



BioTitan[®] WP

Natural mycoinsecticide

*Biological control tool
against insect pests*

BioTitan[®] WP is the first Natural mycoinsecticide registered for turf in Canada (Organic certification is being applied for). The active ingredient is the living spores of the fungus *Beauveria bassiana* strain ANT-03 that was found and developed in Canadian soil. Currently BioTitan WP will be sold in a wettable powder form for the prevention or reduction of Chinch bugs and White grubs.

It can be applied with every type of spraying equipment.





BioTitan® WP

Natural Mycoinsecticide

Biological control tool
against insect pests



TECHNICAL SPECS

CANADIAN REGISTRATION
NUMBER : 33923

ACTIVE INGREDIENT
Beauveria bassiana
strain ANT-03

Containing at least
1x10¹⁰ spores/g

PACKAGING
12 x 500g

FORMULATION
Wettable powder

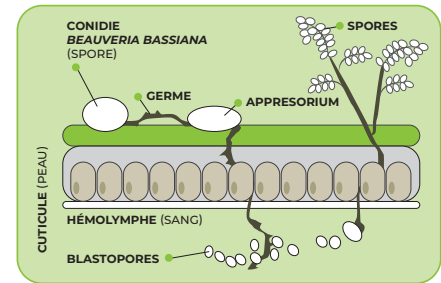
CHEMICAL GROUP
S/O biopesticide

ADVANTAGES

- Safe on pets and people as well as the environment;
- No phytotoxicity;
- Does not create resistance;
- Can be use in rotation with synthetic or organic insecticides;
- Compatible with other biological agents;
- No limit in the number of applications;
- Organic certification requested;
- Can be store for over 18 months at 4°C and 6 months at 20-25°C.

ACTION MODE

BioTitan WP is a contact insecticide and adheres to the cuticle (skin) of insects and subsequently infect them and cause death.



REGISTRATIONS

CROP	PEST	APPLICATION RATE	APPLICATION
Turf	Chinch bugs and larvae of European Chaffer and Japanese Beetle	4g to 8g / L water (40 to 80g / 100 m ²)	2 weeks prior to normal turf damages

PREPARATION DIRECTIONS

- Measure desired amount of **BioTitan WP** to cover the area to be treated (40g to 80g / 100m² in 8-10L of water) into a watertight container;
- Add 2L of tap water to prepare a pre-mix solution;
- Vigorously shake for 30-40 seconds until the solution is well mixed and look homogeneous;
- Add this pre-mix to your spray tank;
- Be sure to continuously agitate the mixture in the tank.

OPTIMAL APPLICATION

- Applications 2 weeks prior to traditional turf damage;
- Always maintain a fresh solution (Make only enough solution that can be applied in the morning and make another one for the afternoon);
- Light irrigation following a treatment for Chinch bugs ;
- Good irrigation after a White grubs treatment to allow the **BioTitan WP** solution to penetrate into the soil;
- Do not mix with a fungicide or Fiesta;
- Do not mix with hot water.

OPTIMAL CONDITIONS

- 18-29 °C and with relative humidity above 60%;
- Spray at the end of the day or in cloudy weather.

