



# LINAGAN

GUARANTEE (DHAMANA):  
Linuron 500g/Kg, WP

A herbicide for the control of numerous annual broad-leaved and grass weeds in maize, beans, carrots and potatoes

Sumu ya magugu kwenye mimea ya mahindi, maharagwe, karoti na viazi



HERBICIDE



IRRITANT  
HUWASHA



SCAN FOR  
WEBSITE

Commercial and Agricultural class • Kundi la biashara na kilimo  
Registration number/ Namba ya Usajili: PCPB(CR)0330

15 Kg



# ADAMA

ESSENTIALS

WHO CLASS IV



CAUTION



ADAMA



## GENERAL INFORMATION

Linagan 50WP is a selective pre- and post-emergence herbicide that is foliar absorbed and residual herbicide.

**Mode of Action:** Linagan 50WP inhibits photosynthesis at photosystem II.

## DIRECTION FOR USE:

Crop	Dosage (Kg/Ha)	Dosage (20L/15L)	Remarks
Potatoes	Pre-emergence 2-3kg	80-120g /20L 60-90g /15L	Apply after final ridging before emergence of potatoes
Carrots	Pre-emergence 1.5-2.0kg	60-80g / 20L 45-60g / 15L	Apply soon after sowing
	Post-emergence 1.5-2.0kg	60-80g / 20L 45-60g / 15L	Treat at 3 true leaf stage
Phaseolus beans and peas	Pre-emergence 1.5-2.0kg	60-80g / 20L 45-60g / 15L	Apply immediately and <b>NOT</b> later than 1 (one) day after sowing
Maize	Pre-emergence 1.5-2.0kg	60-80g / 20L 45-60g / 15L	Apply soon after sowing

Use the provided measuring cup. 500L of water per hectare has been considered when calculating quantities of Linagan 50 WP required per 20L and 15L of water.

**Application:** Apply Linagan 50WP preferably as a pre-emergence, spray evenly over a moist and well-prepared seedbed. Sow seed as deep as possible making sure that the seed is covered by soil. With post-emergence treatment apply the product to germinating actively growing young weeds (up to 4-leaf stage). Do not apply post emergence if rainfall is expected, or if weeds are still wet from rain or dew. Mix the recommended quantity of Linagan 50WP in 500-1000Litres of water per hectare.

**How To Apply:** After preparation of Linagan 50WP spray suspension, apply the herbicide as follows:

**Pre-emergence:** Spray on potatoes, maize, beans and peas. Apply the herbicide **EVENLY** over a **MOIST** and well-prepared seedbed making sure that the seed is well covered with soil.

### Pre- and post-emergence treatment on carrots:

As a pre-emergence treatment, apply Linagan 50 WP on carrots soon after sowing. The soil **MUST** be **MOIST**. As post-emergence treatment, apply the herbicide when the carrots are at 3 true leaf stage.

**Recommended water volumes:** 50-100L /Ha for aerial application. 200-500L/Ha for tractor mounted spraying machines. 500-1000L/Ha for knapsack sprayers with flat nozzles e.g. Teejet

**Preparation Of Spray:** Half fill the tank with water and start agitation. Pour the required amount of Linagan 50 WP on the water surface keeping the agitator running and continue filling the tank with water until the tank is full. Use the spray mixture the same day of its preparation stirring well before use. Apply as a spray making sure that the mixture is evenly applied over the whole surface.

**HAZARDS/PRECAUTIONS:** Wear protective clothing: overalls, footwear, gloves, and face shield when preparing and using the product. Do not eat, drink or smoke while using it. Avoid inhaling spray mist, contact with skin, eyes and clothing. Do not apply upwind and stay out of the spray mist.

**After Work:** Wash hands before breaks and at end of 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. Store in tightly closed original container in a cool dry and well ventilated place, under lock and key so that unauthorized persons do not have access. Keep away from food, drinks, animal feeds and way from sparks, open flames and direct sunlight.



**Disposal:** Triple rinse the pouch and puncture or perforate it and dispose of in a landfill site approved for pesticides or bury away from water resources or return to stockist/Distributor. The rinsate should be disposed of, away from surface water to avoid contamination. Do not re-use the empty container for any other purpose.

#### **WILDLIFE AND ENVIRONMENTAL**

**PROTECTION:** Linagan 50WP is toxic to fish and other aquatic organisms. Do not contaminate streams, rivers or waterways with the chemical or used packs.

**FIRST AID INSTRUCTIONS:** If poisoning is suspected, contact the doctor, or Poisons Information Centre.

**Skin contact:** Take off clothing; wash the skin immediately with plenty of water and soap.

**Eye contact:** Hold the eye open and rinse thoroughly with running Water for 15 minutes. **If inhaled:** Move the patient to fresh air. If the subject is not breathing, give artificial respiration, preferably mouth – to – mouth and call the doctor immediately.

**If swallowed:** Give slurry of activated charcoal in a glass of water. Avoid milk, fats, oil based laxatives and alcohol. Never give anything by mouth to an unconscious person. Seek medical advice immediately.

#### **TOXICOLOGICAL INFORMATION:**

**Symptoms of poisoning:** No cases of poisoning in man has been reported

**Antidote:** There is no specific antidote known.

**Note to physician/Treatment:** Treat symptomatic and supportively. If ingested, lavage stomach and undertake alkaline catharsis.

**In case of emergency call toll free number: 0800720021/0800730030.**

**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 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.

**Shelf Life:** 2 years from the date of manufacture if stored in unopened original container in a dry cool place.

**Maisha rafuni:** Miaka 2 baada ya kutengenezwa kama imewekwa kwenye chombo chake halisi hakijafunguliwa mahali pakavu pasipo na joto nyingi.

**Manufactured by / Imetengenezwa na:**

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KENYA

**ADAMA**



## MAELEZO

Linagan 50WP ni kichaguzi gugu kinacho tumika kabla na baada ya kuota kwa mimea. Hufonzwa kwa majani na mabaki yake huua gugu.

**Jinsi Inavyofanya kazi:** Linagan 50WP huzuia utengenezajiwa chakula kwenye majani katika kiwango cha pili.

## JINSI YA KUTUMIA

Mimea	Kiwango (Kilo/ Hektari)	Kiwango (Lita 20/ Lita 15)	Maelezo
Viazi	Kabla kuibuka Kilo 2-3	80-120g /20L 60-90g /15L	Nyunyizia baada ya kutengeneza misingi kabla ya viazi kuota
karoti	Kabla kuibuka Kilo 1.5-2.0	60-80g / 20L 45-60g / 15L	Nyunyizia muda tu baada ya kupanda
	Baada ya kuibuka Kilo 1.5-2.0	60-80g / 20L 45-60g / 15L	Nyunyizia ikiwa mmea umetoa majani tatu
Maharagwe na Binzi	Kabla kuibuka Kilo 1.5-2.0	60-80g / 20L 45-60g / 15L	Nyunyizia mara tu baada ya kupanda wala sio baada ya siku 1 baada ya kupanda
Mahindi	Kabla kuibuka Kilo 1.5-2.0	60-80g / 20L 45-60g / 15L	Nyunyizia muda tu baada ya kupanda

Tumia kifaa kilichoapanwa kwa kupima. Kiwango cha lita 500 kwa hektari kimetumiwa ili kujua kiwango cha Linagan 50WP kinachohitajika kwa lita 20, 15 za maji.

**Unyunyiziaji:** Nyunyizia Linagan 50WP sawa sawa kwenye shamba lililopandwa lenye unyevu na lililotengenezwa vizuri kabla ya mimea kuota. Panda mbegu chini inavyowezekana ili kuhakikisha mbegu zimefunikwa vizuri na mchanga. Kwa unyunyiziaji baada ya mimea kuota, nyunyizia kwenye kwekwe change zimeazo vizuri zikiwa zimeota majani manne. Usinyunyizie dawa baada ya mimea kuota ikiwa mvua inatarajiwa ama kama bado kwekwe zina maji ya mvua au umande. Changanya kiwango

kinachohitajika cha Linagan 50WP na lita 500 hadi 1000 za maji kwa hektari mija.

**Jinsi ya kunyunyizia:** Baada ya utayarishaji wa Linagan 50WP inyunyizie kama ifuatavyo:- Unyunyiziaji kabla ya mimea kuota kwenye shamba la viazi, mahindi, maharagwe na binzi, nyunyizia dawa sawa sawa kote kwenye shamba lililotengenezwa vizuri na kupandwa huku ukihakikisha kuwa mbegu zimefunikwa vizuri na mchanga.

**Unyunyiziaji kabla na baada ya karoti kuota:-** Kwa unyunyiziaji kabla ya karoti kumea, nyunyizia Linagan 50WP muda tu baada ya kupanda. Mchanga lazima uwe na unyevu. Kwa unyunyizia baada ya karoti kuota, nyunyizia kama mmea umeota majani mawili hadi manne.

**Kiasi cha maji kinachohitajika:** Lita 50-100 kwa kila hekta kwa unyunyiziaji wa angani. Lita 200-500 kwa kila hekta kwa mabomba yanayotumia tingatinga kwa unyunyiziaji. Lita 500-1000 kwa kila hekta moja kwa kutumia bomba la kubebea mgongoni kama teejet.

**Jinsi ya kutayarisha dawa:** Weka maji hadi nusu ya tanki na uanze kukoroga. Weka kiasi kinachotakiwa cha Linagan 50WP ndani ya tanki hilo huku ukiendelea kukoroga na kujaza maji hadi pomoni. Kwa matumizi bora, tayarisha dawa na unyunyizie siku iyohiyo ukihakikisha kuwa umenyunyizia sawa sawa kote shambani.

**HATARI NA TAHADHARI:** Vaa ngao la kujikinga, viatu na vizuizi vya mikono na uso, unapotayarisha mchanganyiko wa dawa na maji na naponyunyiza dawa. Jihadhari usipumue mvuke wa dawa, mchanganyiko wa dawa usiingie kwenye macho au kumwagikia ngozi na nguo ulizovalia. Usinyunyizie dawa hii ukielekea upande upepo unatoka. Usivute sigara na usile wala kunyua wakati unapotumia dawa hii.

**Baada ya kazi:** Vua nguo za kazi na vizuizi vya kujikinga, Nawa mikono kati ya mapumziko na hata baada ya kazi. Osha bomba uliyoitumia kisha Oga na ufue mavazi uliyotumia kwa maji na sabuni.



**Kuhifadhi:** Hifadhi Badge kwenye chombo chake asili kilichofungwa vyema na kukiweka pahali pakavu, pasipo na joto na panapo hewa vizuri-kwenye ghala lake lililofungwa ambalo watu wasioidhinishwa kuingia. Weka mbali na watoto, chakula, vinywaji na vyakula vya mifugo.

**Utupaji:** Suuza pochi mara tatu, kitoboe kisha ukitupe sehemu ambayo imetengwa na kuidhinishwa au kizike mbali na sehemu zilizo na chemi chemi ya maji au ukirejeshe kwenye msambazaji. Msuzo unafaa umwagwe mbali na sehemu za maji kuzuia machafuko ya mazingira.

**TAHADHARI KWA MAZINGIRA:** Linagan

50WP ni sumu kwa samaki na viumbe vya majini. Usichafue mito, mabawa au njia za maji.

**MAELEZO YA HUDUMA YA KWANZA:** Kwa ngonzi: Vua nguo na kuoga mara moja kwa maji mengi na sabuni.

**Kwa macho:** Fumbua jicho au macho na kushikilia kigubiko cha jicho kisha tiririsha maji mengi ndani ya macho au jicho kwa muda wa dakita 15. Muone daktari.

**Ikivutwa:** Mpeleke mjeruhi palipo na hewa safi, ikiwa anaugumu akivuta hewa, mpe hewa kwa kutumia mdomo wako na wake. Muone daktari.

**Ikimezwa:** Mpe kaa hai kwa bilauri ya maji. Usimpe mgonjwa maziwa, vyakula vya mafuta au pombe. Kamwe usimpe kitu chochote mjeruhiwa aliyezirai. Muone daktari.

**PELEKA MJERUHIWA KWA DAKTARI.**

**TIBA:** Tibu kulingana na dalili za ugonjwa  
**Kwa hali ya dharura, piga simu bila malipo masaa 24, 0800720021/0800730030**

**ILANI KWA MTUMIAJI:** Dawa hii sharti 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 isiyu 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 aikubali dawa hii katika hali hiyo.

**Shelf Life:** 2 years from the date of manufacture if stored in unopened original container in a dry cool place.

**Maisha rafuni:** Miaka 2 baada ya kutengenezwa kama imewekwa kwenye chombo chake halisi hakijafunguliwa mahali pakavu pasipo na joto nyingi.

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