

DESCRIPTION
ABALONE 18 EC is a naturally derived miticide and insecticide for use on Roses and French beans.
MODE OF ACTION
ABALONE 18 EC is a broad-spectrum pesticide, which inactivates arthropod species by stimulating the presynaptic release of the inhibitory neurotransmitter, gamma-aminobutyric acid (GABA), binding to the postsynaptic receptors. The susceptible insects and mites become irreversibly paralysed and are thereby killed.
DIRECTION FOR USE
 Recommendations for use.

CROP	PEST	RATE OF APPLICATION
Roses	Spidermites	25 - 50ml/100L of Water or 250-500 ml/ha
French Beans	Spidermites and Leafminers	10ml/20 L of Water or 250 ml/ha

Application Timing and Technique
 Start applying **ABALONE 18 EC** when first sign of spider mite infestation is seen or as soon as the population reaches a threshold of 3-5 mites in mobile stage per leaf. Ensure that even and thorough coverage of all plant surfaces is achieved by applying **ABALONE 18 EC** using a spray volume of 1000-2500 L/ha for the control of spider mites.

Spray preparation
 Half fill the spray tank (knapsack) with water. Add the required amount of **ABALONE 18 EC**, then fill the water to the required level and mix or agitate thoroughly to uniformity. Ensure that the mixture is used the same day.
Compatibility
 Wetters, spreaders or other adjuvants should not be added to **ABALONE 18 EC** spray solution.

Resistance Management
 Because of the inherent risk of developing pest resistance, it is recommended that **ABALONE 18 EC** be used in a sound resistance management programme that includes the use of other products with different mode of action. Do not use **ABALONE 18 EC** more frequently than at 7 days interval where pest pressure remains high. **ABALONE 18 EC** should be used in rotation with other products for ornamentals six treatments should not be exceeded in a season.

PHI (Pre harvest interval): French beans - 7 days.
Re-entry interval
 It is safe to enter sprayed greenhouse after the pesticide spray has dried.
HAZARDS / PRECAUTIONS

Handling
 Wear protective clothing namely; overalls, impermeable hand gloves and boots, and face shield when preparing the spray mixture when spraying and cleaning up the spray equipment. In addition wear respiratory mask and hat when applying indoors. DO NOT inhale the spray mist, AVOID CONTACT with skin, eyes and clothing. DO NOT apply upwind and STAY AWAY from the spray mist. DO NOT smoke, drink or eat when handling **ABALONE 18 EC**.
After work
 Change protective clothing and wash hands and face thoroughly with soap and clean water. Wash the spraying equipment and contaminated clothing carefully.

Storage: Store in original tightly closed container in a cool dry place, safely locked, away from food and animal feed stuff, animals and unauthorized persons.
Disposal: Puncture or crush empty containers before disposal in a safe, authorized place. Do not re-use empty containers for any other purpose. Pesticide spray mixture or rinseate that cannot be used MUST be disposed off where it cannot contaminate surface water and wildlife.

WILDLIFE AND ENVIRONMENTAL PROTECTION
ABALONE 18 EC is toxic to fish, other aquatic organisms and bees. DO NOT contaminate water used for irrigation or domestic purpose and other surface water areas DO NOT spray when bees are actively foraging.
FIRST AID INSTRUCTIONS

If inhaled: Remove the patient from the danger zone and keep the subject calm in fresh air.
 If in contact with skin: Take off contaminated protective clothing and wash the skin with soap and clean water thoroughly.
 If in contact with eyes: Hold the eyes open and flush with a steady gentle stream of clean water for 15 minutes.
 If swallowed: Do not induce vomiting, wash (rinse) the mouth in case the subject is unconscious do not give anything by mouth. Keep the patient calm in a lateral head down position.

IN ALL CASES SEEK MEDICAL ATTENTION AS SOON AS POSSIBLE
TOXICOLOGY INFORMATION
ABALONE 18 EC is harmful if swallowed and irritant to skin and eyes.

Symptoms of Poisoning
 Includes eye and skin irritation leading to skin inflammation that is characterized by itching scaling, reddening, or occasionally blistering. If swallowed it may be fatal.
TREATMENT
 There is no specific antidote. Treat the patient symptomatically.

Incase of emergency call toll free Number: 08007210020/0800730030(24Hrs)

NOTICE TO USERS
 This pest control product is to be used in accordance with the directions on the 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 property or persons from the use of this products and accepts the product on that condition.



ABALONE 18 EC

Insecticide and Miticide for the control of Spidermites in Roses, Spidermites and Leafminers in French Beans.

GUARANTEE (DHAMANA): Abamectin..... 18g/L

REGISTRATION: PCPB(CR)0323 (NAMBARI YA USAJILI)

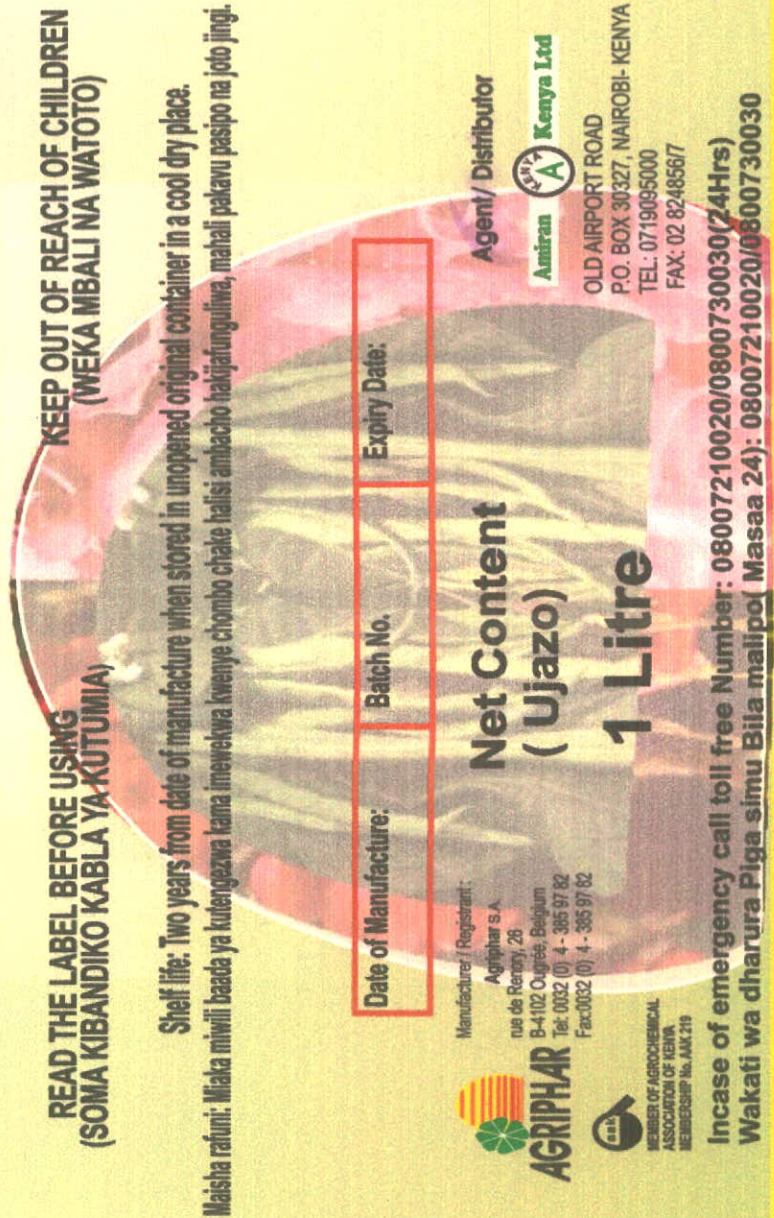
COMMERCIAL AND AGRICULTURAL CLASS (KIKUNDI CHA BIASHARA NA KILIMO)



READ THE LABEL BEFORE USING (SOMA KIBANDIKO KABLA YA KUTUMIA)
KEEP OUT OF REACH OF CHILDREN (WEKA MBALI NA WATOTO)

Shelf life: Two years from date of manufacture when stored in unopened original container in a cool dry place.

Maisha rafuti: Miaka miwili baada ya kutengwa kama imevekwa kwenye chombo chake halisi ambacho haijafunguliwa, mahali pakavu pasipo na joto jingi.



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Incase of emergency call toll free Number: 08007210020/0800730030(24Hrs)
Wakati wa dharura Piga simu Bila malipo(Masaa 24): 08007210020/0800730030



HARMFUL

MAELEZO

ABALONE 18 EC ni dawa ya kisiali ya kuua karina na wadudu wanaoambukiza mimea ya mapambo na maharagwe. **INAYOFANYA KAZI**
ABALONE 18 EC hua Karina na 'leafminer' ikivaguzwa mwilini, na pia kabla na baada ya kuangua. Huua karina wanaoshida madawa ya 'organophosphates' na 'Pyrethroids'
MAPENDEKEZO YA MATUMIZI
 Kwango cha matumizi

Mimea	Wadudu	Kipimo kwa cha matumizi
Waridi	Karina	Miliita 25-50/Lita 100 ya maji au miliita 250-500/hekta
French beans	Karina/Leafminer	Miliita 10 kwa lita 20 au miliita 250/hekta

JINSI NA WAKATI WA KUTUMIA
 Anza kunyunyiza **ABALONE 18 EC** wakati karina zinapoonekana au wakati kwango cha karina zinazotembea kimezidi 3-5 kwa kila tawi nyunyiza kwa kutumia kwango cha maji (lita 1000-2500 kwa hekta) ili kuhakikisha mchanganyiko wa dawa umesambazwa vizuri kwenye kila sehemu ya mimea na matawi. Rudia kunyunyiza **ABALONE 18 EC** baada ya siku 7 hadi 14.

Kutayarisha dawa
 Changanya kiasi kinachohitajika cha **ABALONE 18 EC** kwa kiasi kidodo cha maji, ongeza kiasi cha maji kilichosalia na uendee kukuingiza bomba au kukoroga mchanganyiko wa dawa. Tumia mchanganyiko wa dawa siku uliotengenezwa.

Upatanishwi
 Usitmie dawa aina ya 'spreader' 'sticker' au 'adjuvant' pamoja na **ABALONE 18 EC**.

Maelezo kwa mtumiaji
 Dawa hii inaweza kupoteza uwezo wa kukinga mimea dhidi ya karina na wadudu iwapo hatitumiwa kulingana na mapendekezo yaliyo kwenye kibandiko. Watumiaji wanashauriwa watumie **ABALONE 18 EC** wakifutatanisha na madawa mengine yanayofanya kazi kwa njia tofauti. Usitumie **ABALONE 18 EC** iwapo kipindi cha siku saba hakijapita baada ya mnyunyizo wa mwisho. Kama idadi ya wadudu bado ni kubwa futaanisha mnyunyizo wa **ABALONE 18 EC** na madawa mengine. Kwa mimea ya aina ya mapambo, usizidishie unyunyuzaji wa **ABALONE 18 EC** zaidi ya mara sita kwa msimu.

Muda salama wa kuvuna: Maharagwe siku - saba (7)
MUDA SALAMA WA KUNINGIA SHAMBANI
 Ni salama kwa mkulima, mfanyi kazi kuingia shambani wakati wowote iwapo mchanganyiko wa dawa na maji uliunyunyiziwa unekauka.

TAHADHARI
Matumizi
 Vaa ngao la kujikinga, viatu na viziwi wa mikono na osho ('face shield') unapotarisha mchanganyiko wa dawa na maji, unaponyunyiza dawa na kuosha vyombo vya kunyunyiza dawa. Unaponyunyiza dawa ndani ya 'greenhouse' vaa kofia na kizuizi cha pua, jinaadhi usipumue mvuke wa dawa, mchanganyiko wa dawa usingie kwenye macho au kumwagikia ngozi na nguo ulizovalia. Usinyunyizie dawa hii ukelekea upande upepo unakotoka. Usivute sigara na usile wala kunyua wakati unapotumia dawa hii.

Baada ya kazi
 Vua nguo za kazi na viziwi vya kujikinga, oga mikono na uso kwa kutumia sabuni na maji. Safisha bomba la kunyunyiza dawa na mavasi yaliyowagikiwa na dawa.
Kuhifadhi: Hifadhi dawa hii katika xthombo cghathake asili ambacho kimefunikwa sawa sawa na kuweka kwenye ghalala la madawa iliiochinishwa. Nilazima watoto na watu wasiontishiwa wakatazwe kuingia kwenye ghalala la madawa.
Utupaji: Safisha mikoba wa dawa iliyoisha mara tatu kisha ubonyeze au ubonyeze na utupe au uzike mabali na maji.
 Mchanganyiko wa dawa ambayo haiwezi kutumiwa ni lazima ilupiliwe mbali mahali ambapo ni salama panapokubaliwa na mbali na maji. Usitumie mikoba wa dawa kmizi mengine yoyote.

MADHARA KWA MAZINGIRA
ABALONE 18 EC ni suru kwa samaki, viumbe vingine vya maji na nyuki. Usichafue maji ya kunyunyiza shambani au yanayotumiwa nyumbani kwa kunyunyiza, kumwagia mabaki, kutupa, au kusunza mikoba wa **ABALONE 18 EC** kwa mto, visima au vidimbwi na chemu chemu. Usinyunyizie **ABALONE 18 EC** wakati mli, mimea au kwekwe zinapochanua maua.

MAELEZO YA HUDUMA YA KWANZA
MAJUMUIWA: Pumzista ngonywa mahali ambapo ni salama. Ikimwagikia ngozi: Osha kwa kutumia maji na sabuni.
IKINGIA KWA MACHO: fungua macho na usafishe kwa maji yanayotirika kwa muda wa dakika 15.
IKIMEZWA: mifuoshe mjeruhi mdomo na usafishe kwa maji yanayotirika kwa muda wa dakika 15.
 mjenchi kwa kumfanya alele kichwa kikiangalia chini.

MAJUMIWA YAKIZIDI, MPELEKE MJEUHI KWA DAKTARI.
Maelezo kuhusu suru.
ABALONE 18 EC ni suru ikimezwa, ikipumuliwa, ikimwagikia ngozi na ikingia kwenye macho.
 Ni kuwashwa kwa macho na ngozi ikiambatana na kuvimba, kuparara, na ngozi kuwa nyekundu. Kumeza **ABALONE 18 EC** kunaweza kusababisha kifo.

Tiba: Hakuna tiba maalum. Mitibu ngonywa kulingana na dalili za maumivu.
Wakati wa dharura Piga simu Bila malipo(Masaa 24): 08007210020/0800730030

ILANI KWA MTUMIAJI
 Dawa hii sharti itumie kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa ya kuangamiza wadudu waharibu kutumia au kuhifadhi dawa hii katika halli isiyu salama.

THIBITISHO
 Dhamana ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mnuuzi lazima akubali hatari zozote zinazoweza kutokana na matumizi ya dawa hii kwa binadamu au mali na lazima akubali dawa hii katika halli hiyo.