

**"STOP! READ THE PAMPHLET BEFORE USING THIS PRODUCT,
CONSULT WITH A PROFESSIONAL IN AGRICULTURAL SCIENCES"**

BLACKFLAG 5 EC

INSECTICIDE – EMAMECTIN BENZOATE

ATTENTION

ANTIDOTE: DOES NOT EXIST

"THIS PRODUCT MAY BE FATAL IF SWALLOWED OR INHALED. IT MAY CAUSE DAMAGE TO THE EYES AND SKIN BY EXPOSURE."

"DO NOT STORE IN HOMES".

"KEEP AWAY FROM CHILDREN, PERSONS WITH MENTAL DISABILITIES, ANIMALS, FOOD, AND MEDICINE".

AGRONOMIC USE: Insecticide for agricultural use.

MODE OF ACTION: BLACKFLAG 5 EC is an avermectin class insecticide developed for the control of lepidopteran insects. This class of pesticide consist of homologous semi-synthetic macrolids that are derived from natural fermentation products of *Streptomyces* bacteria. It kills insects by disrupting neurotransmitters, causing irreversible paralysis. It is more effective when ingested, but it also somewhat effective on contact.

APPLICATION EQUIPMENT: BLACKFLAG 5 EC can be applied with backpack sprayers, tractor driven, or aerial spraying. Use a water volume of 100-200 L/ha for tractor driven equipment and 150-200 L/ha for aerial spraying. It is recommended to test the equipment at the equipment is in perfect working condition before use.



PREPARATION OF SPRAY SOLUTION: Thoroughly clean before preparing spray solution. Fill spray tank with clean water to reach 3/4 of the final spray solution volume. Begin agitation, continue agitation during mixing and application of spray solution. Add tank mix products in the following order: first add BLACKFLAG 5 EC then add other pesticides, and adjuvants if necessary. Make sure tank mix components are fully dissolved or in suspension. Add remaining water to fill the tank to 100% of spray solution required. Do not prepare more spray solution than required for immediate operation. Thoroughly clean spray tank after each day's use.

RECOMMENDATIONS FOR USE IN BELIZE:

CROP	PEST	DOSAGE
Corn (<i>Zea mays</i>)	Fall Armyworm larvae (<i>Spodoptera spp.</i>)	60-120 ml/acre

APPLICATION INTERVAL: Recommended application interval period is 7 to 14 days after last application to achieve maximum control. Alternate to a different mode of action after 2 sequential applications of BLACKFLAG 5 EC to help prevent resistance.

INTERVAL BETWEEN THE LAST APPLICATION AND HARVEST: It is recommended to apply product 30 days before harvest of crops.

RE-ENTRY INTERVAL TO TREATED AREA: A minimum of 24 hours should be observed after last application. If it is necessary to enter treated area after the product dries, wear personal protective equipment recommended for application use.

PHYTOXICITY: No observable effects at label rates and recommendations.

COMPATABILITY: BLACKFLAG 5 EC is compatible and can be applied with other agrochemical products of common use in agriculture. However, before preparing a tank mix for the first time, it is recommended to do a small-scale test. Not compatible with products having an alkaline reaction or strong acids.

PRECAUTIONS AND WARNINGS FOR USE

STORAGE AND TRANSPORTATION: Store and transport product away from food, drinking water, medications, and clothes for personal use. Transport product in its original container and make sure it is tightly closed. Store under lock and key in a cool, dry, and well-ventilated area.

"DO NOT STORE IN DWELLINGS. KEEP OUT OF REACH OF CHILDREN AND MENTALLY DISABLED PERSONS."

USE THE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT WHILE HANDLING, MIXING, LOADING AND APPLICATION OF THE PRODUCT: RUBBER GLOVES, LONG SLEEVED SHIRT, LONG PANTS, MASK, HAT, EYE PROTECTION, APRON. WASH THE EQUIPMENT AFTER APPLICATION IS FINISHED. DO NOT REUSE FOR OTHER PURPOSES.

DO NOT EAT, SMOKE, OR DRINK WHILE APPLYING OR HANDLING THIS PRODUCT. TAKE A SHOWER AFTER WORKING WITH THIS PRODUCT AND WEAR CLEAN CLOTHES.

SYMPTOMS OF INTOXICATION: Symptoms of acute intoxication may include nervous system effects such as confusion, somnolence, seizures, and respiratory depression, along with gastrointestinal symptoms like nausea, vomiting and abdominal pain.

FIRST AID:

IN CASE OF INGESTION: Do not induce vomiting. Take the patient immediately to the physician or to the nearest healthcare center. Take the information available of this product (label or pamphlet).

IN CASE OF CONTACT WITH SKIN: Remove contaminated clothing. Immediately wash the affected area with plenty of water and soap for 15 to 20 minutes. Take patient to the doctor or the nearest healthcare center. Take the information available of this product (label or pamphlet).

IN CASE OF INHALATION: Move patient from the contaminated area to a ventilated area. Take patient to the doctor or the nearest healthcare center immediately. Take the information available of this product (label or pamphlet).

IN CASE OF EYE CONTACT: Wash immediately with clean water for 15 to 20 minutes. Take patient to the doctor or the nearest health care center immediately. Take the information of the product available (label and pamphlet).

DO NOT GIVE A DRINK OR INDUCE VOMITING TO A PERSON IN AN UNCONCIOUS STATE

MEDICAL TREATMENT: No antidote. Treat symptomatically.

NATIONAL INTOXICATION CENTERS:

Belize Karl Heusner Memorial Hospital (501) 223-1340 / 223-1371

ENVIRONMENTAL PROTECTION MEASURES:

TOXIC TO BEES

TOXIC TO FISH AND CRUSTACEANS

"DO NOT CONTAMINATE RIVERS, LAKES, AND PONDS WITH THIS PRODUCT OR ITS EMPTY CONTAINERS OR PACKAGING"

PERSISTENCE & SPILLAGE: BLACKFLAG 5 EC is not persistent in soil and water. In case of spillage, prevent contamination of water and food. For spillage of product's solution or mixture, cover with sand or sawdust, sweep up and place in a separate tightly closed container identified for its subsequent removal / disposal according to local regulations.

PHYSICAL AND CHEMICAL HAZARDS: Under normal storage conditions, it is not considered flammable, explosive, or corrosive.

"RESPECT PROTECTED AREAS OF RIVERS, STREAMS, AND OTHER FRAGILE AREAS".

"DO NOT APPLY THIS PRODUCT IN WEATHER CONDITIONS THAT FAVOR RUNOFF OR PESTICIDE DRIFT".

"ENSURE THE PROTECTED AREAS NEAR WATER HAVE BUFFER ZONES (SUCH AS VEGETATION) THAT WILL REDUCE PESTICIDE DRIFT FROM CROP AREA."

MANAGEMENT OF CONTAINERS, PACKAGING, WASTE, AND REMNANTS:

Do not leave surpluses in the application equipment during any period. Do not use empty containers and packaging for other purposes. Do not dispose wastes in drains; dispose of products residues and containers as hazardous residues with all possible precautions. Triple rinse empty containers and use washings in with the product spray application; later, empty containers and packaging must be destroyed puncturing and delivering them to the nearest collection center or according to local laws. It is prohibited to dispose of residues or empty containers of **BLACKFLAG 5 EC** in dumps and/ or unauthorized or illegal sanitary landfills.



THE USE OF THE CONTAINERS OR PACKAGES DIFFERENTLY TO WHAT THEY WERE DESIGNED, PUTS AT RISK HUMAN HEALTH AND THE ENVIRONMENT.

WARRANTY NOTICE: The formulator guarantees that the content of this container is in accordance with the chemical composition indicated on the label. Not having control of the application, dosage and mixing with other products and other factors related to the direct use of this product. The formulator and distributor are not responsible for the results obtained as a result of misuse of this product. Buyer agrees that seller's maximum liability shall not exceed the purchase price of this product.



FORMULATED BY:

Crop Solutions Ltd.
Valley Of Peace Road, Banana Bank Area,
Cayo District, Belize C.A.
Email: office@cropsolutionsltd.com
Tel: +501-674-7220

**COUNTRY AND REGISTRATION NUMBER
BELIZE**