



# AGIL

A systemic selective post-emergence herbicide for control of annual and perennial grass weeds in a wide spectrum of broadleaf crops.

Dawa ya kuua magugu aina ya nyasi zilizochipuka kwenye mimea yenye majani mapana.

OPEN HERE



HERBICIDE



**GUARANTEE (DHAMANA):**  
Propaquizafop 100 g/l, EC

Commercial and Agricultural class • Kwa biashara na kilimo  
Registration number / Namba ya Usajili: TPRI HE/0150

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

1 Liter

JS 378A/1

# ADAMA



CAUTION



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## **MAELEZO**

AGIL 100 EC ni dawa ya kuangamiza magugu wa aina za nyasi ambazo zimelipuka kwenye mimea ya maharagwe ya kawaida, 'French' na 'runner beans', njegere za kawaida, snow peas, na 'sugar snaps', wazi, 'oil seed rape', 'soyabean', 'broccoli', 'cauliflower', karoti, celery, vitungu saumu na ya kawaida/leek', 'lettuce', pilipili na nyanya.

## **JINSI INAVYOFANYA KAZI**

AGIL 100 EC hupenya haraka ndani ya majani ya magugu ya aina ya nyasi na kuangamiza kwa kuhitilafiana na utengenezaji wa viungo maalum katika sehemu zinazokuwa.

## **MAPENDEKEZO YA MATUMIZI**

Viwango vya matumizi vya AGIL 100 EC hulingana na kiasi, ukuwaji na aina za magugu zilizoko.

## **VIWANGO VYA MATUMIZI**

<b>Aina ya magugu</b>	<b>Kiwango cha ukuwaji</b>	<b>(Lt/Ha)</b>
Magugu Aina ya Nyasi zinazodumu msimu mmoja	majani 3 mpaka majani	0.5-1.0
	Majani 5 na kuendelea	1.0-1.2
Magugu Aina ya Nyasi zinazodumu zaidi ya msimu mmoja	urefu wa centimita (15-20 cm)	1.0-2.0
	urefu wa centimita (15-20 cm)	1.0-2.0
Sorghum halepense	Urefu wa centimita (30-40 cm)	0.7-1.5

## **WAKATI WA KUTUMIA**

AGIL 100 EC inaweza kutumiwa wakati wowote wa msimu wa mmea baada ya magugu aina ya nyasi kuota. AGIL 100 EC huua nyasi ambazo ni changa kwa urahisi kuliko zile ambazo zimekomaa. Kwa matokeo bora, ni lazima AGIL 100 EC inyunyiziwe wakati magugu bado ni changa.

## **JINSI YA KUTUMIA**

AGIL 100 EC inaweza kunyunyiziwa kwa kutumia tinga na kifaa maalum cha kunyunyuzia dawa, bomba linalobebwa mgongoni au ndege. Hakikisha yakwamba vyombo vya kunyunyuzia dawa vimerekebishwa vipasavyo kabla ya kutumia. Unaponyunyiza dawa, usipunguze mwendo na usiruhusu dawa kuvuja inje ya bomba ili kuhakisha dawa imasambazwa vizuri kwenye mimea.



### **KIASI CHA MAJI**

Mashine ya trakta (boom sprayer):

Ndege:

Bomba la kawaida:

Lita 200-400 kwa hekta.

Lita 30-50 kwa hekta.

Zaidiya lita 80 kwa hekta.

### **KUTAYARISHA DAWA**

Jaza kiwango nusu cha maji katika bomba la kunyunyizia dawa. Changanya kiasi kldogo cha maji na kiasi Kinachohitajika cha AGIL 100 EC kwenye chombo tofauti na baadaye, nyuniza huu mchanganyiko wa dawa na maji katika bomba la kunyunyiza dawa. Ongeza kiasi cha maji kilichostalia na uendelee kutingiza bomba. Hakikisha dawa na maji yamechanganyika vizuri kabla ya kutumia. Tumia mchanganyiko wa dawa na maji siku uliotangeneza.

**MUDA SALAMA WA KUINGIA SHAMBANI** Masaa 24 baada ya kunyunyizia dawa.

### **TAHADHARI**

**Matumizi:** Vaa ngao la kujikinga, vizuizi vya macho, uso (face shield) na mikono, viatu visivyopenya maji unapotayarisha mchanganyiko wa dawa na maji na unaponyunyizia dawa uongezee mavazi maalum ya kujikinga mwili (overall). Jihadhari usipumue mvuke wa dawa, mchanganyiko wa dawa usiingie kwenye macho au kumwagikia kwenye ngozi na nguo ulizovaa. Usinyunyizie dawa hi ukielekeza upande upepo unakotoka. Hakikisha usinyunyizie dawa hii kwa nyasi za mifugo, mimea iliokaribu na sahamu yenye maji.

Usivute slgara na usile wala kunywa wakati unapotumia dawa hii.

### **BAADA YA KAZI**

Vua nguo za kazi na vizuizi vya kujikinga, osha mikono na uso kwa kutumia maji na sabuni. Safisha bomba la kunyunyizia dawa na mavazi yaliyomwagikiwa na dawa kwa uangalifu.

### **KUHIFADHI**

Hifadhi dawa hii katika chombo chake asili ambacho kimefunikwa sawa sawa na kuwekwa mahali pakavu na pasipo na joto, mbali na watoto, watu wasioruhusiwa, vyakula, maji na vyakula vya mifugo.

### **UTUPAJI**

Suza mkoba ulioisha dawa na maji mara tatu, toboa au ubonyeze na utupilie au uzike mahali ambapo pameidhinishwa mbali na maji. Usitumie mkoba wa dawa kwa matumizi mengine yoyote. Mchanganyiko wa dawa na maji ambao haujatumika au maji yaliyoosha vyombo ni lazima itupwe mbali mahali ambapo ni salama, panapokubaliwa, na mbali na chemi chemi ya maji au kwa kunyunyizia sehemu ya shamba ambayo haijalimwa.

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**Dawa ikimwagika au kuvuja;** Chukua mchanga uliomwagikiwa na dawa, uzike mahali ambapo ni salama na mbali na maji. Dawa ikivuja, iloweshe kwa sehemu ndogo ya mchanga au 'sawdust', kisha ufungie mahali ambapo ni salama kabla ya kutupilia mbali mahali ambapo pameidhinishwa. Ghala la madawa ni lazima lioshwe mara kwa mara ili kutoa dawa iliyomwagika au kuvuja.

### **MADHARA KWA MAZINGIRA**

AGIL 100 EC ni sumu kwa wanyama, samaki na viumbe vingine vyamaji. Zuia mifugo na wanyama wa pori kuingia mahali paliponyunyiziwa dawa. Usilishe au kuvuna nyasi ya mifugo mahali dawa imenyunyiziwa. Usinyunyize kwenye malisho ya mifugo. Usichafue mazingira kwa kunyunyizia, kumwaga mabaki ya dawa, kutupa au kusuza mkoba wa dawa kwa mito. Visima au vidimbwi au chemichemi.

### **MAELEZO YA HUDUMA YA KWANZA**

**Ikipumuliwa:** Pumzisha mjeruhi mahali penye hewa safi na pasipo na Joto nyingi wala baridi. Kama mjeruhi hapumui, msaidie apumue kisha umpeleke kwa daktari.

**Ikimwagikia ngozi:** Vua nguo ulizovaa na uoge mwili kwa kutumia kiasi kikubwa cha maji na sabuni.

**Ikiingia machoni:** Yasafishe macho kwa maji yanayotiririka kwa muda wa dakika 15. Mwasho ukiendelea muone daktari wa macho.

**Ikimezwa:** Osha mdomo wa mjeruhi na umpe 'activated charcoal' kwa kikombe cha maji. Usimpe mjeruhi ambaye amezirai kitu chochote cha kunywa wala kula. MPELEKE MJERUHI KWADAKTARI.

### **MAELEZO KUHUSU SUMU**

AGIL 100 EC Inaweza kudhuru iwapo itamezwa na inawahsa ikimwagikia ngozi na ikiingia machoni.

**Jihadhari:** Usipumue mvuke au povu la dawa, dawa isiingie machoni, isimwagikie ngozi na mavazi.

**Dalili za Sumu:** Dalili za kusumika kwa binaadam hazijulikani.

**Makata:** Hakuna makata maalum iwapo dawa imemezwa.

Maelezo kwa daktari: Hakuna tiba maalum. tibu mgonjwa kulingana na dalili za maumivu.

**Wakati wa dharura piga simu bila malipo (Masaa 24): 00800720021**

**ILANI KWA MTUMIAJI:** Dawa hii sharti itumike kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuhifadhi dawa hii katika hali isiyo salama.

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

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## GENERAL INFORMATION

AGIL100 EC is a systemic selective post-emergence herbicide for control of annual and perennial grass weeds on French, field and runner beans, field and snow peas and sugar snaps, potatoes, oil seed rape, soybean, broccoli, cabbage, cauliflower, carrot, celery, garlic, leek, lettuce, onion, pepper and tomato.

## MODE OF ACTION

AGIL 100 EC is rapidly absorbed by the grass leaves (within one hour) and is translocated within the plant to the roots and rhizomes.

AGIL 100 EC controls grass weeds by destroying vital functions of the weed cells through inhibition of synthesis of fatty acids in meristematic tissues of the susceptible weeds.

## DIRECTIONS FOR USE

### Application rates

Type of weed	Stage of weed	Rate (Lt/Ha)
Annual grass weeds	3rd leaf to early tillering	0.5-1.0
	Mid tillering to shooting	1.0-1.2
Perennial grass weeds	Agropyron repens (15-20 cm)	1.0-2.0
	Cynodon dactylon (15-20 cm)	1.0-2.0
Sorghum halepense	At 30-40 cm in height	0.7-1.5

### Application Timing

AGIL 100 EC can be applied at any time during the growing season independently of crop development but after emergence of the grasses. Early stages of the grass weeds are more susceptible to AGIL 100 EC than the late tillering or shooting stages. For best results, AGIL 100 EC should be applied when the weeds are actively growing.

### Application Technique

AGIL 100 EC must be applied with suitably set up spraying equipment. For broadcast or band application, use nozzles suitable for herbicides. Use 50 mesh screens in nozzles and suction lines.

All sprayers should be calibrated before use. While spraying, avoid stops, slows-downs and leaks in order to ensure uniform application.



### **Spray volume**

Ground application:

200 to 400 Lt/Ha

From the air:

30 to 50 Lt/Ha

Knapsack sprayer application:

Minimum of 60 Lt/Ha

### **Preparation of Spray Mixture**

Fill the tank to half its capacity. In a separate container add a small amount of water to the required quantity of AGIL 100 EC and mix well until a uniform mixture is obtained.

With agitator running, pour this mixture through the filter into the tank, while adding water to the required amount. Do not stop the agitator. If the filled sprayer has stood idle for some time, it is essential to agitate and ensure good mixing before starting to spray. Mix each spray batch freshly.

### **RE-ENTRY PERIOD**

Do not enter the field at least 24 hours after spraying.

### **HAZARDS / PRECAUTIONS**

**Handling:** Wear suitable protective clothing: safety goggles, mask, impervious gloves and foot wear during preparation and additionally an overall during application. Avoid, breathing the spray mist, contact with skin, eyes and clothing. Do not apply upwind and stay out of the spray mist. Avoid spray drift to adjacent crops, pasture and water sources. Do not smoke, drink or eat while handling the product.

### **After Work**

Change clothes and wash hands and face with soap and water thoroughly. Wash the spraying equipment and any contaminated clothing carefully.

### **Storage**

Keep out of reach of children. Keep in original tightly closed container, away from food, foodstuff, seeds, fertilizers and other pesticides. Store in a cool, dry and locked place.

### **Disposal**

Waste and contaminated material from minor spills may be disposed of by burying in a safe place away from water supplies on non-cropland. Dilute surplus of spray mixture with plenty of water and broadcast it on non-crop areas. Dispose empty containers by burying after triple rinsing and puncturing in a safe place away from water supplies. Do not reuse empty container for any other purpose.

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### **Pesticide Leakage and Spillage**

In event of heavy spillage, collect the contaminated soil layer and bury in an authorized place away from water supplies. Soaking in sand, soil or sawdust may collect small spillage. Contaminated absorbent material must be stored in marked waste bins prior to disposal in authorized landfill site. The pesticide store must be decontaminated by washing with a lot of water.

### **WILDLIFE AND ENVIRONMENTAL PROTECTION**

AGIL 100 EC is toxic to wildlife, livestock, and other aquatic organisms. Keep all livestock out of treated area. Do not graze or collect forage from freshly treated area. Avoid spray drift to pasture land. Do not contaminate ponds and waterways by direct application, cleaning of equipment, disposal of wastes and empty container.

### **FIRST AID INSTRUCTIONS**

**If swallowed:** Wash out mouth. Give a spoon of activated charcoal in a glass of water. Never give anything by mouth to an unconscious person. Get medical attention.

**If Inhaled:** Remove the patient to fresh air. Assist the patient in breathing if necessary. Get medical attention.

**If In the eyes:** Flush eyes with plenty of water for 15 minutes, holding eyelids open if necessary. Get medical attention.

**If on the skin:** Remove contaminated clothing. Wash affected areas with plenty of soap and water.

### **TOXICOLOGICAL INFORMATION**

AGIL 100 EC may be harmful if swallowed and irritating to eyes and skin. Do not breathe spray mist Avoid contact with eyes, skin or clothing.

#### **Symptoms of Poisoning**

It is not known in human beings.

**Antidote:** There is no specific antidote if this product is ingested.

**Note to Physician:** Treat symptomatically and give supportive therapy.

### **NOTICE TO USERS**

This pest control product is to be used only 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 under unsafe conditions.

In case of emergency call toll free number: 00800720021-24hrs.



### **WARRANTY**

Seller's guarantee is limited to the terms set out on the label subject there to, 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.

**Shelf life:** Two years from date of manufacture if kept in unopened original container and in a cool dry place.

**Maisha Rufani:** Miaka miwili baada ya kutengenezwa kama imehifadhiwa kwenye chombo chake halisi ambacho hakijafunguliwa mahali pakavu na pasipo na joto.

### **Manufactured by / Imetengenezwa na:**

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Expiry date

Date of Manufacture SEE PACKING

Batch Number

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