

Table 3.1 Impact of EPA's Tolerance Decisions on Dietary Risk (Toxicity Index) for Risk-Driving Pesticide/Food Combinations in Domestic Samples

Active Ingredient	Food	Tolerance as of August 1996 (ppm)	Tolerance as of August 2000 (ppm)	TI Before EPA Action	Estimated TI After EPA Action	Percent Change in TI
parathion-methyl	Peaches	1	NT	1,534.8	0.0	-100.0%
chlorpyrifos-methyl	Wheat	6	6	754.5	754.5	0.0%
mevinphos	Lettuce	0.5	0.5	286.5	0.0	-100.0%
methamidophos	Green Beans, Fresh	0.02	0.02	284.9	284.9	0.0%
methomyl	Strawberries, Fresh	2	2	243.0	243.0	0.0%
permethrin	Spinach, Canned	20	20	176.7	176.7	0.0%
methamidophos	Green Beans, Canned/Frozen	0.02	0.02	169.1	169.1	0.0%
oxamyl	Celery	3	3	166.1	166.1	0.0%
iprodione	Peaches	20	20	153.4	153.4	0.0%
azinphos-methyl	Pears	2	1.5	130.4	130.4	0.0%
parathion-methyl	Pears	1	NT	127.6	0.0	-100.0%
permethrin	Spinach, Fresh	20	20	122.1	122.1	0.0%
diphenylamine	Apples	10	10	120.0	120.0	0.0%
dicofol	Grapes	5	5	116.5	116.5	0.0%
formetanate HCL	Peaches	5	5	108.8	108.8	0.0%
dicofol	Strawberries, Fresh	5	5	101.2	101.2	0.0%
methamidophos	Tomatoes	1	1	87.9	87.9	0.0%
chlorpyrifos	Apples	1.5	0.01	87.1	3.8	-95.7%
parathion-methyl	Green Beans, Canned/Frozen	1	NT	81.3	0.0	-100.0%
azinphos-methyl	Apples	2	1.5	80.7	80.7	0.0%
parathion-methyl	Apples	1	NT	73.9	0.0	-100.0%
oxydemeton-methyl	Green Beans, Fresh	0.5	0.5	63.0	63.0	0.0%
methomyl	Grapes	5	5	61.2	61.2	0.0%
acephate	Green Beans, Fresh	3	3	60.0	60.0	0.0%
iprodione	Strawberries, Fresh	15	15	57.3	57.3	0.0%
acephate	Celery	10	10	47.9	47.9	0.0%
methomyl	Strawberries, Frozen	2	2	46.2	46.2	0.0%
mevinphos	Spinach, Fresh	1	1	40.5	0.0	-100.0%
methamidophos	Celery	1	1	40.2	40.2	0.0%
fenpropathrin	Strawberries, Fresh	NT	2	36.6	36.6	0.0%
chlorpropham	Potatoes	50	50	36.1	36.1	0.0%
imazaill	Oranges	10	10	34.5	34.5	0.0%

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phorate	Potatoes	0.5	0.5	31.3	31.3	0.0%
acephate	Green Beans, Canned/Frozen	0.02	0.02	31.1	31.1	0.0%
methomyl	Spinach, Fresh	6	6	30.4	30.4	0.0%
oxamyl	Winter Squash, Fresh	2	2	29.2	29.2	0.0%
dicofol	Strawberries, Frozen	5	5	29.0	29.0	0.0%
oxydemeton-methyl	Green Beans, Canned/Frozen	0.5	0.5	26.9	26.9	0.0%
dimethoate	Spinach, Fresh	2	2	25.6	25.6	0.0%
parathion-methyl	Grapes	1	NT	24.9	0.0	-100.0%
parathion	Spinach, Canned	1	1	22.2	22.2	0.0%
carbaryl	Strawberries, Frozen	10	10	21.0	21.0	0.0%
dicofol	Apples	5	5	19.9	19.9	0.0%
captan	Strawberries, Fresh	25	25	18.7	18.7	0.0%
iprodione	Strawberries, Frozen	15	15	17.8	17.8	0.0%
carbaryl	Peaches	10	10	17.4	17.4	0.0%
phosmet	Peaches	10	10	16.7	16.7	0.0%
endosulfan	Green Beans, Fresh	2	2	16.3	16.3	0.0%
benomyl	Strawberries, Fresh	5	5	16.2	16.2	0.0%
2-phenylphenol	Pears	25	25	15.8	15.8	0.0%
propargite	Apples	3	NT	15.3	0.0	-100.0%
methomyl	Lettuce	5	5	15.3	15.3	0.0%
phosmet	Pears	10	10	14.6	14.6	0.0%
dicloran	Sweet Potatoes	10	10	14.6	14.6	0.0%
thiabendazole	Apples	10	10	13.3	13.3	0.0%
chlorpyrifos	Tomatoes	0.5	NT	13.3	0.0	-100.0%
carbaryl	Strawberries, Fresh	10	10	13.1	13.1	0.0%
dimethoate	Lettuce	2	2	13.0	13.0	0.0%
fenpropathrin	Strawberries, Frozen	NT	2	12.8	12.8	0.0%
azinphos-methyl	Peaches	2	2	12.4	12.4	0.0%
mevinphos	Celery	1	1	12.2	0.0	-100.0%
dimethoate	Green Beans, Fresh	2	2	12.0	12.0	0.0%
dicloran	Peaches	20	20	11.9	11.9	0.0%
dicofol	Pears	5	5	11.3	11.3	0.0%

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propargite	Peaches	7	NT	10.9	0.0	-100.0%
oxamyl	Pears	2	2	10.7	10.7	0.0%
chlorpyrifos	Grapes	0.5	0.01	10.6	1.1	-89.2%
chlorpyrifos	Oranges	1	1	10.5	10.5	0.0%
oxamyl	Apples	2	2	10.5	10.5	0.0%
thiabendazole	Pears	10	10	9.8	9.8	0.0%
chlorpyrifos	Sweet Potatoes	0.05	0.05	9.4	9.4	0.0%
chlorpyrifos	Wheat	1.5	1.5	9.3	9.3	0.0%
vinclozolin	Strawberries, Fresh	10	10	8.3	8.3	0.0%
methamidophos	Lettuce	1	1	7.6	7.6	0.0%
mevinphos	Apples	0.5	NT	7.6	0.0	-100.0%
permethrin	Lettuce	20	20	7.5	7.5	0.0%
dicloran	Celery	15	15	7.5	7.5	0.0%
chlorpyrifos	Soybean Grain	0.3	0.3	7.3	7.3	0.0%
chlorothalonil	Celery	15	15	7.3	7.3	0.0%
dimethoate	Sweet Peas, Processed	2	2	7.1	7.1	0.0%
anilazine	Strawberries, Fresh	10	NT	7.0	0.0	-100.0%
formetanate HCL	Oranges	4	4	6.8	6.8	0.0%
dicofol	Cantaloupe	5	5	6.8	6.8	0.0%
malathion	Wheat	8	8	6.7	6.7	0.0%
benomyl	Strawberries, Frozen	5	5	6.4	6.4	0.0%
methomyl	Green Beans, Fresh	2	2	6.2	6.2	0.0%
iprodione	Grapes	60	60	5.9	5.9	0.0%
chlorpyrifos	Peaches	0.05	0.05	5.8	5.8	0.0%
bifenthrin	Strawberries, Fresh	3	3	5.7	5.7	0.0%
methomyl	Peaches	5	5	5.2	5.2	0.0%
endosulfan	Lettuce	2	2	5.1	5.1	0.0%
linuron	Carrots	1	1	5.1	5.1	0.0%
			Totals	6,339.6	4,011.0	-36.7%