

Table 2.1 Safety Factors and Population Adjusted Doses (cPAD and aPAD) for Organophosphate Insecticides Reassessed Under the FQPA

Chemical	Pre-FQPA cRfD	Post-FQPA cRfD	Chronic						Acute					
			cPAD	3-X	10-X	SF	Extra SF	Total SF	aRfD	aPAD	3-X	10-X	SF	Total SF
acephate	0.004	0.0012	0.0012	No	No	100	1	100	0.005	0.005	No	No	100	100
azinphos-methyl	0.0015	0.0015	0.0015	No	No	100	1	100	0.003	0.003	No	No	300	300
bensulide	0.0066	0.005	0.005	No	No	100	1	100	0.15	0.15	No	No	100	100
cadusafos		0.000009	0.000003	Yes	No	100	1	300	0.0002	0.00007	Yes	No	100	300
chlorethoxyfos	0.0006	0.0006	0.0006	No	No	100	1	100	0.0006	0.0006	No	No	100	100
chlorpyrifos	0.003	0.0003	0.00003	No	Yes	100	1	1000	0.005	0.0005	No	Yes	100	1000
chlorpyrifos-methyl	0.01	0.001	0.0001	No	Yes	100	1	1000	0.01	0.001	No	Yes	100	1000
chlorthiophos				No	No						No	No		
coumaphos	0.00025	0.00025	0.00025	No	No	100	1	100	0.007	0.007	No	No	300	300
dialifor				No	No						No	No		
diazinon	0.00009	0.0007	0.0007	No	No	100	1	100	0.003	0.0025	No	No	100	100
dichlorvos	0.0005	0.00051	0.00017	Yes	No	100	1	300	0.002	0.0005	Yes	No	300	900
dicrotophos	0.0001	0.00002	0.000002	No	Yes	100	10	10000	0.0005	0.00005	No	Yes	1000	10000
dimethoate	0.0005	0.0005	0.0005	No	No	100	1	100	0.02	0.02	No	No	100	100
dioxathion				No	No						No	No		
disulfoton	0.0003	0.00013	0.00013	No	No	100	1	100	0.003	0.0025	No	No	100	100
ethion	0.0005	0.0005	0.0005	No	No	100	1	100	0.002	0.0017	No	No	30	30
ethoprophos	0.0001	0.0001	0.0001	No	No	100	1	100	0.0003	0.00025	No	No	100	100
fenamiphos	0.0001	0.0001	0.0001	No	No	100	1	100	0.001	0.0012	No	No	300	300
fenitrothion	0.0013	0.0013	0.0013	No	No	100	1	100	0.13	0.13	No	No	100	100
fenthion	0.0007	0.00007	0.00007	No	No	100	3	300	0.0007	0.0007	No	No	100	100
fonofos	0.002	0.002	0.002	No	No	100	1	100			No	No		
isofenphos	0.0005	0.00081	0.00027	Yes	No	100	1	300	0.006	0.002	Yes	No	300	900
malathion	0.02	0.024	0.024	No	No	100	1	100	0.5	0.5	No	No	100	100
methamidophos	0.001	0.0003	0.0001	Yes	No	100	3	900	0.003	0.001	Yes	No	100	300
methidathion	0.0015	0.0015	0.0015	No	No	100	1	100	0.002	0.002	No	No	100	100
mevinphos	0.00025	0.00025	0.000025	No	Yes	100	1	1000	0.009	0.003	Yes	No	100	300
monocrotophos	0.00005	0.00005	0.00005	No	No	100	1	100			No	No		

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			cPAD	3-X	10-X	SF	Extra SF	Total SF	aRfD	aPAD	3-X	10-X	SF	Total SF
naled	0.002	0.002	0.002	No	No	100	1	100	0.01	0.01	No	No	100	100
oxydemeton-methyl	0.0005	0.000125	0.000125	No	No	100	1	100	0.008	0.008	No	No	300	300
parathion	0.00033	0.00003	0.00003	No	No	100	3	300	0.0003	0.00025	No	No	100	100
parathion-methyl	0.00025	0.0002	0.00002	No	Yes	100	1	1000	0.001	0.00011	No	Yes	100	1000
phorate	0.0005	0.00051	0.00017	Yes	No	100	1	300	0.002	0.00083	Yes	No	100	300
phosalone	0.0025	0.002	0.002	No	No	100	1	100	0.03	0.03	No	No	300	300
phosmet	0.011	0.011	0.011	No	No	100	1	100	0.045	0.045	No	No	100	100
phosphamidon	0.0002	0.0002	0.0002	No	No	100	3	300			No	No		
pirimiphos-methyl	0.01	0.00021	0.00007	Yes	No	100	10	3000	0.015	0.005	Yes	No	1000	3000
profenofos	0.00005	0.00005	0.00005	No	No	100	1	100	0.005	0.005	No	No	100	100
propetamphos	0.005	0.0005	0.0005	No	No	100	1	100	0.0005	0.0005	No	No	100	100
pyrazophos				No	No						No	No		
S,S,S-tributyl phosphorotrithioate	0.00003	0.001	0.0001	No	Yes	100	1	1000	0.01	0.001	No	Yes	100	1000
sulprofos	0.003	0.003	0.003	No	No	100	1	100			No	No		
TCMTB	0.004	0.004	0.004	No	No	100	10	1000			No	No		
tebupirifos	0.0002	0.0002	0.0002	No	No	100	1	100	0.002	0.002	No	No	300	300
temephos	0.0005	0.0005	0.0005	No	No	100	10	1000			No	No		
terbufos	0.00005	0.00005	0.00005	No	No	100	1	100	0.0003	0.0003	No	No	500	500
tetrachlorvinphos	0.0423	0.0423	0.0423	No	No	100	1	100	0.042	0.0423	No	No	100	100
tetraethyl pyrophosphate (TEPP)				No	No						No	No		
trichlorfon	0.002	0.002	0.0002	No	Yes	100	1	1000	0.1	0.01	No	Yes	100	1000