

HOW TO USE

Q. Why should I control inter-row weeds with Gramoxone?
Gramoxone spraying is much quicker than hand weeding, e.g. - spraying inter-row - one man can spray 1 hectare in one day. Hand weeding - one man can handweed one hectare in 20 days.

Q. Why should I use Gramoxone instead of a pre-emergence herbicide?

Gramoxone is not dependent on soil moisture like pre-emergence herbicides which require sufficient soil moisture within 14 days of application to be activated.

Q. What other benefits are there from inter-row spraying with Gramoxone?

No damage to soil structure - by controlling weeds with a spray, no soil moisture is lost and by leaving the soil undisturbed, less soil erosion will occur.

Less weed growth - with a spray, no fresh weed seeds are brought to the surface.

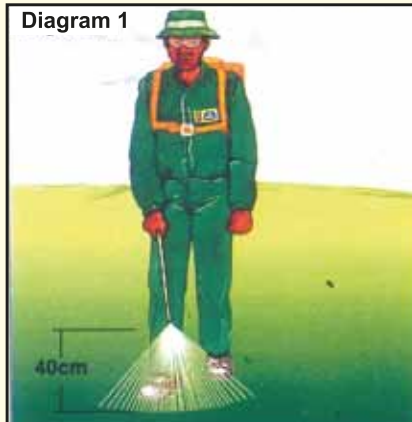
Q. Will Gramoxone spraying harm the environment?

Gramoxone is totally inactivated on contact with the soil and therefore does not leave any harmful residues to affect livestock, wildlife or soil organisms.

Q. How do I spray?

Using the nozzles as described below, hold the nozzle just below knee height (approximately 40 cms) and direct the spray forward and away from your feet as indicated in Diagram 1.

Diagram 1



Q. When do I spray the weeds? There are two timings.

1. When maize is young and below knee height.

At this stage Gramoxone spray should not come into contact with the maize. To protect the maize, put a shield around the nozzle as indicated in diagram 2.

Spray the weeds when they are small, about 10 cms high: Good weed control at this stage will let maize grow strongly.



2. When maize is at knee height and above.

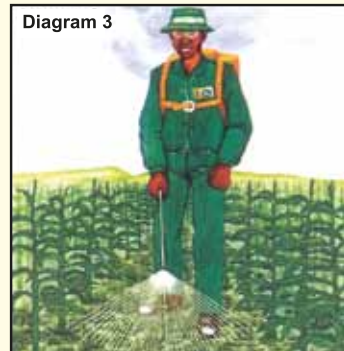
A shield is not necessary at this stage as Gramoxone sprayed onto the base of the maize plant or even the lower leaves will not affect the maize growth or yield. Some browning of the stem may occur but this will not affect the maize plant.

Direct spray as indicated in diagram 3 using the nozzles recommended in this leaflet. Again spray the weeds when they are small (about 10 cms). Good weed control at this stage will help reduce any drought stress on the maize.

Q. What weeds will Gramoxone control?

Gramoxone will control most annual broad leaves and grass weeds. Gramoxone destroys all green leaves, so kills a wide range of weeds. Gramoxone is rainfast in ten minutes, so it goes on working even after heavy rain. There is no effect on crop roots or residues to affect following crops.

Diagram 3



Q. What rate of Gramoxone do I use?

Mix 150 ml/s Gramoxone with 20 litres of clean water (avoid muddy water). Using the flat fan jet for inter-row weed control, one 20 litre knapsack will cover a distance of approximately 740 metres or just over 1,100 square metres.

USE PESTICIDES SAFELY

GRAMOXONE



UZUIAJI WA KWEKWE KATIKA MISTARI YA MAHINDI

UMBO NA MANUFAA



Huuu kwekwe za aina nyingi

Huangamiza majani yoyote, kwa hivyo huua kila aina ya magugu



Ina bei nafuu

Ni rahisi kutumia na pia ni bora kuliko kupalilia kwa mikono.



Haiharibiwi na mvua

Huendelea kufanya kazi vyema hata ikiwa kutanyesha muda mfupi baada ya kunyunyizia



Ni rahisi kutumia

Ni rahisi kuchanganya na kunyunyizia



Hufanya kazi kwa upesi

Hukomesha ukuaji wa magugu/kwekwe haraka, kwa kawaida chini ya masaa 4.



Haifanyi kazi ndani ya udongo

Mizizi ya mimea haidhuriki. Hakuna mabaki ambayo yanaweza kudhuru mimea msimu ufuatao.



Haidhuru miti

Inaweza kunyunyizwa hadi katika shina la ya mti mchanga na vitawi vya mazao.

**Gramoxone
Jembe la mkulima**

syngenta



JINSI YA KUTUMI

Q. Kwa nini ninyunyize Gramoxone kati ya mistari kwa kuzuia magugu kumea?

Kunyunyiza Gramoxone ni rahisi kuliko kupalilia kwa mkono au kukatakata (kutema).
Kwa mfano - kunyunyizia baina ya mistari - mtu mmoja anaweza kunyunyizia hekta moja kwa siku moja. Kupalilia kwa mkono - mtu mmoja anaweza kuchukua siku 20 kwa hekta moja.

Q. Kwa nini nitumie Gramoxone badala ya kutumia dawa za kuzuia magugu kumea? Gramoxone haitegemei udongo uliolowa kama vile madawa haya mengine ambayo yanahitaji maji ya kutosha katika udongo kwa siku 14 baada ya kutumia ili kufanya kazi.

Q. Kuna faida gani nyingine katika kunyunyizia mistari na Gramoxone?

Hakuna kudhuru udongo - kwa kuzuia magugu kwa njia ya kunyunyiza hakuharibu udongo wala kupoteza maji ya kawaida ya udongo, na kuacha kuchimba-ehimba ardhi kila mara huzuia, mmomonyoko wa udongo.
Uchache wa umeaji magugu -ukinyunyiza hakuna mbebu mpya za magugu ziletwazo juu ya udongo kuziwezesha kuota.

Q. Kunyunyiza Gramoxone kunaweza kudhuru mazingira? Gramoxone inapogusana na udongo huyayuka kabisa, kwa hivyo haiwachi mabaki yoyote ya hatari ambayo yanaweza kudhuru mifugo, wanyama wa porini au mazingira ya udongo.

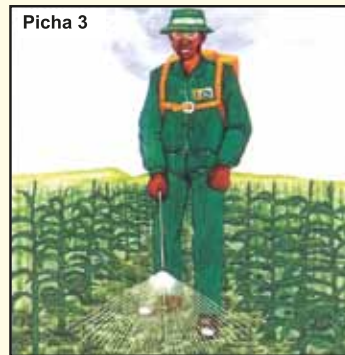
Q. Ninyunyize namna gani?

Ukitumia midomo kama vile ilivyoelezwa hapo chini, weka nozeli chini ya urefu wa magoti (kama sentimita 40) na uelekeze mnyunyizo mbele na mbali ya miguu yako. Ona picha ya kwanza.



2. Mmea wa mahindi unapofika urefu wa magoti au juu zaidi. Sio lazima kutumia kinga kwa mmea kwa vile ikinyunyizwa Gramoxone chini kwenye chipuko la mmea wa mahindi ama kwenye majani yaliyo chini ya mmea haiwezi kudhuru ukuaji wa mmea au mazao yake. Kugeuka rangi katika shina la mmea kunaweza kutokea lakini hii haiwezi kudhuru mmea wa mahindi. Nyunyiza kama ilivyo katika picha hii ukitumia vyombo vya kunyunyizia vilivyoshauriwa. (picha ya yatu).

Tena nyunyiza kwekwe zikiwa bade ndogo kama sentimita 10. Uzuiaji mzuri wa kwekwe kumea wakati kama huu ni muhimu kwa mahindi hasa kama hali ya mvua hairidhishi.



Q. Ni wakati gani unaofaa kunyunyizia magugu? Kuna nyakati mbili

1. Wakati mimea ya mahindi ingali michanga na yenye urefu usiopita magotini. Kwa wakati huu wa mmea, manyunyizo ya Gramoxone yasisugane na mimea ya mahindi. Kulinda mmea, weka kinga katika mdomo wa chombo kama ilivyo onyeshwa katika picha ya pili. Nyunyiza magugu yakiwa madogo kama urefu wa sentimita 10. Uzuiaji wa magugu vizuri kwa wakati kama huu hufanya mahindi kukua kwa afya.

Q. Magugu ya aina gani yanaweza kuziwa na Gramoxone? Gramoxone huzuia majani mapana ya kila mwaka na nyasi. Gramoxone huangamiza majani yote, na kuua nyasi za aina nyingi. Ikinyunyizwa mara moja tu huwa madhubuti baada ya dakika kumi, kwa hivyo huendelea kufanya kazi hata baada ya kunyesha mvua kubwa. Hakuna madhara yoyote katika mizizi ya mimea, au mabaki ambayo yataweza kudhuru mazao ya wakati mwingine.

Q. Ni kipimo gani cha Gramoxone ambacho ninaweza kutumia?

Changanya 150 miliita za Gramoxone na lila ishirini ya maji saft (usitumie maji machafu yenye udongo). Ukitumia flat fan jet kuzuia nyasi katika mistari, bomba ya lita 20 inaweza kuenea umbali wa mita 740 au zaidi kidogo ya mita 1,100 mraba.

GRAMOXONE

INTER - ROW WEED CONTROL IN MAIZE

FEATURES AND BENEFITS



Broad Spectrum

Destroys all green leaves, so kills a wide range of weeds



Cost effective

Quicker, easier and more efficient than hand weeding



Rainfast

Not easily washed off by rain falling soon after spraying. Can be used in rainy as well as dry seasons.



Easy to use

Simple to mix and spray.



Rapid action

Weed growth stops quickly, usually within 4 hours



Inactivated by soil

Crop roots are not affected. No residual activity left to affect the next season's crops



Mature bark not affected

Can be sprayed right up to the bases of mature tree and bush crops

**Gramoxone
Jembe la mkulima**

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DISTRIBUTED BY:
Twiga Chemical Industries Ltd.
P.O. Box 30172, 00100 GPO,
NAIROBI - KENYA
Tel: +254-(20)-3942000 /3942300,
Fax: +254-(20)-3942405

TUMIA MADAWA KWA UANGALIFU