

1000000 Live Plant and Animal Material and Accessories and Supplies											
10190000 Pest control products											
10191500 Pesticides or pest repellents											
Commodity : Bifenthrin											
Selling Unit : mass-kg											
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation/ Remark	M	F	G	Demand aggregati on
REQUIRMENTS											
1	Constituents	Ch	The material shall consist of bifenthrin technical, together with suitable carrier(s), stabilizer(s), binder(s), and other formulant(s).					√			
2	Bifenthrin technical, employed in the formulation of this material shall conform to IS 15936.	Ch	Yes					√			
3	Description	Ch	The material shall be in the form of a fine, free flowing, beige or off-white to brownish white homogeneous powder, free from lumps and extraneous impurities. It shall wet readily on mixing with water providing a suspension for suitable use as spray					√			
4	Bifenthrin content percent (m/m)	Ch	Up to 9 (+10/-5)	Above 9 and below 50 (±5)	50 and above (+5/-3)			√	√	√	
5	Sieve test (particle retained on 300 mesh)Maximum, percent (w/w)	EN					N ≤ 3	√	√		
6	Wettability, in seconds, Max	EN					N ≤ 120	√	√		
7	pH of 5 percent suspension in distilled water	EN	7 to 9					√	√		
8	Alkalinity (as NaOH), percent by mass, Max	EN					N ≤ 0.3	√	√		
9	Suspensibility, percent by mass, Min	EN					N ≥ 60	√	√		
10	ANIONIC SURFACTANT OF NAPHTHALENE SULPHONIC ACID CONDENSATE, %, w/w	N	7.00					√			

11	LAURYL ALCOHOL CONTNSATE, %, w/w	N	3.00					√			
12	SODA ASH, %, w/w	N	0.20					√			
13	PRECIPATED SILICA, %, w/w	N	23.80					√			
14	CHINA CLAY, %, w/w	N	0.50					√			
15	Should be approved by NVBDCP	N	YES					√			
16	The offered product and its technical grade of the product, offered of the company, must be registered with central insecticide board	CH	YES					√			
17	Bifenthrin 10 % WP of the company should be approved by whopes to be used in public health	CH	YES					√			

Packing										
18	The material shall be packed in polyethylene pouches. Bulk quantity shall be packed in mild steel drums or fibre board containers lined with polyethylene liner. Closures provided shall be such as not to allow any materials to leak through them. These shall be leak proof and pilfer proof. In addition, the packing shall also comply with the general requirements as specified in IS 8190 (Part 1).	Ch	Yes						√	
19	Packing size (in kg)	Text							√	
20	Packing: the material shall be packed in 62.5 GMS water soluble sachets which then packed in 10 kg mild steel containers lined with polyethylene. These shall be leak and pilfer proof.	CH	YES						√	
21	The leaflet as approved by the registration committee should be affixed on the container and shall be printed in English and regional languages indicating product detail, direction for use , precautions, symptoms of poisoning and first aid with antidote, disposal of used containers, storage conditions and manufacturers name etc.	CH	YES						√	

Marking										
22	The container shall be marked legibly and indelibly with the following information and other additional information, as is required under the Insecticides Act, 1968, and Rules framed thereunder: a) Name of the material; b) Name and address of the manufacturer; c) Batch number or Code number; d) Date of manufacture; e) Date of expiry; f) Nominal bifenthrin content, percent (m/m); g) Net mass of contents; h) A cautionary notice as worded in Insecticides Act, 1968 and Rules framed thereunder; and j) Any other information required under Standards of Weights and Measures (Packaged Commodities) Rules, 1977	CH	YES						√	
23	The containers may also be marked with the ISI Certification Mark	CH	YES						√	
Shelf Life										
24	Shelf life: the expiry date i.e. the date up to which the insecticide shall retain its efficacy and toxicity shall be for a period for two years from the date of its manufacture.	CH	YES						√	
25	At the time when stores are offered, the life of the product should not have passed more than 1/6th of the effective life of the same counted from the date of manufacture	CH	YES						√	
Registration										
26	The product and the technical grade of the firm whose product is offered, must be registered with central insecticide board	CH	YES						√	

Certification										
27	Conforming to IS:15939(Latest)	CH	YES					√		
28	CM/L Number for ISI certification mark (Must declare)	CH	Text					√		
Test Report Details										
29	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes					√		
30	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes					√		