

**Calculation of the amount of food that can be consumed daily by individual, as a function of their weight and the concentration of contaminants in the food.**

	<b>lbs</b>	<b>Kg</b>	<b>Formula</b>
<b>Person's weight</b>	155	70	[weight (kg) = weight (lbs)/2.2 kg/lb]
<b>Contaminant</b>	<b>Allowable daily intake (ADI) (µg/kg body wt per day)</b>	<b>Allowable daily dose (µg per day) for person with weight shown above</b>	<b>Formula</b>
ΣDDTs	20.0	1409	ADI (µg/kg b.w. per day) x person's weight (kg)
ΣPCBs	1.0	70	
HCB	0.27	19	
ΣChlordanes	0.05	4	
Dieldrin	0.10	7	
Mirex	0.07	5	
<b>Contaminant</b>	<b>Concentration µg/kg (ppb)</b>	<b>Amount of food (g) that can be consumed daily by person of weight shown above</b>	<b>Formula</b>
ΣDDTs	450	3131	allowable daily dose (µg per day) x 1000g/kg / contaminant conc (µg/kg)
ΣPCBs	970	73	
HCB	350	54	
ΣChlordanes	340	10	
Dieldrin	160	44	
Mirex	10	493	