

Concentrations (ppb) of pesticide residues in foods from Total Diet Study in Winnipeg, 1994

Pesticide	Food code	Description	MRL* (ppm)	Concentration (ppb)	% of MRL	
Azinphos-methyl	H03	Apple, raw	2	22.93	1.1	
	H06	Cherries	1	0.29	< 0.1	
	H13	Peaches	2	94.17	4.7	
	H14	Pears	2	123.85	6.2	
	L02	Desserts		1.03		
	L07	Fruit		0.43		
Captan	F06	Cereals, corn		1.52		
	F08	Cereals, wheat and bran		2.12		
	F09	Cookies		3.96		
	F15	Pasta, mixed dishes		2.68		
	G11	Lettuce		7.36		
	G14	Peas		11.65		
	G15	Peppers		3.71		
	H03	Apple, raw	5	5.09	0.1	
	H05	Blueberries	5	45.15	0.9	
	H06	Cherries	5	0.55	< 0.1	
	H12	Melons		0.41		
	H13	Peaches	5	1.51	< 0.1	
	H19	Strawberries	5	33.11	0.7	
	L01	Cereals		1.79		
L02	Desserts		0.49			
Chlordane, α -	G10	Cucumbers		1.56		
	G10	Cucumbers		1.55		
Chlordane, γ -		not detected in any foods				
Chlorfenvinphos		not detected in any foods				
Chlorpropham	F01	Bread, white		0.36		
	F11	Danish and donuts		0.26		
	F20	Rolls and English muffins		0.28		
	G03	Beets		0.25		
	G04	Broccoli		8.33		
	G15	Peppers		0.69		
	G16	Potatoes, raw	15	8.1	< 0.1	
	G17	Potatoes, baked	15	5.47	< 0.1	
	G18	Potatoes, boiled, skins on	15	1.62	< 0.1	
	G20	Potatoes, chips		1.16		
	J01	Candy, chocolate bars		0.32		
	Chlorpyrifos	F02	Bread, whole wheat		0.3	
		F08	Cereals, wheat and bran		4.39	
		F10	Crackers		1.05	
		F13	Muffins		0.35	
		G04	Broccoli		0.28	
G21		Rutabagas or turnip		4.13		
H03		Apple, raw	1.5	0.31	< 0.1	
H16		Plums, dried prunes, and canned plums		0.26		
H17		Raisins		0.27		
J01		Candy, chocolate bars		1.39		
J05		Jams		3.96		

	J06	Peanut butter and peanuts		0.76	
	J10	Seeds, shelled		0.81	
	L07	Fruit		0.48	
Coumaphos	L07	Fruit		0.34	
Dacthal	G08	Celery		0.53	
	G11	Lettuce	2	0.27	< 0.1
DDE, p,p'-	F13	Muffins		0.27	
	F15	Pasta, mixed dishes		0.38	
	G02	Beans		0.52	
	G06	Carrots	0.5	3.31	0.7
	G08	Celery	0.5	0.87	0.2
	G15	Peppers	0.5	1.21	0.2
	G16	Potatoes, raw	0.5	11.29	2.3
	G17	Potatoes, baked		4.68	
	G18	Potatoes, boiled, skins on		4.23	
	G19	Potatoes, boiled, without skins		0.58	
	G20	Potatoes, chips		11.08	
	H11	Grapes		1.94	
	H12	Melons		0.27	
	H16	Plums, dried prunes, and canned plums		0.63	
	H17	Raisins		0.67	
	J01	Candy, chocolate bars		0.94	
	J06	Peanut butter and peanuts		4.46	
	J10	Seeds, shelled		0.27	
	L07	Fruit		0.29	
DDT, p,p'-	G16	Potatoes, raw	0.5	1.09	0.2
	G17	Potatoes, baked		0.66	
	G18	Potatoes, boiled, skins on		0.31	
	G20	Potatoes, chips		0.31	
Diazinon	F01	Bread, white		0.33	
	F02	Bread, whole wheat		0.66	
	F03	Bread, rye		1.23	
	F10	Crackers		0.91	
	F13	Muffins		0.28	
	F14	Pancakes		0.37	
	F16	Pasta, Plain		1.35	
	F20	Rolls and English muffins		1.41	
	G14	Peas		0.27	
	G15	Peppers	0.75	0.29	< 0.1
	G16	Potatoes, raw		0.37	
	H06	Cherries	0.75	0.78	0.1
	H18	Raspberries		0.25	
	M01	Popcorn (microwave)		1.3	
Dicloran	G06	Carrots	5	0.76	< 0.1
	G08	Celery	10	0.6	< 0.1
	G10	Cucumbers	0.5	13.89	2.8
	G11	Lettuce	10	0.25	< 0.1
	G23	Tomatoes	5	0.26	< 0.1
	H01	Apple, juice, canned		5.94	
	H03	Apple, raw		6.31	

	H05	Blueberries		17.41	
	H13	Peaches	15	2557.92	17.1
	H14	Pears		6.84	
	H16	Plums, dried prunes, and canned plums	5	9.07	0.2
	H17	Raisins		2.85	
	L07	Fruit		0.86	
Dicofol	F02	Bread, whole wheat		0.6	
	F03	Bread, rye		1.88	
	F09	Cookies		0.65	
	F11	Danish and donuts		0.57	
	F13	Muffins		1.86	
	F20	Rolls and English muffins		0.27	
	H11	Grapes	3	0.49	< 0.1
	H17	Raisins		9.46	
	H19	Strawberries	3	891.36	29.7
	J02	Candy, suckers		1.25	
Dieldrin	G02	Beans		0.25	
	G03	Beets		0.52	
	G05	Cabbage		0.31	
	G07	Cauliflower		0.39	
	G10	Cucumbers		10.49	
	G17	Potatoes, baked		0.25	
	G20	Potatoes, chips		0.45	
	H12	Melons		0.99	
	H19	Strawberries		0.67	
	J01	Candy, chocolate bars		0.67	
	J06	Peanut butter and peanuts		0.44	
Endosulfan I	G04	Broccoli	2	3.93	0.2
	G10	Cucumbers	1	9.12	0.9
	G15	Peppers	1	0.54	< 0.1
	G22	Tomato juice, canned		0.43	
	G24	Tomatoes/sauce, canned and ketchup		0.27	
	H03	Apples, raw	2	0.66	< 0.1
	H05	Blueberries		1.71	
	H13	Peaches	2	1.09	< 0.1
	H16	Plums, dried prunes, and canned plums	2	0.52	< 0.1
	H19	Strawberries	1	2.53	0.3
	J01	Candy, chocolate bars		0.57	
	J05	Jams		0.6	
	L07	Fruit		0.97	
Endosulfan II	G04	Broccoli	2	8.24	0.4
	G10	Cucumbers	1	5.51	0.6
	G15	Peppers	1	1.29	0.1
	G22	Tomato juice, canned		0.45	
	G24	Tomatoes/sauce, canned and ketchup		0.82	
	H03	Apples, raw	2	1.79	< 0.1
	H05	Blueberries		1.19	
	H06	Cherries	2	0.53	< 0.1
	H13	Peaches	2	1.51	< 0.1
	H16	Plums, dried prunes, and canned plums	2	0.7	< 0.1

	H17	Raisins		0.32	
	H19	Strawberries	1	7.31	0.7
	J01	Candy, chocolate bars		0.37	
	J05	Jams		1.16	
Endosulfan sulfate	L07	Fruit		1.89	
	F17	Pie, apple		0.95	
	G04	Broccoli	2	6.48	0.3
	G05	Cabbage	2	0.4	< 0.1
	G10	Cucumbers	1	31.13	3.1
	G15	Peppers	1	0.39	< 0.1
	G16	Potatoes, raw		0.42	
	G17	Potatoes, baked		0.48	
	G20	Potatoes, chips		0.36	
	G24	Tomatoes/sauce, canned and ketchup		0.35	
	H03	Apples, raw	2	2.62	0.1
	H06	Cherries	2	0.96	< 0.1
	H12	Melons	1	3.62	0.4
	H13	Peaches	2	1.83	< 0.1
	H14	Pears	2	0.48	< 0.1
	H16	Plums, dried prunes, and canned plums	2	5.79	0.3
	H17	Raisins		0.17	
	H19	Strawberries	1	13.33	1.3
	J01	Candy, chocolate bars		0.59	
	J05	Jams		1.38	
	J06	Peanut butter and peanuts		0.4	
Ethion	L07	Fruit		1.47	
	H08	Citrus juice, frozen		0.52	
	H09	Citrus juice, canned		1.01	
	J05	Jams		3.32	
Fonofos		not detected in any foods			
HCB	G20	Potatoes, chips		0.44	
HCH, α -	F09	Cookies		0.46	
	J01	Candy, chocolate bars		0.95	
	J06	Peanut butter and peanuts		2.99	
HCH, β -	J01	Candy, chocolate bars		0.71	
	J06	Peanut butter and peanuts		10.45	
	J10	Seeds, shelled		0.34	
HCH, γ -	F02	Bread, whole wheat		0.33	
	F03	Bread, rye		0.31	
	F09	Cookies		0.48	
	J01	Candy, chocolate bars		8.96	
	J06	Peanut butter and peanuts		0.67	
Heptachlor		not detected in any foods			
Heptachlor epoxide	G10	Cucumbers		1.32	
Malathion	E03	Soups, tomato, canned		1.02	
	E04	Soups, dehydrated		0.62	
	F01	Bread, white	2	4.86	0.2
	F02	Bread, whole wheat	2	18.55	0.9
	F03	Bread, rye	2	5.17	0.3
	F04	Cake	2	0.78	< 0.1

	F05	Cereals, cooked wheat		0.37	
	F07	Cereals, oatmeal		0.47	
	F08	Cereals, wheat and bran		13.38	
	F09	Cookies		13.57	
	F10	Crackers		24.65	
	F11	Danish and donuts		18.61	
	F12	Flour, wheat	2	4.35	0.2
	F13	Muffins		20.62	
	F14	Pancakes		5.8	
	F15	Pasta, mixed dishes		1.87	
	F16	Pasta, plain		1.8	
	F17	Pie, apple		17.7	
	F18	Pie, other		11.33	
	F20	Rolls and English muffins		14.5	
	H05	Blueberries	8	0.28	< 0.1
	H16	Plums, dried prunes, and canned plums	8	0.33	< 0.1
	H18	Raspberries	8	0.57	< 0.1
	H19	Strawberries	8	17.11	0.2
	J01	Candy, chocolate bars		15.82	
	J05	Jams		0.55	
	L01	Cereals		13.18	
	M01	Popcorn (microwave)		9.06	
Methidation	G08	Celery		2.89	
	G15	Peppers		0.38	
	H07	Citrus fruit, raw	2	0.33	< 0.1
	H08	Citrus juice, frozen		1.47	
Oxychlorane	J02	Candy, suckers		0.83	
	H05	Blueberries		1.69	
	H13	Peaches		0.32	
	M01	Popcorn (microwave)		0.67	
Parathion		not detected in any foods			
Phosalone	H03	Apple, raw	5	167.93	3.4
	H17	Raisins		0.45	
Phosmet	H13	Peaches	10	2.86	< 0.1
	H14	Pears	10	1.31	< 0.1
	M01	Popcorn (microwave)		20.69	
Procymidone	F13	Muffins		1.23	
Quintozene		not detected in any foods			
TDE, o,p'-	J06	Peanut butter and peanuts		0.32	
TDE, p,p'-	J01	Candy, chocolate bars		0.36	
	J06	Peanut butter and peanuts		0.28	
Tecnazene		not detected in any foods			
Trifluralin	F11	Danish and donuts		0.27	
	G04	Broccoli		6.65	
	G06	Carrots	0.5	8.57	1.7
	G10	Cucumbers		1.32	
	G15	Peppers		0.3	
	G16	Potatoes, raw		1.21	
	G17	Potatoes, baked		1.7	
	G18	Potatoes, boiled, skins on		1.09	

G20	Potatoes, chips	0.72
G21	Rutabagas or turnip	3.49
G24	Tomatoes/sauce, canned and ketchup	0.29
H11	Grapes	0.3
J06	Peanut butter and peanuts	0.28

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