



भा.कृ.अनु.प.- राष्ट्रीय अनार अनुसंधान केन्द्र, सोलापुर  
**ICAR - National Research Centre on Pomegranate**  
(Indian Council of Agricultural Research)  
NH-65, Solapur-Pune Highway, Kegaon, Solapur-413 255 (M.S.)  
T-(0217) 2354330, 2350074, 2350263, F-(0217) 2353533  
E mail- nrcpomegranate@gmail.com, www.nrcpomegranate.icar.gov.in  
(ISO 9001:2008 Certified Institute)



## TRADE/BRAND/COMMERCIAL NAMES OF AGRO-CHEMICALS

Date: 24<sup>th</sup> March, 2021

BACTERICIDES/ FUNGICIDES		
S.No.	Technical name	Trade/ Brand/Commercial Name
1.	2-Bromo-2-nitropropane-1,3-diol (Bronopol) /	Bactrinashak (Indofil), Bactronol-100 (Merlin Chemicals) Myacide AS (BASF) Bactrimil (Insecticide India Limited), <u>Bactrinil</u> (Ambience Fertchem)
2.	Azoxystrobin 20% SC + Difenoconazole 12.5 % SC	Amistar Top (Syngenta)
3.	Azoxystrobin 23% SC	Amistar (Syngenta), Noyaku (IFFCO-MC)
4.	<b>Carbendazim 50% WP</b>	Bavistin (BASF), Benfil (Indofil), Dhanustin (Dhanuka), Benguard (Dow), Yamato (IFFCO-MC)
5.	Chlorothalonil 33.1% w/w + Metalaxyl M 3.3% w/w	Folio Gold (Syngenta)
6.	Chlorothalonil 75% WP	Kavach (Syngenta), Ishaan (TATA), Jatayu (Coromandel), K-Nil (KR), Ishaan 75 WP (TATA), Willonyl (Willowood), Pithoo (Amber), Dolphin (ACME)
7.	Copper hydroxide 53.8% WP	Kocide 2000 (Dupont)

8.	Copper hydroxide 61.4% w/w (Metalic copper 40% w/w)	Blue Shield (Bayer)
9.	Copper Oxychloride 50% WDG	Topgun DF (Sulphur Mills), Blueget 727 (Sumil), ACME-COP WDG (ACME)
10.	Copper oxychloride 50% WP	Blue Copper (Syngenta), Blitox (TATA), Cuprina (PI Ind.), Trucop (Indofil), Dhanucop (Dhanuka), Maincop (Adama), Copsaan 50 (Zuari), Gozaru (IFFCO-MC), Value Gold (Alfa Crop Sci.)
11.	Cymoxanil 8%+ <b>Mancozeb</b> 64%	Curzate (DuPont), Moximate (Indofil), Quarate Gold (Dhanuka), Sodatsu (IFFCO-MC)
12.	Difenoconazole 25% EC	Score (Syngenta)
13.	Dimethomorph 50% WP	Acrobat (BASF), Lurit (PI Ind.), Odin (Coromandel), Dimm (Sulphur Mills)
14.	Fluxapyroxad 25% + Pyraclostrobin 25% SC	Merivon (BASF)
15.	Fosetyl- Al 80% WP	Aliette (Bayer)
16.	Hexaconazole 5% SC/EC	Hexadhan (Dhanuka), Contaf-5E, Contaf Plus (Rallis), Conquer plus (UPL), Sitara plus (Indofil), Corazole EC (Coromandel), Kinki (IFFCO-MC)
17.	Kasugamycin 5% + copper oxychloride 45% WP	Conika (Dhanuka)
18.	<b>Mancozeb</b> 75% WP	Dithane M-45 (Corteva Dowagro), Indofil M-45 (Indofil) & Manfil 75 WG (Indofil), Tata M-45 (TATA), Uthane M-45 (UPL), Dhanuka M-45 (Dhanuka), Marlett (Coromandel), Satsuma (IFFCO-MC)
19.	Mandipropamid 23.4% SC	Revus (Syngenta)
20.	Metalaxyl 8% + <b>Mancozeb</b> 64% WP	Master (Rallis), Matco 8-64 (Indofil), Unilax (UPL)
21.	Metiram 55% + Pyraclostrobin 5% WG	Cabrio Top (BASF), Sampark (Crystal), Clutch (PI Ind.)
22.	Myclobutanil 10% WP	Boon (Indofil), Systhane (Corteva Dow), Index (NACL)

23.	Propiconazole 25% EC	Tilt (Syngenta), Dhan (Indofil), Zerox (Dhanuka), Sona (IIL), Result (NACL), Propicron (Coromandel), Pikapika (IFFCO-MC)
24.	Propineb 70% WP	Antracol (Bayer), Protocol (Dhanuka), Aaroosh (Coromandel), Dazel (Coromandel Agrico), Aniki (IFFCO-MC)
25.	Pyraclostrobin 20% WG	Headline WG (BASF)
26.	Streptomycin sulphate 90% w/w + Tetracycline hydrochloride 10% w/w	Streptocycline (Hindustan antibiotics), K-Cycline (Karnataka Antibiotics)
27.	Sulphur 80% WP/WDG	Thionutri (Syngenta), Insulf (UPL), Sultaf (TATA Rallis), Sulfil (Indofil), Sasage (IFFCO-MC)
28.	Tebuconazole 25.9% EC	Folicur (Bayer), Orius (Adama), Tebura (IFFCO-MC)
29.	Tebuconazole 50% + Trifloxystrobin 25% WG	Nativo (Bayer)
30.	<b>Thiophanate Methyl 70% WP</b>	Prism (Insecticide India Limited), Tagsin-M (Tropical), Hexastop (Coromandel), Moyashi (IFFCO-MC), Control (Sulphur Mills)
31.	<b>Thiram 75% WP/WS</b>	Thirox (Crop chemicals)
32.	Tricyclazole 18% + <b>Mancozeb</b> 62% WP	Merger (Indofil), Trimasik (Sikko Industrie), Masanori (IFFCO-MC)
33.	<b>Ziram 27% SC</b>	Cuman L (Syngenta), Ziram (HPM), Zirus (Jai Rasayan), Ziron (Abachem)
<b>INSECTICIDES/ BIOPESTICIDES</b>		
<b>S.No.</b>	<b>Technical name</b>	<b>Trade/ Brand/Commercial Name</b>
1.	Acetamiprid 20% SP	Manik (Rallis), Rapid (Crystal), Rekord (DuPont), Arystaprid (UPL), Lift (Indofil), Dhanpreet (Dhanuka), Nagarjuna ENNOVA (NACL), Sharp (IIL), Scuba (Coromandel), Wapkil & Rider (BioStadt), Kaitaku (IFFCO-MC)
2.	Azadirachtin 1%	Neemcell 100000 (Aryan Bio-Tech), Neem care 10000 PPM (Vijaya Agro Industries), MBF 10000 PPM (Maharashtra Biofertilizers), V-neem (Vittal Neem Agro), Ozoneem Trishul 10000 PPM (ozoneem), Neem-A-Life 10000 (Gujarat Life Sci.), Orga Neem 10000 PPM (Kay Bee Bio-organics)

3.	Chlorantraniliprole (18.5% SC)	Coragen (Dupont), Cover liq (Dhanuka)
4.	Chlorantraniliprole 9.3 % w/w + Lambda Cyhalothrin 4.6% w/w ZC)	Ampligo (Syngenta)
5.	Chlorantraniliprole 8.80 %+ Thiamethoxam 17.5%	Voliam Flexi (Syngenta)
6.	<b>Chlorpyrifos 20% EC</b>	Tafaban (Rallis), Chlorguard 20 (Gharda Chemicals), Dursban (Corteva), Banest 20 (UPL), Tricel (Excel), Lethal 20 EC (IIL), Classic-20 (Cheminova), Kaman / Eldrin TC (Crystal), Trishul (Coromandel), Hilban (HIL), Strike (Biostadt)
7.	<b>Chlorpyrifos 50% +</b> Alphacypermethrin 5% EC	Lethal Super 505 (IIL), Koranda 505 (Rallis), Hamla 550 (Gharda), Hilhunter (HIL), Cannon (NACL), Ulka 505 (BioStadt)
8.	Cyantraniliprole 10.26% OD	Benevia (Dupont)
9.	Cypermethrin 25% EC	Cymbush (Syngenta), Cyrux (UPL), Colt (PI Ind.), Super Killer 25 (Dhanuka), Super Fighter (IIL), Jackpot-25 (Crystal), Cyperkill (Coromandel), Auzar 25EC (BioStadt)
10.	Deltamethrin 2.8 EC	Decis 2.8 (Bayer), Raven ( Kalyani), Dr. Den (Jai shree Rasayan), Tagcis 100 – 11% EC (Tropical)
11.	Emamectin benzoate 3%+ Thiamethoxam 12% WG	Encounter (IIL)
12.	Fonicamid 50% WG	Ulala (UPL)
13.	Flubendiamide 19.92% w/w + Thiacloprid 19.92% w/w SC	Belt Expert (Bayer)
14.	Imidacloprid 17.8% SL	Confidor (Bayer), Seamer (DuPont), Tatamida (Rallis), Jumbo (PI Ind.), Imidacel (Excel), Imida Gold (UPL), Atom (Indofil), Media (Dhanuka), Nagarjuna Mida (NACL), Victor (IIL), Kemida (Cheminova), Sumida (SuperCSL), Parrymida/Suzu (Coromandel), Ultimo 200SL (BioStadt), Isogashi (IFFCO-MC)
15.	Indoxacarb 14.5% SC	Avaunt (DuPont), Fego (UPL), Avval (IIL), Kingdoxa (Gharda)
16.	Karanja (Pongamia) oil	Organic Karanja Oil (Manorama Industries), Karanja Oil (Vijaya Agro)
17.	Lambda-Cyhalothrin 5% EC	Karate (Syngenta), Reeva 5 (Rallis), Bravo 5000 (IIL), Judo Plus (Crystal), Hillambda 5EC (HIL)

18.	Spinetoram 11.7% SC	Delegate (Corteva ), Largo (Dhanuka), Summit (Rallis), Syndicate (NACL)
19.	Spinosad 45% SC	Spintor (Bayer), Tracer (Dow), One-Up (Dhanuka), Taffin (TATA), Conserve (NACL)
20.	Thiacloprid 21.7%SC	Alanto (Bayer), Thiocel (excel crop care), splendour (Crystal)
21.	Thiamethoxam 12.6 + Lambda cyhalothrin 9.5 % ZC	Alika (Syngenta), Iruka (IFFCO-MC)
22.	Thiamethoxam 25% WG	Actara (Syngenta), Renova (UPL), Maxima (PI Ind.), Click (Indofil), Areva (Dhanuka), Arrow (IIL), Extra Super (Crystal), Optra (Coromandel), Dxtar (NACL), Evident & Tiomax (BioStadt), Exaam (Coromandel), Taiyo (IFFCO-MC)
23.	Tolfenpyrad 15 % EC	Keefun (PI Industries)
<b>MITICIDES</b>		
24.	Fenazaquin 10% EC	Magister (DuPont)
25.	Fenpyroximate 5% EC	Sedna (Rallis), Pyromite (Excel), Dynamite Plus (IIL)
26.	Phosalone 35% EC	
27.	Propargite 57% EC	Omite (Dhanuka), Mainichi (IFFCO-MC)
28.	Spiromesifen 240 SC (22.9 W/W)	Oberon (Crop Science, India), Voltage (PI Ind.), Danfuron (Dhanuka)
<b>NEMATICIDES</b>		
29.	Fluensulfone 2% GR	Nimitz (Adama)
30.	Fluopyram 34.48% SC	Velum Prime (Bayer Crop Science, India)
<b>GROWTH REGULATORS</b>		
31.	1-Naphthyl acetic acid 4.5 % SL	Planofix (Bayer), Nagamrutha (Multiplex)
32.	2,4-Dichloro Phenoxy Acetic Acid (PGR)	DIPA-24 (HiMedia), Merck or any lab grade
33.	6-Benzylaminopurine (6BA) Technical grade	6 BA (Bake and baker), Joshi agro
34.	Ethephon 39%	Ethrel (Bayer), Ruspon (Jai Shree Rasayan Udyog Ltd), Highgrow (HPM), Adpon (Advance chemicals and fertilizers), ER Grupon (HAI), Bison (Canary)
35.	Gibberellic Acid (GA) Technical grade	Progib (Sumitomo Chemicals)
<b>WEEDICIDE</b>		
36.	Indaziflam 500 SC	Alion® Plus (Crop Science, India)
<b>Full form of abbreviations used for Company names and formulation type are given on next page</b>		

**Full form of abbreviations used for Company names**

<b>S. NO.</b>	<b>Abbreviations</b>	<b>Name of the company</b>	<b>S.No.</b>	<b>Abbreviations</b>	<b>Name of the company</b>
1.	<b>ACME</b>	ACME Organics Pvt. Ltd.	20.	<b>HPM</b>	hpm
2.	<b>Advance</b>	Advance Pesticides	21.	<b>Indofil</b>	Indofil Industries Ltd.
3.	<b>Amber</b>	Amber Crop Science Pvt. Ltd., New Delhi	22.	<b>IPL</b>	India Pesticides Ltd.
4.	<b>AOL</b>	Agrico Organics Ltd., New Delhi	23.	<b>NACL</b>	NACL industries limited (formerly Nagarjuna Agrichem Ltd.)
5.	<b>Arysta</b>	Arysta Crop Science Ltd.	24.	<b>PI Ind.</b>	PI Industries Ltd.
6.	<b>Atul</b>	Atul Ltd.	25.	<b>Sulphur Mills</b>	Sulphur Mills Ltd.
7.	<b>BASF</b>	BASF India Ltd.	26.	<b>Sumil</b>	Sumil Chemical Industries Pvt. Ltd.
8.	<b>Bayer</b>	Bayer Crop Science India Ltd.	27.	<b>Sumitomo</b>	Sumitomo Chemical India Pvt. Ltd.
9.	<b>Bharat</b>	Bharat Group of Pesticides (Bharat Rasayan Ltd., Bharat Insecticides Ltd. & BR Agrotech Ltd.)	28.	<b>Super CSL</b>	Super Crop Safe Ltd.
10.	<b>Bio-Stadt</b>	Bio-Stadt India Ltd.	29.	<b>Syngenta</b>	Syngenta India Ltd.
11.	<b>Canary</b>	Canary Agro Chemicals Pvt. Ltd.	30.	<b>TATA</b>	Rallis India Ltd. – A Tata Enterprice / Tata Chemicals Ltd.
12.	<b>CCIL</b>	Crop Chemicals India Ltd.	31.	<b>Tropical</b>	Tropical Agrosystem (India) Pvt. Ltd.

13.	<b>Cheminova</b>	Cheminova – A subsidiary of FMC Corporation	32.	<b>UPL</b>	Union Phosphorus Ltd.
14.	<b>Coromandel</b>	Coromandel International Ltd.	33.	<b>IFFCO-MC</b>	Indian Farmers Fertilizers Co-operative Ltd., Mitsubishi Corporation
15.	<b>Crystal</b>	Crystal Crop Protection Pvt. Ltd.	34.	<b>IIL</b>	Insecticides (India) Ltd.
16.	<b>Devidayal</b>	Devidayal Sales Ltd.	35.	<b>Gharda</b>	Gharda Chemicals Ltd.
17.	<b>Dhanuka</b>	Dhanuka Agritech Ltd.	36.	<b>HIL</b>	Hindustan Insecticides Ltd. ( A Govt. of India Enterprise)
18.	<b>Dow</b>	Dow Agro Sciences	37.	<b>Excel</b>	Excel Crop Care Ltd.
19.	<b>DuPont</b>	Dupont Crop Protection India Ltd.			

**Abbreviations of different formulation type given below**

<b>S. No.</b>	<b>Abbreviation</b>	<b>Formulation</b>	<b>S. No.</b>	<b>Abbreviation</b>	<b>Formulation</b>
1.	<b>A</b>	Aerosol	24.	<b>MTF</b>	Multiple Temperature Formulation
2.	<b>A.I.</b>	Active Ingredient	25.	<b>OD</b>	Oil Dispersion
3.	<b>AF</b>	Aqueous Flowable	26.	<b>P</b>	Pellets
4.	<b>AS</b>	Aqueous Solution or Aqueous Suspension	27.	<b>PGP</b>	Plant Growth Promoter
5.	<b>B</b>	Bait	28.	<b>PGR</b>	Plant Growth Regulator
6.	<b>C</b>	Concentrate	29.	<b>RTU</b>	Ready-to-Use
7.	<b>CG</b>	Concentrate Granules	30.	<b>SL</b>	Solution
8.	<b>CM</b>	Concentrate Mixture	31.	<b>SC</b>	Suspension Concentrate

9.	<b>CS</b>	Capsule Suspensions	32.	<b>SD</b>	Soluble Dust
10.	<b>D</b>	Dust	33.	<b>SG</b>	Soluble Granules
11.	<b>DF</b>	Dry Flowable	34.	<b>SC</b>	Soluble (Liquid) Concentrate
12.	<b>DP</b>	Dust able Powder	35.	<b>SP</b>	Soluble Powder or Soluble Packet
13.	<b>DS</b>	Soluble Dust	36.	<b>Tab</b>	Tablets
14.	<b>EC or E</b>	Emulsifiable Concentrate	37.	<b>ULVC/ULW</b>	Ultra Low Volume Concentrate or Ultra Low Wettable
15.	<b>EW</b>	Emulsion, Oil in Water	38.	<b>WDR</b>	Wettable Dispersible Granule
16.	<b>FL or F</b>	Flowable (Liquid)	39.	<b>WP</b>	Wettable Powder
17.	<b>FS</b>	Flowable Concentrate for Seeds or Flowable Slurry	40.	<b>WS/WDP</b>	Water Soluble or Water Dispersible Powder for Seed
18.	<b>GL</b>	Gel	41.	<b>WSC</b>	Water Soluble Concentrate
19.	<b>GR or G</b>	Generic Granules / Granules	42.	<b>WSG</b>	Water Soluble Granules
20.	<b>L</b>	Liquid (Flowable)	43.	<b>WSL</b>	Water Soluble Liquid
21.	<b>LC</b>	Liquid Concentrate or Low Concentrate	44.	<b>WSP/WSP</b>	Water Soluble Powder or Water Soluble Packet
22.	<b>LV</b>	Low Volatile	45.	<b>ZC</b>	Zeon (Technology) Concentrate
23.	<b>M or ME</b>	Micro Encapsulated			

**COMPILED BY**

**Dr. Mallikarjun, H., Dr. Somnath S. Pokhare, Dr. Manjunatha N. and Dr. Jyotsana Sharma ICAR-NRCP, Solapur**