

Concentrations (ppb) of pesticide residues in foods from Total Diet Study in Ottawa, 1995

Pesticide	Food code	Description	MRL* (ppm)	Concentration (ppb)	% of MRL
Anilazine	K05	Tea		0.26	
Azinphos-methyl	F04	Cake		1.84	
	H02	Apple sauce, canned, sweetened		0.50	
	H03	Apples, raw	2	21.37	1.1
	H05	Blueberries	2	1.62	< 0.1
	H06	Cherries	1	6.45	0.6
	H13	Peaches	2	1.39	< 0.1
	H14	Pears	2	248.25	12.4
	H17	Raisins		0.83	
	H18	Raspberries	2	71.34	3.6
	H19	Strawberries	1	1.08	0.1
Bromopropylate	G09	Corn		0.51	
	G10	Cucumbers		0.35	
	G14	Peas		0.27	
	H08	Citrus juice, frozen		2.12	
	H17	Raisins	10	24.57	0.2
	J02	Candy, suckers		0.35	
	E03	Soups, tomato, canned		1.19	
Captan	F14	Pancake		8.46	
	F19	Rice		2.27	
	G08	Celery		8.81	
	G11	Lettuce		71.11	
	G16	Potatoes, raw		3.30	
	G18	Potatoes, boiled, skins on		0.52	
	G23	Tomatoes	5	1.13	< 0.1
	H05	Blueberries	5	162.38	3.2
	H06	Cherries	5	0.89	< 0.1
	H13	Peaches	5	32.73	0.7
	H17	Raisins		47.50	
	H18	Raspberries	5	649.68	13.0
	H19	Strawberries	5	11.28	0.2
	L01	Cereals		3.60	
Chlordane, α -	J06	Peanut butter and peanuts		0.44	
Chlordane, γ -	J06	Peanut butter and peanuts		0.29	
Chlorfenvinphos	G21	Rutabagas or turnip		2.52	
Chlorothalonil	F18	Pie, other		0.45	
Chlorpropham	H05	Blueberries	0.6	6.06	1.0
	F20	Rolls and English muffins		0.40	
	G15	Peppers		0.25	
	G16	Potatoes, raw	15	8.99	< 0.1
	G17	Potatoes, baked	15	5.95	< 0.1
	G18	Potatoes, boiled, skins on	15	1.93	< 0.1
	G20	Potatoes, chips		1.19	
	N02	French fries		0.53	
Chlorpyrifos	F02	Bread, whole wheat		0.87	
	F03	Bread, rye		0.67	

	F09	Cookies		0.35	
	F10	Crackers		0.65	
	F11	Danish and donuts		3.76	
	F20	Rolls and English muffins		0.36	
	H17	Raisins		3.41	
	J01	Candy, chocolate bars		1.92	
	J05	Jams		0.41	
	J06	Peanut butter and peanuts		2.68	
	L07	Fruit		0.50	
Coumaphos		not detected in any foods			
Dacthal		not detected in any foods			
DDE, p,p'-	F09	Cookies		0.45	
	F11	Danish and donuts		0.31	
	F14	Pancake		0.25	
	F15	Pasta, mixed dishes		0.32	
	F20	Rolls and English muffins		0.44	
	G08	Celery	0.5	1.83	0.4
	G10	Cucumbers	0.5	0.31	< 0.1
	G12	Mushrooms, canned		0.25	
	G15	Peppers	0.5	0.38	< 0.1
	G16	Potatoes, raw	0.5	1.65	0.3
	G17	Potatoes, baked		0.63	
	G18	Potatoes, boiled, skins on		1.68	
	G19	Potatoes, boiled, without skins		0.25	
	G20	Potatoes, chips		0.48	
	H06	Cherries		0.51	
	H11	Grapes		1.31	
	H17	Raisins		2.29	
	H18	Raspberries		0.31	
	H19	Strawberries		0.33	
	J01	Candy, chocolate bars		0.97	
	J06	Peanut butter and peanuts		3.53	
DDT, p,p'-	F09	Cookies		0.44	
	G08	Celery	0.5	0.51	0.1
	H17	Raisins		0.89	
	H18	Raspberries		0.25	
	H19	Strawberries		0.38	
Diazinon	J01	Candy, chocolate bars		3.45	
	F01	Bread, white		0.56	
	F02	Bread, whole wheat		0.89	
	F03	Bread, rye		0.60	
	F04	Cake		1.08	
	F06	Cereals, corn		1.98	
	F11	Danish and donuts		0.56	
	F20	Rolls and English muffins		0.53	
	G04	Broccoli	0.75	0.39	< 0.1
	G06	Carrots	0.75	0.70	< 0.1
	G08	Celery	0.75	1.58	0.2
	G10	Cucumbers	0.5	0.41	< 0.1
	G14	Peas		1.36	

	G17	Potatoes, baked		0.32	
	H06	Cherries	0.75	0.26	< 0.1
	H18	Raspberries		4.45	
Dicloran	G11	Lettuce	10	1.12	< 0.1
	H13	Peaches	15	507.46	3.4
	H14	Pears		0.62	
	H16	Plums, dried prune, and canned plums	5	93.87	1.9
	L07	Fruit		200.21	
Dicofol	F11	Danish and donuts		1.07	
	H03	Apples, raw	3	1.21	< 0.1
	H08	Citrus juice, frozen		0.90	
	H11	Grapes	3	0.70	< 0.1
	H12	Melons	3	8.73	0.3
	H17	Raisins		6.86	
	H19	Strawberries	3	120.16	4.0
	J05	Jams		1.12	
	L07	Fruit		0.43	
Dieldrin	G02	Beans		0.42	
	G10	Cucumbers		7.49	
	G20	Potatoes, chips		0.72	
	H18	Raspberries		0.26	
	H19	Strawberries		0.44	
	J01	Candy, chocolate bars		0.47	
	J06	Peanut butter and peanuts		1.23	
Dimethoate	not detected in any foods				
Disulfoton	not detected in any foods				
Endosulfan I	G10	Cucumbers	1	8.25	0.8
	G15	Peppers	1	4.95	0.5
	G22	Tomato juice, canned		1.01	
	H12	Melons	1	0.92	< 0.1
	H13	Peaches	2	0.62	< 0.1
	H16	Plums, dried prune, and canned plums	2	0.40	< 0.1
	H17	Raisins		0.40	
	H19	Strawberries	1	0.48	< 0.1
	J01	Candy, chocolate bars		0.74	
	J05	Jams		4.92	
Endosulfan II	G10	Cucumbers	1	4.00	0.4
	G15	Peppers	1	3.82	0.4
	G22	Tomato juice, canned		1.06	
	G23	Tomatoes	1	0.28	< 0.1
	G24	Tomatoes/sauce, canned and ketchup		0.27	
	H02	Apple sauce, canned, sweetened		0.26	
	H03	Apples, raw	2	0.26	< 0.1
	H06	Cherries	2	0.35	< 0.1
	H11	Grapes	1	0.29	< 0.1
	H12	Melons	1	0.86	< 0.1
	H13	Peaches	2	2.44	0.1
	H16	Plums, dried prune, and canned plums	2	0.48	< 0.1
	H17	Raisins		0.42	

	H18	Raspberries		0.51	
	H19	Strawberries	1	1.17	0.1
	J01	Candy, chocolate bars		0.34	
	J05	Jams		5.28	
Endosulfan sulfate	G02	Beans	1	0.66	< 0.1
	G05	Cabbage	2	0.70	< 0.1
	G07	Cauliflower	1	0.56	< 0.1
	G10	Cucumbers	1	16.29	1.6
	G15	Peppers	1	1.93	0.2
	G16	Potatoes, raw		0.86	
	G17	Potatoes, baked		0.29	
	G18	Potatoes, boiled, skins on		0.49	
	G20	Potatoes, chips		0.32	
	G22	Tomato juice, canned		0.34	
	H03	Apples, raw	2	0.51	< 0.1
	H06	Cherries	2	0.46	< 0.1
	H12	Melons	1	8.25	0.8
	H13	Peaches	2	5.73	0.3
	H16	Plums, dried prune, and canned plums	2	8.03	0.4
	H19	Strawberries	1	2.56	0.3
	J01	Candy, chocolate bars		0.40	
	J05	Jams		2.64	
	J06	Peanut butter and peanuts		0.49	
Endrin	N02	French fries		0.43	
	H02	Apple sauce, canned, sweetened		0.61	
	H05	Blueberries		0.45	
Ethion	J05	Jams		0.84	
Fensulfothion	not detected in any foods				
Fenthion	not detected in any foods				
Fonofos	J06	Peanut butter and peanuts		0.70	
HCB	J06	Peanut butter and peanuts		0.30	
HCH, α -	F09	Cookies		1.38	
	J01	Candy, chocolate bars		1.11	
	J06	Peanut butter and peanuts		0.34	
HCH, β -	J01	Candy, chocolate bars		0.50	
	J06	Peanut butter and peanuts		2.65	
HCH, γ -	F02	Bread, whole wheat		0.26	
	F09	Cookies		3.71	
	F16	Pasta, plain		0.61	
	J01	Candy, chocolate bars		8.35	
Heptachlor	not detected in any foods				
Heptachlor epoxide	G10	Cucumbers		0.26	
	J06	Peanut butter and peanuts		0.31	
Iprodione	F11	Danish and donuts		5.93	
	H06	Cherries	5	106.34	2.1
	H11	Grapes	10	9.89	< 0.1
	H13	Peaches	10	25.98	0.3
	H16	Plums, dried prunes, and canned plums	2	134.19	6.7
	H17	Raisins	60	8.71	< 0.1

	H19	Strawberries	5	53.30	1.1
	J05	Jams		32.73	
	L07	Fruit		65.71	
Linuron		not detected in any foods			
Malathion	F01	Bread, white	2	4.00	0.2
	F02	Bread, whole wheat	2	16.52	0.8
	F03	Bread, rye	2	10.76	0.5
	F04	Cake		1.59	
	F05	Cereals, cooked wheat		0.61	
	F07	Cereals, oatmeal		0.25	
	F08	Cereals, wheat and bran		2.77	
	F09	Cookies		10.41	
	F10	Crackers		16.42	
	F11	Danish and donuts		3.36	
	F12	Flour, wheat	2	1.79	< 0.1
	F13	Muffins		2.18	
	F14	Pancakes		21.71	
	F15	Pasta, mixed dishes		13.86	
	F16	Pasta, plain		2.77	
	F17	Pie, apple		0.53	
	F18	Pie, other		1.41	
	F19	Rice		7.64	
	F20	Rolls and English muffins		18.81	
	G14	Peas	0.5	0.33	< 0.1
	H05	Blueberries	8	5.70	< 0.1
	H17	Raisins	8	7.37	< 0.1
	H19	Strawberries	8	16.44	0.2
	M01	Popcorn (microwave)		5.00	
Methidathion	H08	Citrus juice, frozen		2.16	
Methoxychlor	F10	Crackers		6.36	
	F15	Pasta, mixed dishes		0.67	
	H03	Apples, raw	14	129.33	0.9
	H06	Cherries	14	9.38	< 0.1
Methyl parathion	H13	Peaches		13.67	
Monolinuron		not detected in any foods			
Oxychlorane		not detected in any foods			
Phorate		not detected in any foods			
Phorate sulfone		not detected in any foods			
Phosalone	F04	Cake		2.92	
	H02	Apple sauce, canned, sweetened		36.03	
	H03	Apples, raw	5	0.69	< 0.1
	H06	Cherries	6	15.31	0.3
	L07	Fruit		2.03	
Phosmet	F18	Pie, other		2.50	
	G14	Peas		0.36	
	H05	Blueberries	5	8.12	0.2
Procymidone	F11	Danish and donuts		1.09	
	G12	Mushrooms, canned		31.90	
	H17	Raisins	25	48.15	0.2
Quintozene	J06	Peanut butter and peanuts		0.79	

Simazine	H05	Blueberries		10.90	
	H15	Pineapple, canned		0.48	
TDE, o,p'-	G12	Mushrooms, canned		0.29	
	J01	Candy, chocolate bars		0.30	
TDE, p,p'-	F09	Cookies		0.46	
	J01	Candy, chocolate bars		1.52	
Tecnazene		not detected in any foods			
Terbuphos		not detected in any foods			
Tetrachlorvinphos		not detected in any foods			
Tetradifon	G12	Mushrooms, canned		0.31	
Triadimefon		not detected in any foods			
Trifluralin	G04	Broccoli		3.49	
	G06	Carrots	0.5	0.28	< 0.1
	G07	Cauliflower		1.21	
	G10	Cucumbers		0.37	
	G16	Potatoes, raw		0.94	
	G18	Potatoes, boiled, skins on		0.49	
	J06	Peanut butter and peanuts		0.27	
Vinclozolin	H17	Pie, apple		66.18	
	H18	Pie, other		0.59	
	H19	Rice		8.03	
	J05	Jams		1.86	
	L07	Fruit		0.30	

*MRL: Maximum Residue Limit, from Food and Drug Act and Regulations