

## Mean Kenaga Residues

Chemical Name:	Fomesafen
Use	Crop
Formulation	Reflex, liquid (?)
Application Rate	0.2 lbs a.i./acre
Half-life	35 days
Application Interval	365 days
Maximum # Apps./Year	1
Length of Simulation	1 year

## For Risk Description Purposes

Note that the ratio of exposure and effects endpoints are termed "RQs" in this output. Caution should be exercised in relating these values to the Agency Levels of Concern

Endpoints			
Avian	Mallard duck	LD50 (mg/kg-bw)	5000.00
	Bobwhite quail	LC50 (mg/kg-diet)	20000.00
	0	NOAEL (mg/kg-bw)	0.00
	Mallard duck	NOAEC (mg/kg-diet)	46.00
Mammals		LD50 (mg/kg-bw)	396.00
		LC50 (mg/kg-diet)	0.00
		NOAEL (mg/kg-bw)	12.50
		NOAEC (mg/kg-diet)	250.00

Dietary-based EECs (ppm)	Kenaga Values
Short Grass	17.00
Tall Grass	7.20
Broadleaf plants/sm Insects	9.00
Fruits/pods/seeds/lg insects	1.40

## Avian Results

Avian Class	Body Weight	% body wgt consumed	Adjusted LD50
Small	20	114	2596.13
Mid	100	65	3305.00
Large	1000	29	4668.44

Dose-based EEC (mg/kg-bw)	Avian Classes and Body Weights		
	small 20 g	mid 100 g	large 1000 g
Short Grass	19.38	11.05	4.93
Tall Grass	8.21	4.68	2.09
Broadleaf plants/sm Insects	10.26	5.85	2.61
Fruits/pods/lg insects	1.60	0.91	0.41

Dose-based RQs (Dose-based EEC/LD50)	Avian Acute "RQs"		
	20 g	100 g	1000 g
Short Grass	0.01	0.00	0.00
Tall Grass	0.00	0.00	0.00
Broadleaf plants/sm insects	0.00	0.00	0.00
Fruits/pods/lg insects	0.00	0.00	0.00

Dietary-based RQs (Dietary-based EEC/LC50 or NOAEC)	"RQs"	
	Acute	Chronic
Short Grass	0.00	0.37
Tall Grass	0.00	0.16
Broadleaf plants/sm Insects	0.00	0.20
Fruits/pods/lg insects	0.00	0.03

**Mammalian Results**

Mammalian Class	Body Weight	% body wgt consumed	Adjusted LD50	Adjusted NOAEL
	15	95	870.34	27.47
Herbivores/ insectivores	35	66	704.20	22.23
	1000	15	304.59	9.61
Grainvores	15	21	870.34	27.47
	35	15	704.20	22.23
	1000	3	304.59	9.61

Dose-based EEC (mg/kg-bw)	Mammalian Classes and Body weight					
	Herbivores/ insectivores			Granivores		
	15 g	35 g	1000 g	15 g	35 g	1000 g
Short Grass	16.15	11.22	2.55			
Tall Grass	6.84	4.75	1.08			
Broadleaf plants/sm insects	8.55	5.94	1.35			
Fruits/pods/seeds/lg insects	1.33	0.92	0.21	0.29	0.21	0.04

Dose-based RQs (Dose-based EEC/LD50 or NOAEL)	15 g mammal		35 g mammal		1000 g mammal	
	Acute	Chronic	Acute	Chronic	Acute	Chronic
	Short Grass	0.02	0.59	0.02	0.50	0.01
Tall Grass	0.01	0.25	0.01	0.21	0.00	0.11
Broadleaf plants/sm insects	0.01	0.31	0.01	0.27	0.00	0.14
Fruits/pods/lg insects	0.00	0.05	0.00	0.04	0.00	0.02
Seeds (granivore)	0.00	0.01	0.00	0.01	0.00	0.00

Dietary-based "RQs" (EEC/LC50 or NOAEC)	Mammal "RQs"	
	Acute	Chronic
	Short Grass	#DIV/0!
Tall Grass	#DIV/0!	0.03
Broadleaf plants/sm insects	#DIV/0!	0.04
Fruits/pods/seeds/lg insects	#DIV/0!	0.01

**Terrestrial Residues Graph**

