

**LIST OF PESTICIDES WHICH ARE BANNED,  
REFUSED REGISTRATION AND RESTRICTED IN USE**

(Updated on 31.03.2024)

**I. PESTICIDES / FORMULATIONS BANNED IN INDIA**

<b>A.</b>	<b>Pesticides Banned for manufacture, import and use.</b>	
	1.	Alachlor ( S.O. 3951 (E), dated 08.08.2018)
	2.	Aldicarb ( S.O. 682 (E) dated 17 <sup>th</sup> July 2001)
	3.	Aldrin
	4.	Benzene Hexachloride
	5.	Benomyl ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	6.	Calcium Cyanide
	7.	Carbaryl ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	8.	Chlorbenzilate ( S.O. 682 (E) dated 17 <sup>th</sup> July 2001)
	9.	Chlordane
	10.	Chlorofenvinphos
	11.	Copper Acetoarsenite
	12.	Diazinon ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	13.	Dibromochloropropane (DBCP) ( S.O. 569 (E) dated 25 <sup>th</sup> July 1989)
	14.	Dichlorovos ( S.O. 3951 (E), dated 08.08.2018)
	15.	Dicofol ( S.O. 4294(E) dated 3 <sup>rd</sup> October, 2023)
	16.	Dieldrin ( S.O. 682 (E) dated 17 <sup>th</sup> July 2001)
	17.	Dinocap ( S.O. 4294(E) dated 3 <sup>rd</sup> October, 2023)
	18.	Endosulfron ( ad-Interim order of the Supreme Court of India in the Writ Petition (Civil) No. 213 of 2011 dated 13 <sup>th</sup> May, 2011 and finally disposed of dated 10 <sup>th</sup> January, 2017)
	19.	Endrin
	20.	Ethyl Mercury Chloride
	21.	Ethyl Parathion
	22.	Ethylene Dibromide (EDB) ( S.O. 682 (E) dated 17 <sup>th</sup> July 2001)
	23.	Fenarimol ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	24.	Fenthion ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	25.	Heptachlor
	26.	Lindane (Gamma-HCH)
	27.	Linuron ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	28.	Maleic Hydrazide ( S.O. 682 (E) dated 17 <sup>th</sup> July 2001)
	29.	Menazon
	30.	Methomyl ( S.O. 4294(E) dated 3 <sup>rd</sup> October, 2023)
	31.	Methoxy Ethyl Mercury Chloride ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	32.	Methyl Parathion ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	33.	Metoxuron

	34.	Nitrofen
	35.	Paraquat Dimethyl Sulphate
	36.	Pentachloro Nitrobenzene (PCNB) ( S.O. 569 (E) dated 25 <sup>th</sup> July 1989)
	37.	Pentachlorophenol
	38.	Phenyl Mercury Acetate
	39.	Phorate ( S.O. 3951 (E), dated 08.08.2018)
	40.	Phosphamidon ( S.O. 3951 (E), dated 08.08.2018)
	41.	Sodium Cyanide ( banned for Insecticidal purpose only S.O 3951(E) dated 8 <sup>th</sup> August, 2018)*
	42.	Sodium Methane Arsonate
	43.	Tetradifon
	44.	Thiometon ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	45.	Toxaphene(Camphechlor) ( S.O. 569 (E) dated 25 <sup>th</sup> July 1989)
	46.	Triazophos ( S.O. 3951 (E), dated 08.08.2018)
	47.	Tridemorph ( S.O 3951(E) dated 8 <sup>th</sup> August, 2018)
	48.	Trichloro acetic acid (TCA) ( S.O. 682 (E) dated 17 <sup>th</sup> July 2001)
	49.	Trichlorfon ( S.O. 3951 (E), dated 08.08.2018)
<b>B.</b>	<b>Pesticide / Pesticide formulations banned for use but continued to manufacture for export</b>	
	1.	Captafol 80% Powder ( S.O. 679 (E) dated 17 <sup>th</sup> July 2001)
	2.	Dichlorvos ( S.O. 1196 (E) dated 20 <sup>th</sup> March 2020)
	3.	Nicotin Sulfate ( S.O. 325 (E) dated 11 <sup>th</sup> May 1992)
	4.	Phorate ( S.O. 1196 (E) dated 20 <sup>th</sup> March 2020)
	5.	Triazophos ( S.O. 1196 (E) dated 20 <sup>th</sup> March 2020)
<b>C.</b>	<b>Pesticides Withdrawn (Withdrawal may become inoperative as soon as required complete data as per the guidelines is generated and submitted by the Pesticides Industry to the Government and accepted by the Registration Committee. (S.O 915(E) dated 15<sup>th</sup> Jun,2006)</b>	
	1.	Dalapon
	2.	Ferbam
	3.	Formothion
	4.	Nickel Chloride
	5.	Paradichlorobenzene (PDCB)
	6.	Simazine
	7.	Sirmate (S.O. 2485 (E) dated 24 <sup>th</sup> September 2014)
	8.	Warfarin ( S.O. 915 (E) dated 15 <sup>th</sup> June 2006)

\* Regulation to be continued in the extant manner for non-insecticidal uses.

## II. PESTICIDES REFUSED REGISTRATION

S. No.	Name of Pesticides
1.	2,4, 5-T
2.	Ammonium Sulphamate
3.	Azinphos Ethyl
4.	Azinphos Methyl
5.	Binapacryl
6.	Calcium Arsenate
7.	Carbophenothion
8.	Chinomethionate (Morestan)
9.	Dicrotophos
10.	EPN
11.	Fentin Acetate
12.	Fentin Hydroxide
13.	Lead Arsenate
14.	Leptophos (Phosvel)
15.	Mephosfolan
16.	Mevinphos (Phosdrin)
17.	Thiodemeton / Disulfoton
18.	Vamidothion

### III. PESTICIDES RESTRICTED FOR USE IN THE COUNTRY

S. No.	Name of Pesticides	Details of Restrictions
1.	Aluminium Phosphide	<p>The Pest Control Operations with Aluminium Phosphide may be undertaken only by Govt. /Govt. undertakings / Govt. Organizations / pest control operators under the strict supervision of Govt. Experts or experts whose expertise is approved by the Plant Protection Advisor to Govt. of India except 1Aluminium Phosphide 15 % 12 g tablet and <sup>2</sup>Aluminum Phosphide 6 % tablet. [RC decision circular F No. 14-11(2)-CIR-II (Vol. II) dated 21-09-1984 and G.S.R. 371(E) dated 20th may 1999]. <sup>1</sup>Decision of 282<sup>nd</sup> RC held on 02-11-2007 and, <sup>2</sup>Decision of 326<sup>th</sup> RC held on 15-02-2012.</p> <p>The production, marketing and use of Aluminium Phosphide tube packs with a capacity of 10 and 20 tablets of 3 g each of Aluminium Phosphide are banned completely. (S.O.677 (E) dated 17<sup>th</sup> July, 2001)</p>
2.	Captafol	<p>The use of Captafol as foliar spray is banned. Captafol shall be used only as seed dresser. (S.O.569 (E) dated 25thJuly, 1989)</p> <p>The manufacture of Captafol 80 % powder for dry seed treatment (DS) is banned for use in the country except manufacture for export. (S.O.679 (E) dated 17<sup>th</sup>July, 2001)</p>
3.	Carbofuran	<p>All other formulations of Carbofuran except Carbofuran three percent Encapsulated granule (CG) along with the crop labels may be stopped from use ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
4.	Chlorpyriphos	<p>Chlorpyriphos is banned for use in Ber, Citrus and Tobacco. ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
5.	Cypermethrin	<p>Cypermethrin 3% Smoke Generator is to be used only through Pest Control Operators and not allowed to be used by the General Public. [Order of Hon,ble High Court of Delhi in WP(C) 10052 of 2009 dated 1407- 2009 and LPA-429/2009 dated 08-09-2009]</p>
6.	Dazomet	<p>The use of Dazomet is not permitted on Tea. (S.O.3006 (E) dated 31<sup>st</sup> Dec, 2008)</p>

7.	Dicohlro Diphenyl Trichloroethane (DDT)	<p>The use of DDT for the domestic Public Health Programme is restricted up to 10,000 Metric Tonnes per annum, except in case of any major outbreak of epidemic. M/s Hindustan Insecticides Ltd., the sole manufacturer of DDT in the country may manufacture DDT for export to other countries for use in vector control for public health purpose. The export of DDT to Parties and State Non- Parties shall be strictly in accordance with the paragraph 2(b) article 3 of the Stockholm Convention on Persistent Organic Pollutants (POPs). (S.O.295 (E) dated 8th March, 2006)</p> <p>Use of DDT in Agriculture is withdrawn. In very special circumstances warranting the use of DDT for plant protection work, the state or central Govt. may purchase it directly from M/s Hindustan Insecticides Ltd. to be used under expert Governmental supervision. (S.O.378 (E) dated 26<sup>th</sup> May, 1989)</p>
8.	Dimethoate	<p>Dimethoate is banned for use in fruits and vegetables that are consumed as raw food items. ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
9.	Fenitrothion	<p>The use of Fenitrothion is banned in Agriculture except for locust control in scheduled desert area and public health. (S.O.706 (E) dated 03<sup>rd</sup> May, 2007)</p>
10.	Malathion	<p>Malathion is banned for use on Sorghum, Pea, Soybean, Castor, Sunflower, Bhindi, Brinjal, Cauliflower, Radish, Turnip, Tomato, Apple, Mango and Grape. ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
11.	Mancozeb	<p>Mancozeb is banned for use on Guava, Jowar and Tapioca. ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
12.	Methyl Bromide	<p>Methyl Bromide may be used only by Govt. /Govt. undertakings/Govt. Organizations / Pest control operators under the strict supervision of Govt. Experts or Experts whose expertise is approved by the Plant Protection Advisor. [G.S.R.371 (E) dated 20<sup>th</sup> May, 1999 and earlier RC decision]</p>

13.	Monocrotophos	<p>Monocrotophos is banned for use on vegetables. (S.O.1482 (E) dated 10<sup>th</sup> Oct, 2005)</p> <p>1) The use of Monocrotophos 36% SL formulation is to be discontinued and no new certificate of registration for its manufacture shall be issued after publication of S.O. 4294(E) dated 3<sup>rd</sup> October, 2023.</p> <p>2) With an objective of providing alternatives of this formulation so that the farmers do not suffer losses due to non-availability of effective control against certain insect pests in specific crops, the label claims for other formulations of Monocrotophos may be extended in one-year period from the date of publication of S.O. 4294(E) dated 3<sup>rd</sup> October, 2023.</p> <p>3) After this period, all the certificates of registration of Monocrotophos 36% SL will stand cancelled. Sale, distribution or use of Monocrotophos 36% SL shall be allowed only for clearance of existing stock till its expiry period. ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
14.	Oxyfluorfen	<p>Oxyfluorfen is banned for use on Potato and Groundnut. ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
15.	Quinalphos	<p>Quinalphos is banned for use on Jute, Cardamom and Sorghum. ( S.O. 4294(E) dated 3<sup>rd</sup> October, 2023)</p>
16.	Trifluralin	<p>i. The Registration, import, manufacture, formulation, transport, sell and its all uses except use in wheat shall be prohibited and completely banned from 8<sup>th</sup> August, 2018.</p> <p>ii. A cautionary statement has to be incorporated in the label and leaflet that it is toxic to aquatic organism, hence should not be used near water bodies, aquaculture or pisciculture area. ( S.O 3951(E) dated 8<sup>th</sup> August, 2018)</p>