

*Inclusion of Chemicals / Substances in the Schedule of the Insecticides Act*

Sr. #	File number and applicant's name	Common name and chemical name	Reference to Literature	Support on		Registration status in foreign countries
				Chemistry	Bioefficacy	
1	F.3-2/03 CIR-II  M/s Rallis India Ltd.	Pyraflufen-ethyl  Ethyl-2-chloro-5-(4-chloro-5-difluoromethoxy-1-methyl pyrazol-3-yl)-4-fluorophenoxy acetate	Figures in Pesticide Manual 12 <sup>th</sup> edition	Selective, post emergence, contact herbicide for controlling broad leaved weeds in wheat, barley, cotton, sunflower	Acute oral in rats LD50 > 5,000 mg / kg  Acute dermal to in rats : LD50 > 7,200 mg / kg	Japan, China  Hungary, Romania, Belgium and other European countries
	F.3-39/02 CIR-II  M/s Nagarjuna Agrichem Ltd., Hyderabad					
2	No.F.3-5/03 CIR-II  M/s Nagarjuna Agrichem Ltd., Hyderabad	Isoxaben  N-[3-(ethyl-1-methylpropyl)isoxazol-5-yl]-2,6-dimethoxybenzamine (CAS RN 82558-5-70)	Figures in Pesticide Manual 11 <sup>th</sup> edition	Selective, post emergence, herbicide for controlling broad leaf weeds in rice	Acute oral LD50 for rats & mice; > 10,000 mg / kg  Acute dermal LD50 for rabbits : > 2,000 mg / kg	USA,  Europe,  Japan
3	No.F.3-6/03 CIR-II  M/s Sumitomo Chemical India Pvt. Ltd., Mumbai	Imazosulfuron  1-(2-chlorolmidazol[1,2-a]pyridin-3-ylsulfonyl)-3-(4,6-dimethoxy-pyrimidin-2yl)	Figures in Pesticide Manual 10 <sup>th</sup> edition	Selective, pre emergence, herbicide for controlling broad	Acute oral LD50 for rats & mice; > 5,000 mg / kg  Acute dermal LD50 for	Japan,  Kenya,  Taiwan

		urea CAS RN[1225.18-33-8]		leaf weeds in winter rice	rats : > 2,000 mg / kg	
4	No.F.3-10/02 CIR-II  M/s Nagarjuna Agrichem Ltd., Hyderabad	Clothianidin  (E)-1(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine	Figures in  Pesticide  Manual 12 <sup>th</sup> edition	Insecticide  effective against  sucking insect- pests of cotton,paddy  etc.	Acute oral in rats : LD50 (technical grade) > 5,000 mg / kg  Acute dermal in rats : LD50 (technical grade) > 2,000 mg / kg	Japan,  S. Korea
5	No.F.3-4/03 CIR-II  Indian Institute of Horticultural, ICAR, Bangalore	Verticillium chlamydosporium		Fungicide  (Nematode Bio fungal agent, affective against xxx nematodes tomato, onion ,xxx, carrot, xxx, roses, papaya, banana etc.	Information not provided  by the applicant	Verticillium  lecnii is already included xxx
6	No.F.3-1/03-CIR.II  M/s Bayer India Ltd.	Spiromesifen  3-(2,4,6- Trimethylphenyl)-4- (3,3-dimethylbutyl carbonyloxy)-5- Spirocyclo-  pentyl-3- dihydrofuranon-2  CAS No.283594-90- 11	Presented in  British Crop  Protection Council November  2002,  UK (Publishers of Pesticide Manual)	Effective against  white flies and  mites	Acute oral in rats LD 50 > 2,500 mg / kg  NOEL: 2,000 mg / kg  Acute dermal in rats LD 50 > 2,000 mg / kg  Skin sensitization  skin sensitizer	Under  registration in  USA, Europe