



agriculture, forestry & fisheries

Department:
Agriculture, forestry & fisheries
REPUBLIC OF SOUTH AFRICA

Guideline for registered agrochemicals to control Fall armyworm in South Africa

Precautionary measure

- **Pesticides are poisonous. Read and follow directions and safety precautions on labels**

Table 1: Registered agrochemicals to control Fall armyworm in South Africa

Brand Name	Registration Number	Active ingredients	Mode of action	Resistance Group (IRAC)	Crops	Comment
Coragen	L8529	chlorantraniliprole	Stomach and contact insecticide	28	Cotton, maize, sorghum, sweetcorn, sugarcane and potatoes	Registered
Steward	L8435	Indoxacarb	Stomach and contact insecticide	22A	Cotton, lettuce, maize, peppers, sorghum, soy bean, sweetcorn, potatoes and sugarcane	Registered
Advance	L9147	Indoxacarb	Stomach and contact insecticide	22A	Cotton, maize and sorghum, veld and grazing	Registered
Addition	L9146	Indoxacarb	Stomach and contact insecticide	22A	Cotton maize, sorghum, veld and grazing	Registered
Emma	L9022	Emamectin benzoate	Stomach translaminar insecticide	6	Maize, sweetcorn and potatoes	Registered
Belt	L8860	Flubendiamide	Non systemic	28	Endive, lettuce, maize, spinach and maize	Registered

Doxstar Flo	L9884	Indoxacarb	Stomach and contact insecticide	22A	cruciferae(cabbage, broccoli, cauliflower and brussels sprouts), maize, peppers and sweetcorn,	Registered
Sorba	L5343	Lufenuron	Insect growth inhibitor (IGI)	15	Barley, beans, dry bean, cruciferae(cabbage, broccoli, cauliflower and brussels sprouts),groundnuts, maize, peas, sweetcorn, sunflower, soy bean, sorghum, and wheat	Registered
Proclaim	L7581	Emamectin benzoate	Stomach translaminar insecticide	6	Barley, beans, groundnuts, peas, maize , sweetcorn , sorghum, sunflower, soy bean, dry bean, wheat	Registered
Spitfire 900 SP	L8197	Methomyl	Contact insecticide	1A	Maize	Registered
Plemax	L10246	Indoxacarb/novaluron	Chitin inhibition and Stomach and contact insecticide	22A and 15	Maize and sweetcorn	Registered
Avigard	L216	Mercaptothion	contact and stomach insecticide	1B	Lawns	Registered
Avi Klorpirifos	L4318	Chlorpyrifos	Contact insecticide	1B	Maize	Registered
Ampligo	L8685	Chlorantraniliprole/lambda-cyhalothrin	Stomach and contact insecticide	3 and 28	Barley, canola, maize, sweetcorn, groundnuts, soy bean, sunflower, and wheat	Registered
Steward	L6332	Indoxacarb	Stomach and contact insecticide	22A	Cotton, lettuce, maize, sweetcorn, soy beans, sorghum, and potatoes	Registered
Cyplamyl 90 SP	L3436	Methomyl	Contact insecticide	1A	Maize	Registered
Farmag Profenofos 500	L5547	Profenofos	Contact, stomach and translaminar insecticide	1B	Cotton and potatoes	Registered
Judge	L9927	Lufenuron	insect growth inhibitor (IGI)	15	Maize, sweetcorn and potatoes	Registered

Masta 900 SP	L9449	Methomyl	Contact insecticide	1A	Maize and potatoes	Registered
Sumipleo SC	L8377	Paridalyl	Stomach and contact insecticide	Uknown	Maize and sweetcorn	Registered
Agropyrifos	L4888	Chlorpyrifos	Contact insecticide	1B	Maize, pastures and Potatoes	Registered
Oncol Super 220 EC	L7649	Benfuracarb/fenvalerate	systemic and contact insecticide	1A and 3	Maize, sweetcorn, and sorghum	Registered
Uphold 360 SC	L10164	Spinetoram/methoxyfenozone	Contact and stomach insecticide	5A and 18	Maize, sweetcorn, and sorghum	Registered
Delegate 250 WG	L8392	Spinetoram	contact and stomach insecticide	5A	Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts), maize, sweetcorn and sorghum	Registered
Pyrinex 480 EC	L4673	Chlorpyrifos	Contact insecticide	1B	Maize	Registered
Methomex 900 SP	L5254	Methomyl	Contact insecticide	1A	Maize	Registered
Methomex 200 SL	L5253	Methomyl	Contact insecticide	1A	Maize	Registered
Mylomex 900 SP	L4383	Methomyl	Contact insecticide	1A	Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts), maize, tobacco, sorghum, wheat, lupins, lucerne, veld and grazing	Registered
Promec 20 EW	L9729	Emamectin benzoate	Stomach translaminar insecticide	6	Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts), maize, sweetcorn,	Registered
Vitex 50	L9525	Emamectin benzoate	Stomach translaminar insecticide	6	Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts), maize, sweetcorn,	Registered
Delfin	L9761	Bacillus thuringiensis var kurstaki Strain SA-11	Bioinsecticide	11	Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts), barley, cotton, maize, sorghum, soybean and wheat.	Registered
Eco-Bb	L8469	Beauveria bassiana	Bioinsecticide	11	Cruciferae (cabbage, broccoli,	Registered

					cauliflower and brussels sprouts)Maize, sweetcorn, soybean, tomatoes and sorghum	
Florbac WG	L5531	Bacillus thuringiensis var. aizawai	Bioinsecticide	11	Maize and sweetcorn	Registered
Cyberfos 500 EC	L7606	Chlorpyrifos/Cypermethrin	Stomach and contact insecticide	1B and 3B	Maize, wheat and sorghum	Registered
Methomate 200 SL	L8123	Methomyl	Contact insecticide	1A	maize, cotton ,sorghum and veld grazing	Registered
Methomyl 200 SL	L7100	Methomyl	Contact insecticide	1A	maize, cotton ,sorghum and veld grazing	Registered
Pheromones	Import permit					Issued
Warlock 19.2 EC	L9872	Emamectin benzoate	Stomach translaminnar insecticide	6	Maize and sweetcorn	Registered
Pheromones	Import permit				Lawns	Issued
Lepidex	L7977	Emamectin benzoate	Stomach translaminnar insecticide	6	Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts), maize	Registered
Avi-Merkaptothion DP	L4278	Mercaptothion	Stomach and contact insecticide	1B	Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts), Sorghum, groundnuts, maize, cotton, sugarcane,	Registered
Prevathon	L9150	Chlorantraniliprole	Stomach and contact insecticide	28	Maize, sweetcorn, and sorghum	Registered
Malathion	L8317	Mercaptothion	Stomach and contact insecticide			
Denim Fit	L9978	Emamectin benzoate/lufenuron	stomach and insect growth inhibitor	6 and 15	Maize, legume vegetables, soybeans, sorghum, sunflower, dry beans, groundnuts, barley	Registered

					and sweetcorn	
Dimilin 25 WP	L5483	Diflubenzuron	Contact insecticide	15A	Maize, sweetcorn, and potatoes	Registered
Dimilin SC 48	L7140	Diflubenzuron	Contact insecticide	15A	Maize, sweetcorn and potatoes	Registered
Cropchem Chlorpyrifos EC	L5867	Chlorpyrifos	Contact insecticide	1B	Maize, Pastures and Potatoes	Registered
Akito	L6709	Beta-cypermethrin	Stomach and contact insecticide	3A	maize, sorghum, sweetcorn, wheat, tomatoes, peas, lupins, lucerne, groundnuts and Cruciferae (cabbage, broccoli, cauliflower and brussels sprouts)	Registered
Ag-Tap 500 SP	L7550	Cartap hydrochloride	Contact and systemic action insecticide	4C	Barley, cabbage, canola, maize, onions, potatoes, sorghum, soy beans, sugarcane, sunflower, sweetcorn, and wheat	Registered
Marshal 48 EC	L3314	Carbosulfan	Systemic insecticide	1A	Maize	Registered

NB. The above agrochemicals have been registered in terms of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No.36 of 1947)

- Farmers can interrogate the CropLife SA database for more information regarding the management of FAW at: (http://www.croplife.co.za/images/CLSA_FAW_position_statement_V8_5_April_2017.pdf)
- For Fall armyworm control measures, please visit the DAFF website at: (<http://www.daff.gov.za/daffweb3/Branches/Agricultural-Production-Health-Food-Safety/Food-Import-Export-Standards/Fall-armyworm>)

For further enquiries on pesticides registered contact:

Mr. Thilivhali Nepfumbada

Department of Agriculture, Forestry and Fisheries

Directorate: Agricultural Inputs Control

Pretoria

Tel: 012 319 6979

Email: ThilivhaliN@daff.gov.za

Last update 28 July 2017