

VOLET INTERNE RECTO (SIDE 7)

MAELEZO KWA JUMLA
 AVAUNT 150EC ni dawa inayowaangamiza viwavi wa aina ya 'Diamond Back Moth' katika Kabeji na 'African bollworm' kwenye Nyanya. AVAUNT 150EC huziba mikondo ya Sodium katika neva za wadudu waharibifu. Baada ya kusumishwa, mdudu huwacha kula maramoja. Wadudu waliolengwa hufa kati ya masaa 24 – 60. AVAUNT 150EC inanguvu dhidi ya rika tofauti ya viwavi aina ya Lepidoptera na pia dhidi ya mayai ya wadudu kadhaa.

JINSI YA KUTUMIA
 Tumia Lita 1000 za maji kwa Hektari

MMEA	MDUDU (viwavi)	KIWANGO	PHI	MAELEZO
Nyanya	African Bollworm (<i>Helicoverpa armigera</i>)	250 ml/Ha 10.0 ml/20 L	Siku 1	Waweza kunyunyizia mara 1 hadi 6 ukizingatia kipindi cha siku 10 katikati.
Kabeji	Viwavi aina ya Diamond Back Moth (<i>Plutella maculipennis</i>)	250 ml/Ha 10.0 ml/20 L	Siku 1	Waweza kunyunyizia mara 1 hadi 3 ukizingatia kipindi cha siku 10 katikati.

NB: Kwa ujumla, rudia kunyunyizia baada ya kila siku 7-14.

Muda wa kusubiri uliopendekezwa ni kati ya wakati wa mwisho uliopyunyizia dawa na hadi kuvuna kwa soko la humu nchini; lakini huenda muda huo usipite viwango vya soko la nje. Ikiwa mavuno

yako ni yakuuza nchi za nje, pata ushauri kutoka kwa wanaouza bidhaa hizo nje ya nchi kabla ya kutumia dawa hasa kulingana na viwango vya MRL na muda wa kusubiri yaani PHI.

KUTAYARISHA DAWA
 Weka maji safi ndani ya bomba safi hadi kiasi cha robo tatu. Tingiza vizuri kiwekeo cha AVAUNT 150EC ili dawa ichanganyika kikamilifu. Ongeza kipimo kinachohitajika cha AVAUNT 150EC halafu changanya na kutingiza. Jaza sehemu iliyobaki kwa maji. Endelea kutingiza hata wakati unaponyunyizia dawa hii. Usitayarisha dawa nyingi kupita kiasi unachohitaji kwa siku.

UDHIBITI WA MVUKE WA DAWA
 Tahadhari mvuke wa dawa usipate kushika sehemu au mimea isiyolengwa unaponyunyizia. Mvuke wenye matone makubwa ni bora kwa kuwa unapunguza uwezekano wa dawa kupeperushwa na upepo. Ni bora zaidi kuzingatia hali ya hewa unapotaka kunyunyizia dawa kwa kupepuka nyakati za upepo mkali. Ni jukumu la mnyunyiziaji kukadiria uzuri wa bomba litakalofaa na lisiloweza kusababisha kupeperushwa kwa mvuke wa dawa.

IPM (INTEGRATED PEST MANAGEMENT)
 Kwa sababu ya ubora wa AVAUNT 150EC, isiyokuwa na madhara kwa wadudu muhimu, hupatana vyema na mfumo wa kilimo cha IPM. Fahamu kuwa wadudu muhimu hutegemea mimea na nchi inayozingatia. Hivyo basi ni vyema kupata ushauri zaidi kutoka kwa ofisa wa kilimo.

KUDHIBITI UKINZANI WA WADUDU
 Wadudu wengine (aina ya *Helicoverpa armigera*, *Spodoptera exigua*, *Cydia pomonella*) wamekuwa sugu dhidi dawa zingine zilizokwenye soko. Ukinzani unaposhuhudiwa, viwango vilivyopendekezwa hushindwa kuu au kudhibiti uharibifu wa wadudu hao. Hali hii ni ngumu kubashiri na hivyo ni vyema kushauriana na afisa wa kilimo katika sehemu yako. Kwa hio, utendaji kazi wa kipekee wa dawa hii ni bora katika kudhibiti ukinzani. Hakujatolewa taarifa kuwa dawa hii imeshindwa kutenda kazi. Maagizo yafuatayo, yatakusaidia kuzuia wadudu waharibifu kikamilifu kwa muda mrefu:

- Penye uwezekano, badilisha na dawa zingine kama vile *carbamate*, *pyrethroid*, *organophosphate*, *acyl urea*.
- Fuatilia kwa makini idadi ya wadudu waharibifu kwenye shamba na unyunyizie tu inapokuwa dhahiri kuwa watasababisha hasara. Waweza kunyunyizia zaidi ya mara moja kwa msimu.
- Fuata maagizo yaliyo kwenye kibandiko cha dawa hii kuhusu viwango vya dawa, muda wa kusubiri kabla kurudia na wakati mwafaka wa kunyunyizia.

Dawa hii haina madhara kwa wadudu wenye manufaa kwa mkulima na pia *mites* ambao watasalia hata baada ya kunyunyizia. Wadudu hawa husaidia kupunguza idadi ya wadudu waharibifu na hivyo basi kupunguza hali ya ukinzani.

KUTOOSHWANA WA MVUA
 Ikiwa mnyunyizi wa AVAUNT 150EC umenata kwa mimea, hakuna haja ya kurudia unyunyiziaji hata mvua ikinyesha baadaye.

(SIDE 1)

TAHADHARI
 Jikinge dhidi ya dawa kuguzwa ngozi au kuingia machoni au kupumua mvuke wake. Ikiwa kutakuwa na ajali ya kusumishwa, fuata maelezo ya huduma ya kwanza kama ilivyoelezwa hapo chini, na ikilazimu, pata ushauri au huduma ya daktari. Usichafue mazingira, maji au kuweka hatarini binadamu au wanyama unaponyunyizia. Ni sumu dhidi ya wanyama wa maji kama vile samaki. Sharti dawa hii itumiwe kwa njia na maagizo yanayofaa na yanayofuatwa wakati wa kutumia dawa zozote za wadudu.

UTUMIZI
 Valia mavazi ya kujikinga (*coveralls*, viziuzi vya mikono (*gloves*) na uso (*face protection*)). Wear suitable protective clothing (coveralls, gloves, and face protection). Vua nguo ulizovalia wakati wa kunyunyizia kisha uvae nguo zingine safi halafu uzioshe vizuri. Usile, usinywe au kuvuta sigara unaponyunyizia dawa hii na kabla ya kusafisha bomba au kuoga kwa sabuni na maji.

KUSAFISHA BOMBA
 • Punde baada ya kunyunyizia, mwaga masalio ya dawa kutoka kwa bomba
 • Sunza kabisa na kuosha sehemu zote za bomba kwa maji safi
 • Tilia maanani kanuni zote za kujikinga unapoosha bomba
 • Usiooshee karibu na visima, vidimbwi au mito

KUHIFADHI
 AVAUNT 150EC sharti ihifadhiwe kwenye chombo chake asili kilichofunikwa vizuri pahali pakavu pasipo na joto na penye hewa safi. Ifungie kwa kufuli mbali na vyakula, vinywaji, vyakula vya mifugo na vyombo vinavyotumiwa kuweka vyakula na vinywaji hivyo. Mara tu ikishafunguliwa, inabidi uhakikishe kwamba chombo chake kimefungwa vizuri kabla ya kuhifadhi. Usiweke penye joto nyingi au baridi sana. Hifadhi mbali na watoto.

FACE CACHÉE RECTO (SIDE 2)

UTUPAJI
 Usitumie chombo cha kuweka dawa kwa matumizi mengine. Ondosha vyombo vilivyoisha dawa kwa kutoboa, kubonda, kisha kuchoma au kuzika pahala palipoidhinishwa. Usimwage mabaki ya dawa au maji iliyotumiwa kuosha vyombo kwa mifereji ya maji machafu. Tupa mabaki ya dawa pahali palipoidhinishwa.

MADHARA KWA MAZINGARA
 AVAUNT haiwadhuru nyuki lakini mazoea mazuri ya ukulima yana sema kuwa dawa hii sharti itumiwe wakati nyuki hawafanyi kazi (kwa mfano, nyunyizia asubuhi na mapema au masaa ya mwisho mwisho ya jioni). Kwa mimea maalumu inayozalishwa na nyuki, inapendekezwa kwamba mzinga wa nyuki ufungwe na nyuki kuzuliwa kwa mda wa masaa 24 baada ya kunyunyizia AVAUNT.

MAELEZO YA HUDUMA YA KWANZA
 Maelezo kwa jumla: Usimlishe au kumnywesha mwasiriwa aliyepoteza fahamu. Ikipumuliwa: Mweke mahala penye hewa safi. Mpe hewa ya *Oxygen* au chombo cha kumsaidia kupumua ikilazimu. Pata ushauri au huduma ya daktari.

THIBITISHO
 Dhamana ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mfunuzi lazima akubali hatari zozote zinazoweza kutokea kutokana na matumizi ya dawa hii, kwenye binadamu au mali na lazima aikubali dawa hii katika hali hiyo.

IKINGIA MACHO: Shikilia jicho (macho) wazi na kusunza taratibu kwa maji safi kwa muda wa dakika 15-20. Mwasho wa macho ukizidi, pata huduma ya daktari.

IKIMEZWA: Pata matibabu haraka. USIMULAZIMU mwasiriwa kutapika ila tu kwa ushauri wa daktari. Ikiwa mwasiriwa amepoteza fahamu: Sunza mdomo wake kwa maji.

MAELEZO YA SUMU / ARIFA KWA DAKTARI
Dalili ya sumu
 AVAUNT yaweza kuwasha ngozi au macho. Inaweza kusababisha maumivu inapoguzwa ngozi.

Makata: Hakuna dawa ya kutibu inayojulikana.

Tiba: Tibu kulingana na ishara zinazoonkana.

PELEKA MJERUHI KWA DAKTARI
Wakati wa dharura piga simu bila malipo 0800 730030/0800 720021 (masaa 24)

ILANI KWA MTUMIAJI
 Dawa hii lazima itumiwe kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuhifadhi dawa hii katika hali isiyosalama.

THIBITISHO
 Dhamana ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mfunuzi lazima akubali hatari zozote zinazoweza kutokea kutokana na matumizi ya dawa hii, kwenye binadamu au mali na lazima aikubali dawa hii katika hali hiyo.

(SIDE 3)

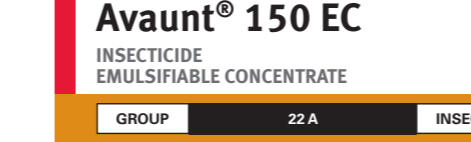
See Batch No., Date of manufacture and expiry date on the side. (Angalia nambari ya furushi na tarehe ya kutengenezwa pembeni)

Shelf Life: 2 years from the date of manufacture if stored in unopened original container in a dry cool place
Maisha rafuni: Miaka miwili baada ya tarehe ya kutengenezwa iwapo dawa hii itawekwa kwa chombo chake asili bila kufunguliwa mahali pakavu na pasipo na joto.



Registered trademark of (Alama ya biashara ya kampuni ya) Du Pont de Nemours & Co. (Inc.)

FACE PRINCIPALE RECTO (SIDE 4)



In case of emergency call toll free numbers 0800 730030/0800 720021 (24hrs)/ Wakati wa dharura piga simu bila malipo 0800 730030/0800 720021 (masaa 24).

K-35579/31411 - KENYA

Registered trademark of (Alama ya biashara ya kampuni ya) Du Pont de Nemours & Co. (Inc.)

(SIDE 5)

READ THE LABEL BEFORE USING (SOMA KIBANDIKO KABLA YA KUTUMIA)

INSECTICIDE INDOXACARB
 AVAUNT 150EC is an Insecticide for control of Diamond back moth in cabbage, African bollworm in Tomatoes.

AVAUNT 150EC ni dawa inayowaangamiza viwavi wa aina ya 'Diamond Back Moth' katika Kabeji na 'African bollworm' kwenye Nyanya.

COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA BIASHARA NA KILIMO)

GUARANTEE (DHAMANA): Indoxacarb 150 g/L

REGISTRATION No. (Nambari ya usajili): PCPB (CR) 1021

KEEP OUT OF REACH OF CHILDREN (WEKA MBALI NA WATOTO)

VOLET PRINCIPAL RECTO (SIDE 6)

Registrant / Wasajiliwa:
 DuPont International Operations Sàrl (DIO Sàrl)
 2, Chemin du Pavillon - CH-1218 Le Grand-Saconnex, Geneva, Switzerland

Manufacturer / Watengenezaji:
 Du Pont, Platte Chemical Company
 P.O. Box 5156 931 Platte Road
 Greenville, Mississippi 38701, USA

Agent:
 Du Pont de Nemours Kenya Limited
 P.O BOX 29171- 00100, NAIROBI, KENYA.
 Tel: + 254 20367500

Distributor / Msanzaji:
 Elgon Kenya Limited
 Eastgate Rd. Off. Mombasa Rd.
 P.O.Box 46826-00100 - Nairobi (Kenya)
 Tel: +254-20-6534410 - Fax: +254-20-6534807 - www.elgonkenya.com



OPEN HERE

VOLET PRINCIPAL VERSO (SIDE 8)

GENERAL INFORMATION

AVAUNT 150EC is an Insecticide for control of Diamond back moth in cabbage, African bollworm in Tomatoes.

AVAUNT 150EC blocks sodium channels in insect nerve cells. Following intoxication, the insect quickly stops all movement including feeding. Susceptible insects die within 24 - 60 hours of intoxication.

AVAUNT 150EC is active against all larval stages of lepidoptera pests and also shows ovicidal activity on some species.

RECOMMENDATIONS FOR USE

Use 1000 L of water per Hectare

CROP	PEST	RATE	PHI	REMARKS
Tomato	African Bollworm (<i>Helicoverpa armigera</i>)	250 ml/Ha 10.0 ml/20 L	1 day	Applications can be done 1-6 times with 10-day interval per crop per season
Cabbage	Diamond Back Moth (<i>Plutella xylostella</i>)	250 ml/Ha 10.0 ml/20 L	1 day	Applications can be done 1-3 times with 10-day interval per crop per season

NB: Repeat spray to be done at an interval of 7 - 14 days.

The recommended withholding period between last application and harvest meets local residue requirements but may not meet export

requirements. If the treated crop is intended for the export market, consult the relevant exporting body before application of the product regarding the Maximum Residue limits (MRL) and applicable pre-harvest interval (PHI) requirements.

PREPARATION OF SPRAY

Fill a clean knapsack sprayer with clean water up to three quarters of its volume. Thoroughly shake the container of AVAUNT 150EC to ensure an uniform suspension. Add the required amount of AVAUNT 150EC and start agitation. Complete the filling of the knapsack sprayer with water. Continue agitation during spraying. Do not prepare more spray liquid than necessary.

SPRAY DRIFT MANAGEMENT

Special care must be taken to avoid spray drifts outside the target area, or onto ponds, waterways or ditches. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly or under unfavourable environmental conditions. It is the responsibility of the applicator to determine that a sprayer is suitable for the intended application, is configured properly, and that a drift is not occurring.

INTEGRATED PEST MANAGEMENT (IPM)

As a result of its favorable profile with respect to beneficial insect arthropods, pollinators and insect parasitoids AVAUNT fits well in with an integrated pest management program (IPM). Important beneficial mites and insects vary by crop and by country. Please consult your local distributor or advisor for information regarding applications of AVAUNT in IPM program.

RESISTANCE MANAGEMENT

Some insects (*Helicoverpa armigera*, *Spodoptera exigua*, *Cydia pomonella*) have developed resistance to commercially available products. When resistance occurs, recommended rates fail to suppress the pest population below economic thresholds. The onset of resistance cannot be predicted and local advisors should be consulted for resistance management recommendations. As a result of its unique mode of action, Indoxacarb is ideally suited for applications where resistance management is important. Whilst there is no evidence of insect resistance to Indoxacarb, these guidelines will maximize the effective life of the product:

1. Where appropriate, alternate Indoxacarb with compounds from different chemical classes (e.g. carbamate, pyrethroid, organophosphate, acylurea).
2. Monitor insect populations and apply Indoxacarb when locally determined economic thresholds are reached. More than one application may be necessary for any one infestation.
3. Follow label recommendations precisely for rates and spray intervals and the optimum timing to apply Indoxacarb.

Indoxacarb respects beneficial insects and mites, which will remain after treatment and can help control remaining pest populations resulting from application deficiencies. Surviving beneficial insects provide an additional selection pressure on the pest population and can help reduce the risk of pest resistance.

RAIN FASTNESS

As long as an application of AVAUNT 150EC has dried on the plant there is no need to re-treat in the event of rain.

VOLET INTERNE VERSO (SIDE 9)

HAZARDS/PRECAUTIONS

Avoid contact with skin and eyes and avoid inhaling the product dust or spray mist. In case of accidental intoxication, see under "First Aid Measures" for practical treatment, and if necessary call for medical attention. Do not contaminate environment and water and do not endanger humans and animals by spray drift. The product is toxic to aquatic life. The product should be handled and used with the normal care and caution that should be exercised in dealing with other pesticides.

HANDLING

Wear suitable protective clothing (coveralls, gloves, and face protection). Remove personal clothing immediately after handling. Wash thoroughly and change into clean clothes. Abstain from eating, smoking and drinking before accomplishing spray operation and cleaning up all contaminated skin parts with soap and water.

SPRAY TANK CLEANING

- Immediately after application, completely drain spray equipment.
- Thoroughly rinse sprayer and flush the hoses, boom and nozzles with clean water.
- Take all necessary safety precautions when cleaning equipment.
- Do not clean near wells, water sources.

STORAGE

AVAUNT 150EC must be kept in its original tightly sealed container in a cool, dry and well ventilated place under lock and key away from food stuffs, drinks, animal feed and packaging materials used for these commodities.

Once it is opened, it is important to ensure that the pack is tightly closed before storage. Protect against extreme temperatures. Store out of reach of children.

DISPOSAL

Never re-use empty containers. Dispose empty container by puncturing, and or crushing, then burning or burying in a safe and authorised place. Do not dispose off concentrate or spray solution in domestic sewer systems. Dispose off unused product in a safe and authorised place.

ENVIRONMENTAL HAZARDS

AVAUNT is not toxic to honey bees or bumble bees but good agricultural practice suggests that the product should be used when bee pollinators are not active (for example apply early in the morning or late in the evening). For protected crops pollinated by bumble bees, it is recommended that the bumble bee hive is closed and bumble bees contained for a period of 24 hours after treatment with AVAUNT.

FIRST AID INSTRUCTIONS

General advice: Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air. Supply Oxygen or artificial respiration if needed. Consult a physician.

Skin contact: Wash off immediately with soap and plenty of water. Take off contaminated clothing and shoes immediately. In the

case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before re-use.

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. If eye irritation persists, consult a specialist.

Ingestion: Obtain medical attention. DO NOT induce vomiting unless directed to do so by a physician or poison control centre. If victim is conscious: Rinse mouth with water.

TOXICOLOGICAL INFORMATION / NOTE TO MEDICAL DOCTOR

Symptoms of poisoning
AVAUNT 150EC may cause eye or skin irritation. It may cause sensitisation by skin contact.

Antidote: No specific antidote.
Treatment: Treat symptomatically.

In case of emergency call toll free numbers 0800 730030/0800 720021 (24hrs).

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control product under unsafe conditions.

WARRANTY

Seller's guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.