

**ENVIRONMENTAL PROTECTION AGENCY**  
**Registered and provisionally cleared pesticides for use**  
**on mangoes**  
**Fully Registered Pesticides (FRE)**  
**Insecticides**

No.	Trade Name	Registration No. / Date of Issue	Concentration of Active Ingredient	Hazard Class	Uses	Local Distributor
1.	Agricombi 40 EC	FRE/1902/1519G September 2019	Fenvalerate (10%) + Fenithrothion (30%)	III	Insecticide for the control of aphids, mites and weevils in cocoa, fruits and vegetables	Agrimat Ltd., Madina
2.	Alphacep 10 EC	FRE/1902/1488G June 2019	Alpha-cypermethrin (100g/l)	III	Insecticide for the control of insect pests in vegetables and fruits	Agrimat Ltd., Madina
3.	Aventall 300WG	FRE/18139/1420G November 2018	Indoxacarb (300g/kg)	III	Insecticide for the control of insect pests in fruits, vegetables, rice and cotton	Jingbo Agrochemicals Tech. Gh. Co. Ltd., Accra
4.	Bastion Extra	FRE/19202/1482G March 2019	Imidacloprid (3%)	II	Insecticide for the control of rice hoppers, aphids, thrips, whiteflies, termites, beetles and soil borne insects in cereals, vegetables, fruits and cotton	Macrofertil Ghana Ltd., Accra
5.	Bomec EC	FRE/19202/1455G February 2019	Abamectin (18g/l)	II	Insecticide for the control of aphids, caterpillars, whiteflies, grasshoppers and bollworms in vegetables and fruits	Macrofertil Ghana Ltd., Tema
6.	Bypel 1	FRE/19133/1576G November 2019	<i>Perisrapae Granulosis</i> virus + <i>Bacillus thuringiensis</i> (5%)	II	Bio-insecticide for the control of whiteflies and worms in vegetables and fruits	Abbnak Agro Services, Kumasi
7.	Decis Forte 100 EC	FRE/20183/1636G June 2020	Deltamethrin (100g/l)	II	Insecticide for the control of insect pests in fruits and vegetables	Bayer West-Central Africa S.A., Accra/ OmniFert Ltd., Labone

8.	Dimeking 400EC	FRE/1899/1435G December 2018	Dimethoate (400 g/l)	II	Insecticide for the control of insect pests in fruits, cotton and vegetables	Rainbow AgroSciences Company Limited, Accra
9.	Dimex 400 EC	FRE/17202/1204G October 2017	Dimethoate (400g/l)	II	Insecticide for the control of aphids, fruit flies and leaf miners in vegetables, fruits and pineapples	Macrofertl Gh. Ltd., Tema
10.	Eradicoat T GH	FRE/19125/1535G October 2019	Maltodextrin (282g/l)	III	Insecticide for the control of insect pests in fruits, vegetables and Fall armyworm in maize	Positiveware Trading Company Limited, Accra
11.	Fastrack 10 SC	FRE/1902/1487G June 2019	Alpha-cypermethrin (100g/l)	III	Insecticide for the control of insect pests in vegetables and fruits	Agrimat Ltd., Madina
12.	Fenitrothion 50 EC	FRE/1902/1515G September 2019	Fenitrothion (50%)	III	Insecticide for the control of chewing, boring and sucking insects in fruits, vegetables and cereals	Agrimat Ltd., Madina
13.	Savahaler WP	FRE/18202/1376G August 2018	Methomyl (250g/kg)	II	Insecticide for the control of insect pests in vegetables, fruits, cotton and soybean	Macrofertl Gh. Ltd., Tema
14.	Success Appat	FRE/2005/1643G July 2020	Spinosad (0.24g/l)	U	Insecticide for the control of fruitfly in citrus, mango and vegetables	Chemico Ltd., Tema
15.	Vigilant 25 EC	FRE/1910/1484G June 2019	Bifenthrin (25g/l)	II	Insecticide for the control of aphids, bollworm, jassids, whiteflies, mites and hoppers in cotton and mango	Reiss & Co (Gh) Ltd., Accra

# (A) Fully Registered Pesticides (FRE)

## (A2) Fungicides

No.	Trade Name	Registration No. / Date of Issue	Concentration of Active Ingredient	Hazard Class	Uses	Local Distributor
1.	Benco 80 WP	FRE/1825/1336G July 2018	Mancozeb (800g/kg)	III	Fungicide for control of leaf spots, mildew, leaf blight and in vegetables, fruits and ornamentals	Bentronics Productions, Kumasi
2.	Bosun 300SC	FRE/18139/1419G November 2018	Boscalid (20%) + Kresoxim-methyl (10%)	III	Fungicide for the control of powdery mildew, anthracnose, mould, rust and leaf spots in vegetables and fruits	Jingbo Agrochemicals Tech. Gh. Co., Ltd., Accra.
3.	Caldo Bordeles Valles 20WP	FRE/18137/1436G December 2018	Bordeaux mixture (Copper (II) Sulphate + Ca (OH) <sub>2</sub> ) (200g/kg)	III	Fungicide for the control of diseases in vegetables and fruits	Miqdadi Company Limited, Accra
4.	Conti-Zeb	FRE/1978/1571G October 2019	Mancozeb (800g/kg)	III	Fungicide for the control of leafspots, mildew, leaf blight and scab in vegetables and fruits	Five Continents Imports & Exports Ltd., Accra
5.	Curenox 50WP	FRE/18137/1437G December 2018	Copper Oxychloride (50%)	III	Fungicide for the control of diseases in fruits and vegetables	Miqdadi Company Limited, Accra
6.	Dizcozeb 80 WP	FRE/1908/1524G September 2019	Mancozeb (800g/kg)	III	Fungicide for the control of leaf spot, mildew, leaf blight and scab in vegetables, fruits, ornamentals and field crops	Dizengoff Ghana Ltd., Accra
7.	Goldazim 500 SC	FRE/1816/1272G January 2018	Carbendazim (500g/l)	III	Systemic fungicide for the control of diseases in fruits and vegetables	Kurama Company Limited, Accra
8.	Ivory 80WP	FRE/1906/1440G February 2019	Mancozeb (800g/kg)	III	Fungicide for the control of diseases in vegetables and fruits	Calli Ghana Co. Ltd., Accra
9.	Maneb 80 WP	FRE/1822/1413G November 2018	Maneb (80%)	III	Fungicide for control of fungal diseases in vegetables, cereals, citrus, avocados and mangoes	Annoh & Sons Enterprise, Achimota-Accra

10.	Rainmancoz 80WP	FRE/1999/1537G September 2019	Mancozeb (800g/kg)	III	Fungicide for the control of downy mildew, anthracnose and rust in vegetables, rice, citrus and mango	Rainbow AgroSciences Co. Ltd., Tema
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## (A) Fully Registered Pesticides (FRE)

### (A3) Herbicides

No.	Trade Name	Registration No. / Date of Issue	Concentration of Active Ingredient	Hazard Class	Uses	Local Distributor
1.	Bastnate 200 SL	FRE/1999/1500G June 2019	Glufosinate-ammonium (200g/l)	II	Herbicide for the control of annual and perennial broadleaf weeds in banana, plantain, mango and pineapple	Rainbow AgroSciences Company Limited, Tema
2.	Chemuron 80 WP	FRE/1805/1392G August 2018	Diuron (800g/kg)	III	Herbicide for the control of grasses in pineapples, citrus and mangoes	Chemico Limited, Tema
3.	Diuron Plus	FRE/1843/1356G July 2018	Diuron (80%)	III	Herbicide for the control of annual and perennial grasses and broadleaf weeds in pineapples, citrus and mangoes	Kumark Co. Ltd., Kumasi
4.	Sun- Diuron 80WP	FRE/1857/1360G July 2018	Diuron (800g/kg)	III	Herbicide for the control of weeds in pineapples, mangoes and cashew	Wynca Sunshine Agric Products & Trading Co., Limited, Accra

## (B) Provisionally Cleared Pesticides (PCL)

### (B1) Insecticides

No.	Trade Name	Registration No. / Date of Issue	Concentration of Active Ingredient	Hazard Class	Uses	Local Distributor
1.	Away	PCL/20149/1633G May 2020	Emamectin-benzoate (1.9%)	II	Insecticide for the control thrips, aphids, whiteflies and caterpillar in leafy vegetables, mango, citrus, pawpaw and tomato	Bon Agro Co. Ltd., Kumasi
2.	Cisthrin	PCL/1999/1479G November 2019	Deltamethrin (12.5g/l)	II	Insecticide for the control of borers, aphids, bollworm, cutworm, mango weevil and strainers in maize, cassava,	Rainbow AgroSciences Co. Ltd., Tema

					yam, sorghum, groundnuts and vegetables	
3.	Knock Out	PCL/20149/1634G May 2020	Bifenthrin (30g/l) + Acetamiprid (16g/l)	II	Insecticide for the control of insect pests in vegetables, mango, eggplant and citrus	Bon Agro Co. Ltd., Kumasi
4.	Leopard 20 SL	PCL/19137/1473G November 2019	Imidacloprid (200g/l)	II	Insecticide for the control of mango hopper, aphids, leafminers, jassids in mango, okra and groundnut	Miqdadi Co. Ltd., Accra
5.	Magicforce Gold	PCL/19145/1438G October 2019	Lambda-cyhalothrin (15g/l) + Acetamiprid (20g/l)	II	Insecticide for the control of beet army worm, aphids, stem borers, beetles, leafhoppers, bollworm, leaf miner, diamond backmoth in cabbage, cucumber, okra, pepper, maize, sorghum, rice, legumes, mango and citrus	Jubaili Agrotec Ltd., Kumasi

## (B) Provisionally Cleared Pesticides (PCL)

### (B2) Fungicides

No.	Trade Name	Registration No. / Date of Issue	Concentration of Active Ingredient	Hazard Class	Uses	Local Distributor
1.	Banko D 450 SC	PCL/2006/1511G January 2020	Chlorothalonil (400g/l) + Difenoconazole (50g/l)	III	Fungicide for the control of <i>Alternaria sp.</i> , <i>Phytophthora</i> and Anthracnose in vegetables and mango	Calli Ghana Co. Ltd., Accra
2.	BBS Master WP	PCL/20263/1554G March 2020	Oxolinic Acid 20%)	III	Fungicide for the control of bacterial blackspot (BBS) disease in mango	Bomart Farms, Doboro
3.	Shaolin 62.5WG	PCL/1999/1480G November 2019	Cyprodinil (37.5%) + Fludioxonil (25%)	II	Fungicide for the control of fungal diseases in tomato, mango, green pepper, carrot and pawpaw	Rainbow AgroSciences Co. Ltd., Tema

## (B) Provisionally Cleared Pesticides (PCL)

### (B4) Plant Growth Regulator

No.	Trade Name	Registration No. / Date of Issue	Concentration of Active Ingredient	Hazard Class	Uses	Local Distributor
1.	Great Paclo	PCL/20190/1739G July 2020	Paclobutrazol (50%)	II	Plant Growth Regulator to regulate growth of treetops in mango	Matrix Innovation, Accra
2.	Paclo Super	PCL/20249/1755G August 2020	Paclobutrazol (500g/kg)	II	Plant Growth Regulator to Regulates growth of treetops in mango	Karida Agro Trading Co. Ltd., Kumasi

## © Banned Pesticides

No	Name of Pesticide
1.	2,4,5-T and its salts and esters
2.	Aldrin
3.	Binapacryl
4.	Captafol
5.	Chlordane
6.	Chlordimeform
7.	Chlorobenzilate
8.	Dichlorodiphenyltrichloroethane (DDT)
9.	Dieldrin
10.	Dinoseb and its salts and esters
11.	Dinitro-ortho-cresol (DNOC) and its salts (such as ammonium salt, potassium salt and sodium salt)
12.	Endrin
13.	HCH (mixed isomers)
14.	Heptachlor
15.	Hexachlorobenzene
16.	Parathion
17.	Pentachlorophenol and its salts and esters
18.	Toxaphene
19.	Mirex
20.	Methamidophos (Soluble liquid formulations of the substance that exceed 600 g active ingredient/l)
21.	Methyl-parathion (emulsifiable concentrates (EC) with at or above 19.5% active ingredient and dusts at or above 1.5% active ingredient)
22.	Monocrotophos (Soluble liquid formulations of the substance that exceed 600 g active ingredient/l)
23.	Parathion (all formulations – aerosols, dustable powder (DP), emulsifiable concentrate (EC), granules (GR) and wettable powders (WP) – of this substance are included, except capsule suspensions (CS))
24.	Phosphamidon (Soluble liquid formulations of the substance that exceed 1000 g active ingredient/l)
25.	Dustable powder formulations containing a combination of Benomyl at or above 7%, Carbofuran at or above 10% and Thiram at or above 15%
26.	Methyl Bromide
27.	Chlordecone
28.	Alpha hexachlorocyclohexane
29.	Beta hexachlorocyclohexane
30.	Lindane
31.	Pentachlorobenzene
32.	Technical Endosulfan and its related isomers

## Legend to Register of Pesticide

FRE - Full Registration (valid for 3 years)	The Agency may approve and register a pesticide subject to such other conditions as it may determine and may only register a pesticide if it is satisfied that the pesticide is safe and effective for the use for which it is intended and that the pesticide has been tested for efficacy and safety under local conditions (Section 31, Part II of Act 490)
PCL - Provisional Clearance Permit (Valid for a maximum of 1 year)	Where in respect of an application for registration of a pesticide, the Agency is satisfied that most information required for its registration has been provided to the Agency, and the pesticide does not present a toxicological risk to people, animals, crops or the environment, it may clear the pesticide for use without the registration, and this clearance shall be known as provisional clearance and shall be temporary pending the registration by the Agency of the pesticide (Section 32, Part II of Act 490)
Experimental permit	The Agency may authorize the importation of unregistered pesticide if the pesticide is imported for experimental or research purposes and not for distribution Section 28, (2), (a), (i).
General use pesticides (G)	Pesticides when applied for the use for which it is registered will not have unreasonable adverse effects on people, animals, crops or on the environment (Section 30 (1), (a) of Part II of Act 490)
Restricted use pesticides (R)	Pesticide when used in accordance with widespread commonly recognized practice in the absence of additional regulatory restrictions may cause unreasonable adverse effect on people, animals, crops or on the environment (section 30 (1), (b) of Part II of Act 490). Such pesticides are restricted for use on only selected crops by competent pesticide applicators and should be sold by dealers licensed to handle restricted pesticides
Suspended or Banned Pesticides	Pesticide when used in accordance with widespread commonly recognized practice even in the presence of additional regulatory restrictions will cause unreasonable adverse effect on people, animals, crops or on the environment. Such pesticides are prohibited for use in the country (Section 30, (1), (c).