

# LD50 Tests

## Agrogreen® Canada

Document generated: Saturday, May 16, 2009

### LD 50 TEST

Name of Sample: AGROGREEN FERTILIZER - Concentrate (A dilution of 10 times water) 10% solution

Dosage: 0.25 ml/20g Mouse

Mice used: Swiss Albino

Route of Administration: Oral

Observations

No.	Wt.(g)	Dose	Time	1st Day	2nd Day	3rd Day	4th Day	5th Day
1	27	0.34ml	11:05	Quiet for about 30 mins.	All appeared normal	All appeared normal	All appeared normal	No deaths on 5th day.
2	28	0.35ml						
3	29	0.36ml						
4	27	0.34ml						
5	28	0.35ml						
6	27	0.34ml						
7	28	0.35ml						
8	27	0.34ml						
9	28	0.35ml						
10	27	0.34ml						
11	28	0.35ml						
12	24	0.30ml						
13	28	0.35ml						
14	27	0.34ml						
15	28	0.35ml						
16	26	0.33ml						
17	28	0.35ml						
18	28	0.35ml						
19	27	0.34ml						
20	26	0.33ml	11:30					
Avg.	27.3	(24-29)g						

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### LD 50 TEST

Name of sample: AGROGREEN FERTILIZER - Concentrate ( A dilution of 10 times with water) 10% solution

Dosage: 0.1 ml/20g Mouse

Mice used: Swiss Albino

Route of Administration: Dermal

Observations

No.	Wt.(g)	Dose	Time	1st Day	2nd Day	3rd Day	4th Day	5th Day
1	25	0.13ml	11:15	All were scratching at the site of injection for about 30 mins.	Four mice were scratching at the site of injection caused the skin to become reddish and hairless patchs.	The reddish patches formed crusts.	All appeared normal	No deaths on 5th day.
2	28	0.14ml						
3	27	0.14ml						
4	29	0.15ml						
5	25	0.13ml						
6	26	0.13ml						
7	26	0.13ml						
8	28	0.14ml						
9	25	0.13ml						
10	26	0.13ml						
11	29	0.15ml						
12	28	0.14ml						
13	29	0.15ml						
14	28	0.14ml						
16	28	0.14ml						
17	29	0.15ml						
18	27	0.14ml						
19	29	0.15ml						
20	29	0.15ml	11:35					
Avg.	27.4	(25-29g)						

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### LD 50 TEST

Mice used: Swiss Albino

Name of samples	10% Solution of AGROGREEN (A dilution of 10 times with water)		Water (Control)	
	Oral	Subcutaneous	Oral	Subcutaneous
Route of Administration:	Oral	Subcutaneous	Oral	Subcutaneous
Dosage:	0.25ml/20g Mouse	0.1ml/20g Mouse	0.25ml/20g Mouse	0.1ml/20g Mouse
Weight of mice (g)	24-29 (0.30-36ml)	25-29 (0.13-15ml)	25-29 (0.31-36ml)	24-29 (0.12-15ml)
Observations	All were quiet for about 30 mins.	All were scratching at the site of injection for about 30 mins. On the 2nd day, four mice developed reddish and hairless patches at the site of injection. On the 3rd day, the reddish patches formed crusts. On the 4th day, all appeared normal.	All appeared normal	All appeared normal
Results	No deaths on 5th day	No deaths on 5th day	No deaths on 5th day	No deaths on 5th day
No. of mice used	20	20	10	10

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### LD 50 TEST

Name of sample: AGROGREEN Water (Control)

Dosage: 0.1ml/20g Mouse

Mice used: Swiss Albino

Route of Administration: Dermal

No.	Wt.(g)	Dose	Time	Observations				
				1st day	2nd day	3rd day	4th day	5th day
1	28	0.14ml	11:30	All normal	All normal	All normal	All normal	No deaths on 5th day.
2	27	0.14ml						
3	28	0.14ml						
4	26	0.13ml						
5	27	0.14ml						
6	26	0.13ml						
7	27	0.14ml						
8	29	0.15ml						
9	24	0.12ml						
10	27	0.14ml						
Avg.	26.9	(24-29)						

Name of sample: AGROGREEN Water (Control)

Dosage: 0.25ml/20g Mouse

Route of Administration: Oral

No.	Wt.(g)	Dose	Time	Observations				
				1st day	2nd day	3rd day	4th day	5th day
1	27	0.34ml	11:35	All normal	All normal	All normal	All normal	No deaths on 5th day.
2	28	0.25ml						
3	25	0.31ml						
4	29	0.36ml						
5	28	0.35ml						
6	27	0.34ml						
7	29	0.36ml						
8	29	0.36ml						
9	28	0.35ml						
10	26	0.33ml						
Avg.	27.6	(25-29)						