

TABLE 2.—ACUTE DIETARY EXPOSURE ASSESSMENT FOR DIMETHOMORPH (BAS 550 F)—Continued

Population	Exposure Estimate (mg/kg bwt/day)	%aRfD	%aPAD
Teens 13–19 years	0.07855	NA	NA
Females 13–49 years	0.07306	NA	NA
Males 20–49 years	0.06386	NA	NA
Adults 50 + years	0.07058	NA	NA

Results of the chronic and acute dietary exposure analysis demonstrate a reasonable certainty that no harm to the general U.S. population or any subpopulation would result from the use of dimethomorph on vegetables (fruiting, bulb, cucurbit), lettuce (leaf,

head), grapes (including raisins), potatoes, hops, grain, brassica (leafy greens), leaves of root and tuber vegetables, and taro root.
 ii. *Drinking water.* EPA's Pesticide Root Zone Model/Exposed Analysis Modeling System (PRZM/EXAMS) and Screening Concentration in

Groundwater (SCI-GROW) models were used to estimate the maximum dimethomorph concentrations in surface water and ground water, respectively. Results for the chronic drinking water assessment are listed in Table 3.

TABLE 3.—CHRONIC DRINKING WATER ASSESSMENT FOR DIMETHOMORPH

DWLOC chronic	Adult males 20–49	Adult females 13–49	Children 1–6 years	Children birth to 1
No effect level	9	9	9	9
Safety factor	100	100	100	100
RfD=	0.09	0.09	0.09	0.09
cPAD	0.09	0.09	0.09	0.09
A) Chronic food (mg/kg/day)	0.006853	0.007771	0.01512	0.007972
B) Residential (mg/kg/day)	0	0	0	0
water cPAD-(A+B)	0.08314700	0.10222900	0.07488000	0.08202800
DWLOC chronic µg/L	2910	3067	749	820
DEC's				
PRZM/EXAMS (EFED) surface water (µg/L)	12.65	12.65	12.65	12.65
Sci-Grow (EFED) ground water	0.26	0.26	0.26	0.26

2. *Aggregate exposure* (diet + water). The aggregate exposure of dimethomorph residues for food and

drinking water is summarized in Table 4 below. Currently dimethomorph (BAS 550 F) is not considered for residential

use and therefore residential exposure was not included in the aggregate exposure assessment.

TABLE 4.—AGGREGATE EXPOSURE OF DIMETHOMORPH (BAS 550 F)

Exposure	Infants (0–1 years)	Children (1–6 years)	Males (20–49 years)	Females (13–49 years)
FOOD				
Acute exposure (mg/kg bwt/day)	0.1736	0.1654	0.06386	0.07306
Chronic exposure (mg/kg bwt/day)	0.007972	0.01512	0.006853	0.007771
%aRfD and %aPAD	NA	NA	NA	NA
%cRfD and %cPAD	7.97	15.12	6.85	7.77
WATER				
Acute exposure (mg/kg/bwt)	0.001265	0.000843	0.000361	0.000402