26.00	0.260000
11001AA	EGGPLANT	21 COOKED-NFS	4E1424	P 1.000000	1.000000		26.00	0.260000
11001AA	EGGPLANT	25 COOKED-FRESH-FRIED	4E1424	P 1.000000	1.000000		6.00	0.060000
11003AA	PEPPERS, SWEET	10 RAW-FRESH OR NFS	4E1424	N 1.000000	1.000000		6.00	0.060000
11003AA	PEPPERS, SWEET	21 COOKED-NFS	4E1424	N 1.000000	1.000000		1.00	0.010000
11003AB	CHILI PEPPERS	00 NOT SPECIFIED (NO CONSUMPTION)	4E1424	N 1.000000	1.000000		6.00	0.060000
11003AD	PEPPERS-OTHER	10 RAW-FRESH OR NFS	4E1424	N 1.000000	1.000000		6.00	0.060000
11003AD	PEPPERS-OTHER	21 COOKED-NFS	4E1424	N 1.000000	1.000000		6.00	0.060000
11003AD	PEPPERS-OTHER	51 COOKED-CANNED	4E1424	N 1.000000	1.000000		6.00	0.060000
11004AA	PINIENTOS	10 RAW-FRESH OR NFS	4E1424	N 1.000000	1.000000		6.00	0.060000
11004AA	PINIENTOS	21 COOKED-NFS	4E1424	N 1.000000	1.000000		6.00	0.060000
11004AA	PINIENTOS	31 COOKED-FRESH OR CANNED	4E1424	N 1.000000	1.000000		42.00	0.420000
11005AA	TOMATOES-WHOLE	10 RAW-FRESH OR NFS	4E1424	P 1.000000	1.000000		42.00	0.420000
11005AA	TOMATOES-WHOLE	21 COOKED-NFS	4E1424	P 1.000000	1.000000		42.00	0.420000
11005AA	TOMATOES-WHOLE	31 COOKED-FRESH OR CANNED	4E1424	P 1.000000	1.000000		42.00	0.420000
11005JA	TOMATOES-JUICE	10 RAW-FRESH OR NFS	4E1424	P 1.000000	1.000000		42.00	0.420000
11005JA	TOMATOES-JUICE	21 COOKED-NFS	4E1424	P 1.000000	1.000000		42.00	0.420000
11005RA	TOMATOES-PUREE	10 RAW-FRESH OR NFS	4E1424	P 1.000000	1.000000		42.00	0.420000
11005RA	TOMATOES-PUREE	21 COOKED-NFS	4E1424	P 1.000000	1.000000		42.00	0.420000
11005RA	TOMATOES-PUREE	31 COOKED-FRESH OR CANNED	4E1424	P 1.000000	1.000000		42.00	0.420000
11005RA	TOMATOES-PUREE	32 COOKED-FRESH OR CANNED-BAKED	4E1424	P 1.000000	1.000000		42.00	0.420000
11005RA	TOMATOES-PUREE	51 COOKED-CANNED	4E1424	P 1.000000	1.000000		42.00	0.420000

DATE: 05/16/95

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 378A

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS	
			ADI	UF		HED reviewed	STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315	56d feeding- rat NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	CHE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinogenicity in rats or mice.	OPP Rfd= 0.001000 EPA Rfd= 0.000050	UF -->30	No data gaps.	HED reviewed 06/13/86 HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 Rfd/PR reviewed 05/29/92 On IRIS.	

FOOD CODE	FOOD	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
11005TA	TOMATOES-PASTE	4E1424	P 1.000000	1.000000		42.00	0.420000
11005TA	TOMATOES-PASTE	4E1424	P 1.000000	1.000000		42.00	0.420000
11005TA	TOMATOES-PASTE	4E1424	P 1.000000	1.000000		42.00	0.420000
11005TA	TOMATOES-PASTE	4E1424	P 1.000000	1.000000		42.00	0.420000
11005UA	TOMATOES-CATSUP	4E1424	P 1.000000	1.000000		21.00	0.210000
13002AA	CELERY	6E1794	P 1.000000	1.000000		21.00	0.210000
13002AA	CELERY	6E1794	P 1.000000	1.000000		11.00	0.110000
13003AA	BROCCOLI	0F0956	P 1.000000	1.000000		11.00	0.110000
13003AA	BROCCOLI	0F0956	P 1.000000	1.000000		11.00	0.110000
13003AA	BROCCOLI	0F0956	P 1.000000	1.000000		82.00	0.820000
13003AA	BROCCOLI	0F0956	P 1.000000	1.000000		82.00	0.820000
13006AA	BRUSSEL SPROUTS	0F0956	P 1.000000	1.000000		25.00	0.250000
13006AA	BRUSSEL SPROUTS	0F0956	P 1.000000	1.000000		25.00	0.250000
13007AA	CABBAGE	0F0956	P 1.000000	1.000000		25.00	0.250000
13007AA	CABBAGE	0F0956	P 1.000000	1.000000		25.00	0.250000
13007AA	CABBAGE	0F0956	P 1.000000	1.000000		5.00	0.050000
13007AA	CABBAGE	0F0956	P 1.000000	1.000000		5.00	0.050000
13008AA	CAULIFLOWER	0F0956	P 1.000000	1.000000		13.00	0.130000
13008AA	CAULIFLOWER	0F0956	P 1.000000	1.000000		13.00	0.130000
13010AA	CABBAGE-CHINESE	0F0956	P 1.000000	1.000000		9.00	0.090000
13010AA	CABBAGE-CHINESE	0F0956	P 1.000000	1.000000		9.00	0.090000
13010AA	CABBAGE-CHINESE	0F0956	P 1.000000	1.000000		13.00	0.130000
13013AA	LETTUCE-LEAFY	0F0956	P 1.000000	1.000000		9.00	0.090000
13013AA	FENNEL	0F0956	P 1.000000	1.000000		9.00	0.090000
13020AA	LETTUCE-UNSPEC	0F0956	P 1.000000	1.000000		9.00	0.090000
13045AA	LETTUCE-HEAD	0F0956	P 1.000000	1.000000		25.00	0.250000
13045AA	LETTUCE-HEAD	0F0956	P 1.000000	1.000000		25.00	0.250000
13045AA	LETTUCE-HEAD	0F0956	P 1.000000	1.000000		25.00	0.250000
14013AA	POTATO(WH)-WHOLE	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AA	POTATO(WH)-WHOLE	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AA	POTATO(WH)-WHOLE	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AA	POTATO(WH)-WHOLE	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AB	POTATO(WH)-UNSPEC	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AC	POTATO(WH)-PULP	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AC	POTATO(WH)-PULP	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AC	POTATO(WH)-PULP	0F0956	P 0.100000	0.100000		25.00	0.025000
14013AC	POTATO(WH)-PULP	0F0956	P 0.100000	0.100000		25.00	0.025000
14013DA	POTATO(WH)-DRY	0F0956	P 0.100000	0.100000		25.00	0.025000
14013DA	POTATO(WH)-DRY	0F0956	P 0.100000	0.100000		25.00	0.025000
14013DA	POTATO(WH)-DRY	0F0956	P 0.100000	0.100000		1.00	0.010000
14013DA	POTATO(WH)-DRY	0F0956	P 0.100000	0.100000		1.00	0.010000
15001AA	BEANS-DRY-GRT NO	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AA	BEANS-DRY-KIDNEY	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AB	BEANS-DRY-KIDNEY	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AB	BEANS-DRY-KIDNEY	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AC	BEANS-DRY-LIMA	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AD	BEANS-DRY-NAVY	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AD	BEANS-DRY-NAVY	5F1578	P 1.000000	1.000000		1.00	0.010000

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ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 378A

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315	56d feeding- rat NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	ChE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinog- enicity in rats or mice.	ADI UF -->30 OPP Rfd= 0.001000 EPA Rfd= 0.000050	No data gaps.	HED reviewed 06/13/86 HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	5F1578	P 1.000000	1.000000		1.00	0.010000
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15002AA	BEANS-SUCC-LIMA	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15003AB	BEANS-SUCC-OTH	10 RAW-FRESH OR NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15003AB	BEANS-SUCC-OTH	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15003AC	BEANS-SUCC-WAX	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15013AA	MUNG BEANS	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	5F1578	P 1.000000	1.000000		1.00	0.010000
15022AB	BEANS-SUCC-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	5F1578	P 1.000000	1.000000		1.00	0.010000
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15027AA	BEANS-UNSPEC	21 COOKED-NFS	5F1578	P 1.000000	1.000000		1.00	0.010000
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	5F1578	P 1.000000	1.000000		1.00	0.010000
15030AB	BEANS-SUCC-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	5F1578	P 1.000000	1.000000		1.00	0.010000
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	5F1578	P 1.000000	1.000000		4.00	0.000800
25002SA	BET SUGAR	10 RAW-FRESH OR NFS	8F2116	P 0.020000	0.020000		4.00	0.000800
25002SA	BET SUGAR	21 COOKED-NFS	8F2116	P 0.020000	0.020000		4.00	0.000800
25002SA	BET SUGAR	22 COOKED-FRESH-BAKED	8F2116	P 0.020000	0.020000		4.00	0.000800
25002SA	BET SUGAR	31 COOKED-FRESH OR CANNED	8F2116	P 0.020000	0.020000		100.00	0.100000
270030A	COTTONSEED-OIL	18 PROCESSED OIL	0F0956	P 0.100000	0.100000		100.00	0.100000
270030A	COTTONSEED-MEAL	18 PROCESSED OIL	0F0956	P 0.100000	0.100000		100.00	0.100000

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION			STUDY TYPE	EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315			56d feeding- rat NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	ChE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinogenicity in rats or mice.	ADI OPP RfD= 0.001000 EPA RfD= 0.000050	UF -->30	No data gaps.		HED reviewed 06/13/86 HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 On IRIS.	
TOTAL THRC (MG/KG BODY WEIGHT/DAY)										
CURRENT THRC*					NEW THRC**		NEW THRC AS PERCENT OF RFD		DIFFERENCE AS PERCENT OF RFD	
									EFFECT OF ANTICIPATED RESIDUES	
									ARC	
									%RFD	
POPULATION SUBGROUP										
U.S. POPULATION - 48 STATES										
U.S. POPULATION - SPRING SEASON										
U.S. POPULATION - SUMMER SEASON										
U.S. POPULATION - FALL SEASON										
U.S. POPULATION - WINTER SEASON										
NORTHEAST REGION										
NORTH CENTRAL REGION										
SOUTHERN REGION										
WESTERN REGION										
HISPANICS										
NON-HISPANIC WHITES										
NON-HISPANIC BLACKS										
NON-HISPANIC OTHERS										
NURSING INFANTS (< 1 YEAR OLD)										
NON-NURSING INFANTS (< 1 YEAR OLD)										
FEMALES (13+ YEARS, PREGNANT)										
FEMALES 13+ YEARS, NURSING										
CHILDREN (1-6 YEARS OLD)										
CHILDREN (7-12 YEARS OLD)										
MALES (13-19 YEARS OLD)										
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)										
MALES (20 YEARS AND OLDER)										
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)										
0.002593					0.002627		262.700200		3.432800	
0.002521					0.002546		254.584800		2.435100	
0.002809					0.002843		284.287300		3.368700	
0.002512					0.002539		253.851800		2.684000	
0.002528					0.002555		255.506300		2.657900	
0.002518					0.002551		255.138300		3.324000	
0.002594					0.002619		261.851000		2.406900	
0.002547					0.002565		256.520300		1.815100	
0.002769					0.002812		281.191900		4.302600	
0.002980					0.003036		303.629900		5.667200	
0.002626					0.002654		265.402300		2.774200	
0.002164					0.002178		217.800000		1.424400	
0.002835					0.002870		286.977900		3.472700	
0.000651					0.000653		65.282800		0.195200	
0.002241					0.002245		224.458700		0.363500	
0.002210					0.002226		222.624100		1.651000	
0.002409					0.002435		243.529500		2.673600	
0.004489					0.004532		453.187700		4.255100	
0.003740					0.003772		377.237300		3.280600	
0.002625					0.002650		264.979800		2.447800	
0.002318					0.002339		233.942800		2.172100	
0.002154					0.002181		218.075100		2.697800	
0.002175					0.002201		220.084300		2.632500	
									0.000730	
									0.000696	
									0.000762	
									0.000728	
									0.000734	
									0.000742	
									0.000759	
									0.000665	
									0.000784	
									0.000819	
									0.000754	
									0.000536	
									0.000701	
									0.000128	
									0.000481	
									0.000642	
									0.000670	
									0.001343	
									0.001099	
									0.000781	
									0.000666	
									0.000594	
									0.000583	
									75.01710	
									69.57060	
									76.21300	
									72.84810	
									73.42530	
									76.21710	
									75.87470	
									66.52610	
									78.43020	
									81.86850	
									75.41750	
									53.59720	
									70.11120	
									12.83930	
									48.14620	
									64.22360	
									67.04130	
									134.29820	
									109.85110	
									78.10220	
									66.56260	
									59.38250	
									58.28950	

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315	56d feeding- rat NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	ChE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinog- enicity in rats or mice.	AD1 UF -->30 OPP RfD= 0.001000 EPA RfD= 0.000050	No data gaps.	HED reviewed 06/13/86 HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: CHILDREN (1-6 YEARS OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (UG/KG/DAY)	
						(PPM)	%RFD
13016AA	FENNEL	1.000	P	0.000000	0.000	0.13000	0.000000
270030A	00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P	0.003636	0.364	0.10000	0.003636
270030A	COTTONSEED-OIL						
270030A	18 PROCESSED OIL	0.100	P	0.000051	0.005	0.10000	0.000051
270030A	COTTONSEED-MEAL						
270030A	18 PROCESSED OIL						
CROP GROUP TOTALS FOR UNSPECIFIED:						0.003687	0.369
14013AA	POTATOES(WHITE)-WHOLE	0.100	P	0.057998	5.800	0.02500	0.001992
14013AA	10 RAW-FRESH OR NFS					0.02500	0.006512
14013AA	21 COOKED-NFS					0.02500	0.005996
14013AB	22 COOKED-FRESH-BAKED	0.100	P	0.000019	0.002	0.02500	0.000005
14013AB	POTATOES(WHITE)-UNSPECIFIED					0.02500	0.003867
14013AB	22 COOKED-FRESH-BAKED					0.02500	0.001949
14013AC	POTATOES(WHITE)-PEELED	0.100	P	0.164854	16.485	0.02500	0.021732
14013AC	21 COOKED-NFS					0.02500	0.013666
14013AC	22 COOKED-FRESH-BAKED						
14013AC	23 COOKED-FRESH-BOILED						
14013AC	25 COOKED-FRESH-FRIED						
140130A	POTATOES(WHITE)-DRY	0.100	P	0.002212	0.221	0.02500	0.000290
140130A	10 RAW-FRESH OR NFS					0.02500	0.000263
140130A	31 COOKED-FRESH OR CANNED						
14013HA	POTATOES(WHITE)-PEEL ONLY	0.100	P	0.000000	0.000	0.02500	0.000000
14013HA	22 COOKED-FRESH-BAKED						
25002SA	BET SUGAR	0.020	P	0.016368	1.637	0.00080	0.000059
25002SA	10 RAW-FRESH OR NFS					0.00080	0.000145
25002SA	21 COOKED-NFS					0.00080	0.000123
25002SA	22 COOKED-FRESH-BAKED					0.00080	0.000327
25002SA	31 COOKED-FRESH OR CANNED						
CROP GROUP TOTALS FOR ROOT AND TUBER VEGETABLES:						0.056926	5.693
13002AA	CELERY	1.000	P	0.079929	7.993	0.21000	0.012506
13002AA	10 RAW-FRESH OR NFS					0.21000	0.004279
13002AA	21 COOKED-NFS						
13013AA	LETTUCE-LEAFY VARIETIES	1.000	P	0.002778	0.278	0.09000	0.000250
13013AA	10 RAW-FRESH OR NFS						
13020AA	LETTUCE-UNSPECIFIED	1.000	P	0.014126	1.413	0.09000	0.001271
13020AA	10 RAW-FRESH OR NFS						
13045AA	LETTUCE-HEAD VARIETIES	1.000	P	0.161203	16.120	0.09000	0.013884
13045AA	10 RAW-FRESH OR NFS						

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315	56d feeding- rat NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	ChE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinog- enicity in rats or mice.	ADI UF -->30 OPP RfD= 0.001000 EPA RfD= 0.000050	No data gaps.	HED reviewed 06/13/86 EPA reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: CHILDREN (1-6 YEARS OLD)

COMMODITY CONTRIBUTION BY RAC FOR: CHILDREN (1-6 YEARS OLD)								
FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)		THRC TYPE (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (UG/KG/DAY)		
	21 COOKED-NFS			0.258036	25.804	0.09000	0.000624	0.062
CROP GROUP TOTALS FOR LEAFY VEGETABLES (EXCL. BRASSICAE):								
		1.000	P	0.068341	6.834		0.032814	3.281
13005AA	BROCCOLI							
	21 COOKED-NFS					0.11000	0.000473	0.047
	31 COOKED-FRESH OR CANNED					0.11000	0.006206	0.621
	63 COOKED-FRESH OR FROZEN-BOILED					0.11000	0.000839	0.084
13006AA	BRUSSEL SPROUTS	1.000	P	0.005831	0.583	0.82000	0.000827	0.083
	21 COOKED-NFS					0.82000	0.003954	0.395
13007AA	CABBAGE-GREEN AND RED	1.000	P	0.098405	9.841	0.25000	0.008460	0.846
	10 RAW-FRESH OR NFS					0.25000	0.001526	0.153
	11 RAW-FRESH-PICKLED,CORNED,OR CURED					0.25000	0.014614	1.461
13008AA	CAULIFLOWER	1.000	P	0.016890	1.689	0.05000	0.000096	0.010
	10 RAW-FRESH OR NFS					0.05000	0.000748	0.075
13010AA	CABBAGE-CHINESE/CELERY (INC. BOK CHOY)	1.000	P	0.012899	1.290	0.13000	0.000076	0.008
	10 RAW-FRESH OR NFS					0.13000	0.001601	0.160
	21 COOKED-NFS						0.039420	3.942
CROP GROUP TOTALS FOR BRASSICA (COLE) LEAFY VEGETABLES:								
				0.202366	20.237			

CROP GROUP TOTALS FOR BRASSICA (COLE) LEAFY VEGETABLES:

15001AA	BEANS-DRY-GREAT NORTHERN	1.000	P	0.000000	0.01000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)						
15001AB	BEANS-DRY-KIDNEY	1.000	P	0.029294	0.01000	0.000287	0.029
	21 COOKED-NFS				0.01000	0.000006	0.001
15001AC	BEANS-DRY-LIMA	1.000	P	0.014043	0.01000	0.000140	0.014
	21 COOKED-NFS						
15001AD	BEANS-DRY-NAVY (PEA)	1.000	P	0.087806	0.01000	0.000178	0.018
	21 COOKED-NFS				0.01000	0.000700	0.070
15001AE	BEANS-DRY-OTHER	1.000	P	0.078555	0.01000	0.000296	0.030
	21 COOKED-NFS				0.01000	0.000156	0.016
	25 COOKED-FRESH-FRIED				0.01000	0.000334	0.033
15001AF	BEANS-DRY-PINTO	1.000	P	0.086905	0.01000	0.000869	0.087
	21 COOKED-NFS						
15002AA	BEANS-SUCCULENT-LIMA	1.000	P	0.038633	0.01000	0.000000	0.000
	10 RAW-FRESH OR NFS						

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315	56d feeding- rat NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	ChE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinog- enicity in rats or mice.	ADI UF -->30 OPP RfD= 0.001000 EPA RfD= 0.000050	No data gaps.	HED reviewed 06/13/86 HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: CHILDREN (1-6 YEARS OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (UG/KG/DAY)	
						(PPM)	%RFD
15003AA	21 COOKED-NFS BEANS-SUCCULENT-GREEN	1.000	P	0.343405	34.341	0.01000	0.000386
15003AB	21 COOKED-NFS BEANS-SUCCULENT-OTHER	1.000	P	0.043819	4.382	0.01000	0.003434
15003AC	10 RAW-FRESH OR NFS 21 COOKED-NFS BEANS-SUCCULENT-YELLOW,WAX	1.000	P	0.012414	1.241	0.01000	0.000000
15013AA	21 COOKED-NFS MUNG BEANS (SPROUTS)	1.000	P	0.008333	0.833	0.01000	0.000438
15022AA	10 RAW-FRESH OR NFS 21 COOKED-NFS BEANS-DRY-BROADBEANS(NATURE SEED)	1.000	P	0.000000	0.000	0.01000	0.000124
15022AB	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-SUCCULENT-BROADBEANS(IMMAT. SEED)	1.000	P	0.000000	0.000	0.01000	0.000016
15023AA	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-DRY-PIGEON BEANS	1.000	P	0.000000	0.000	0.01000	0.000067
15027AA	21 COOKED-NFS BEANS-UNSPECIFIED	1.000	P	0.010745	1.075	0.01000	0.000000
15030AA	21 COOKED-NFS BEANS-DRY-HYACINTH(MATURE SEEDS)	1.000	P	0.000000	0.000	0.01000	0.000107
15030AB	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-SUCCULENT-HYACINTH(YOUNG PODS)	1.000	P	0.000000	0.000	0.01000	0.000000
15031AA	00 NOT SPECIFIED (NO CONSUMPTION) BEANS-DRY-BLACK EYE PEAS(COMPEAS)	1.000	P	0.003510	0.351	0.01000	0.000000
CROP GROUP TOTALS FOR LEGUME VEGETABLES:					75.746	0.000035	0.004
11001AA	EGGPLANT 10 RAW-FRESH OR NFS	1.000	P	0.002128	0.213	0.01000	0.007573
11003AA	21 COOKED-NFS 25 COOKED-FRESH-FRIED PEPPERS (SWEET/GARDEN)	1.000	N	0.034216	3.422	0.26000	0.000000
11003AB	10 RAW-FRESH OR NFS 21 COOKED-NFS CHILI PEPPERS	1.000	N	0.000000	0.000	0.26000	0.000553
11003AD	00 NOT SPECIFIED (NO CONSUMPTION) PEPPERS-OTHER	1.000	N	0.005386	0.539	0.06000	0.000000
	10 RAW-FRESH OR NFS 21 COOKED-NFS 51 COOKED-CANNED					0.06000	0.001491
						0.01000	0.000562
						0.06000	0.001077
						0.06000	0.000000
						0.06000	0.000012
						0.06000	0.000305
						0.06000	0.000006

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Methamidophos (Monitor) Caswell #378A CAS No. 10265-92-6 A.I. CODE: 101201 CFR No. 180.315	56d feeding- rat NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	ChE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinogenicity in rats or mice.	ADI UF -->30 OPP RfD= 0.001000 EPA RfD= 0.000050	No data gaps.	HED reviewed 06/13/86 HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: CHILDREN (1-6 YEARS OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD
11004AA	PIMIENTOS 10 RAW-FRESH OR NFS	1.000	N	0.002949	0.295	0.06000	0.000052	0.005
	21 COOKED-NFS					0.06000	0.000079	0.008
	31 COOKED-FRESH OR CANNED					0.06000	0.000045	0.005
11005AA	TOMATOES-WHOLE 10 RAW-FRESH OR NFS	1.000	P	0.800248	80.025	0.42000	0.098083	9.808
	21 COOKED-NFS					0.42000	0.183902	18.390
	31 COOKED-FRESH OR CANNED					0.42000	0.054120	5.412
11005JA	TOMATOES-JUICE 10 RAW-FRESH OR NFS	1.000	P	0.059447	5.945	0.42000	0.000000	0.000
	21 COOKED-NFS					0.42000	0.024968	2.497
11005RA	TOMATOES-PUREE 10 RAW-FRESH OR NFS	1.000	P	1.144825	114.483	0.42000	0.000145	0.015
	21 COOKED-NFS					0.42000	0.243843	24.384
	31 COOKED-FRESH OR CANNED					0.42000	0.060477	6.048
	32 COOKED-FRESH OR CANNED-BAKED					0.42000	0.048784	4.878
	51 COOKED-CANNED					0.42000	0.127578	12.758
11005TA	TOMATOES-PASTE 21 COOKED-NFS	1.000	P	0.530855	53.086	0.42000	0.166730	16.673
	22 COOKED-FRESH-BAKED					0.42000	0.015312	1.531
	31 COOKED-FRESH OR CANNED					0.42000	0.040917	4.092
11005UA	TOMATOES-CATSUP 21 COOKED-NFS	1.000	P	0.273173	27.317	0.42000	0.114733	11.473
CROP GROUP TOTALS FOR FRUITING VEGETABLES (EXCL. CUCURBITS):					2.853227		1.182697	118.270

10002AA	CANTALOUPE-UNSPECIFIED 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.09500	0.000000	0.000
10002AB	CANTALOUPE-PULP 10 RAW-FRESH OR NFS	0.500	P	0.020332	2.033	0.09500	0.003863	0.386
	21 COOKED-NFS					0.09500	0.000000	0.000
10003AA	CASABAS 10 RAW-FRESH OR NFS	0.500	P	0.000000	0.000	0.08000	0.000000	0.000
10004AA	CRENSHAW 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.08000	0.000000	0.000
10005AA	HONEYDEW MELONS 10 RAW-FRESH OR NFS	0.500	P	0.016516	1.652	0.08000	0.002643	0.264
10007AA	PERSION MELONS 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.08000	0.000000	0.000
10008AA	WATERMELON 10 RAW-FRESH OR NFS	0.500	P	0.070305	7.031	0.03000	0.004213	0.421

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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CHEMICAL INFORMATION		STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Methamidophos (Monitor)	56d feeding- rat	NOEL= 0.0300 mg/kg 0.00 ppm LEL= 0.0500 mg/kg 0.50 ppm ONCO: Negative- 2 species	ChE inhibition (plasma, RBC, & brain); LDT was considered a threshold level. No evidence of carcinogenicity in rats or mice.	ADI UF -->30 OPP RfD= 0.001000 EPA RfD= 0.000050	No data gaps.	HED reviewed 06/13/86 HED reassess 04/03/87 EPA verified 05/20/87 WHO reviewed 1990 RfD/PR reviewed 05/29/92 On IRIS.
Caswell #378A						
CAS No. 10265-92-6						
A.I. CODE: 101201						
CFR No. 180.315						

COMMODITY CONTRIBUTION BY RAC FOR: CHILDREN (1-6 YEARS OLD)

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	XRFD	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD
10010AA	CUCUMBERS	1.000	P	0.100358	10.036	0.03000	0.000006	0.001
	21 COOKED-NFS							
	10 RAW-FRESH OR NFS					0.01000	0.000484	0.048
	11 RAW-FRESH-PICKLED, CORNED, OR CURED					0.01000	0.000488	0.049
	21 COOKED-NFS					0.01000	0.000031	0.003
CROP GROUP TOTALS FOR FRUITING VEGETABLES (CUCURBITS):					20.751	0.011728		1.173
01010AA	CRANBERRIES	0.100	P	0.005142	0.514	0.10000	0.000052	0.005
	10 RAW-FRESH OR NFS					0.10000	0.000004	0.000
	21 COOKED-NFS					0.10000	0.005085	0.509
01010JA	CRANBERRIES-JUICE	0.100	P	0.002995	0.300	0.10000	0.002953	0.295
	15 RAW-FRESH OR CANNED					0.10000	0.000043	0.004
	31 COOKED-FRESH OR CANNED							
CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:					0.814	0.008137		0.814
080480A	PAPRIKA	1.000	N	0.000000	0.000	0.01000	0.000000	0.000
	00 NOT SPECIFIED (NO CONSUMPTION)							
CROP GROUP TOTALS FOR HERBS AND SPICES:					0.000	0.000000		0.000

GRAND TOTALS FOR CHILDREN (1-6 YEARS OLD)

1.342982

453.188

134.298

TOLERANCE TYPE: N=NEW; A=PENDING; P=PUBLISHED
 THRC=THEORETICAL MAXIMUM RESIDUE CONTRIBUTION
 ARC = ANTICIPATED RESIDUE CONTRIBUTION
 RFD = REFERENCE DOSE

Pyrethrin +

069001

Consolidated Data Base on Pesticide
Use- NCFAP and Doane data

PCODE	DRES	CROP	ACRES GROWN	% AC. GROWN	ACRES TREATED	LBS AI RFF	PERCENT TREATED	PERCENT CROP	PERCENT CROP	ACRE TREATMENTS	LBS AI APPLIED	RATE	% CROP TREATED	% CROP TREATED	% CROP TREATED
			CENSUS	in using	RFF		NCFAP-92	DOANE	DOANE	DOANE	DOANE	DOANE	DOANE	DOANE	DOANE
			All States	States											
069001		LOTS/FARMSTEAD/ OTHER	0	0	0	0	0	0	0	0	0	0.00	0	0	0
069001		COLE CROPS	282767	0.0	0	0	0.0	0.4	0	1000	0	0.00	0.0	0.0	0.0
069001		GRAPEVINES	0	0	0	0	0	0	0	7000	0	0.00	0	0	0
069001		TOMACCO	784770	0.0	0	0	0.0	0.1	0	2000	0	0.00	0.1	0.1	0.0
069001	13011AA	LEAFY VEGETABLE	74709	0.0	0	0	0.0	26.8	0	27000	0	0.00	0.0	0.0	0.0
069001	13013AA	LETTUCE	272242	0.0	0	0	0.0	2.2	0	4000	0	0.00	0.7	0.7	1.1
*** Total ***					0	0									