



A BROAD SPECTRUM BED DISINFECTANT

A new bed silkworm disinfectant, which prevents contamination and spread of diseases in silkworm crops.

Incidence of diseases leading to heavy loss of cocoon crops has become the constant worry of the Indian Sericulturists. The silkworm diseases are highly contagious and spread very easily among the individuals of a colony of silkworm. Use of bed disinfectant formulation to contain contamination and spread of the diseases has been quite successful in the field. The new bed disinfectant named as **RAKSHAK** jointly developed by Silkworm Seed Technology Laboratory & Shri Durga Biotech is a significant leap towards disease management and this has proved very effective in reducing the contamination and spread of diseases in silkworm crops.

RAKSHAK is a powder formulation containing certain safe chemicals and botanicals. It has completely different composition of chemicals vis-a-vis the existing bed disinfectants. The formulation is effective against different silkworm diseases. Unlike other bed disinfectants, **RAKSHAK** continues to be effective till next application. It is also cost effective.

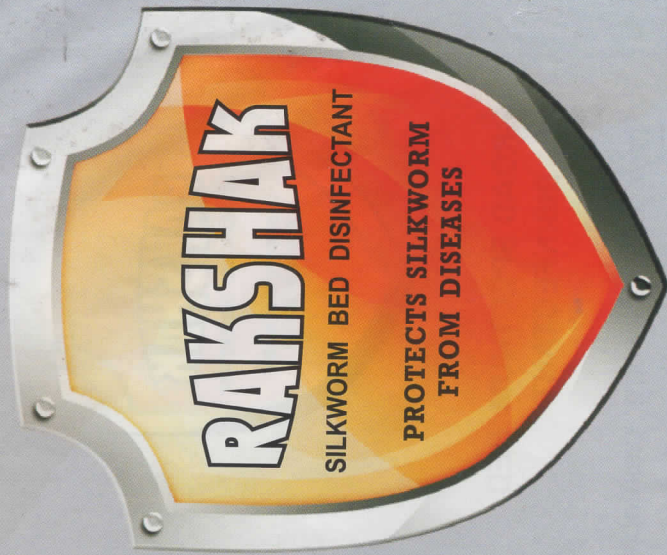
METHOD OF APPLICATION :

RAKSHAK powder has to be taken in a piece of clean muslin cloth and dusted over the silkworm in the rearing bed. Subsequent dusting is done after every moult, before resuming feeding. After dusting, feeding is resumed after a minimum duration of 15 minutes. Final dusting is done on the 4th day of Vth instar.

PRECAUTIONS :

1. Care should be taken to avoid leaves in the rearing bed during dusting.
2. After each application, care should be taken to tie the packet air-tight.
3. The packet once opened should be utilized within that rearing period.
4. After dusting, the cloth with the remaining powder should be preserved in a polythene cover or a wide mouthed plastic container.
5. It should be kept away from the reach of children.
6. The cloth or duster utilized should be new and should not contain any other insecticide. It should be utilized exclusively for dusting **RAKSHAK**.
7. Nose and mouth should be protected at the time of dusting.

Time of application			Quantity		
After 1st Moul, 15 Min. before feeding	30 g	Bivoltine Breed / Bivoltine Hybrid Multivoltine Breed	30 g	Cross Breed	
After 2nd Moul, 15 Min. before feeding	110 g		70 g		
After 3rd Moul, 15 Min. before feeding	450 g		350 g		
After 4th Moul, 15 Min. before feeding	1200 g		800 g		
After 4th day of 5th instar	3210 g		2250 g		
15 Min. before feeding	Total 5000 g		Total 3500 g		Total 4330 g



Technology Jointly Developed by :



SILKWORM SEED TECHNOLOGY LABORATORY
NATIONAL SILKWORM SEED ORGANISATION
CENTRAL SILK BOARD

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