

MAELEZO YA MATUMIZI

- (I) Agral 90 huchanganywa na madawa mengine ya wadudu, ukungu na kwekwe bila kubadilisha nafsi ya dawa. Inatumika kwa kulowesha na Kutandaza sehemu ya mmea iliyokusudiwa kunyunyiziwa dawa katika sekta ya Kilimo. Soma maelezo ya mchanganyiko wa dawa kabla ya kuchanganya.
- (II) Kusafisha chombo, Mashini na bomba la kunyunyiza dawa. Vyombo vyote vinavyotumika kwa kunyunyizia madawa ya kilimo, vinafaa kusafishwa baada ya dawa kutumika. Hakikisha wakati wote unasafisha vyombo vinavyo tumika kulingana na maelezo ya watengenezaji wa madawa. AGRAL 90 hutumika kusafisha vyombo vya kunyunyizia dawa kama vile tanki, bomba na laini za maji.

UTARATIBU WA KUSAFISHA MASHINI

- (I) Churuzika chombo cha dawa, kisha fungua tanki na kusafisha chombo kwa maji mengi ili kuondoa mabaki ya dawa. Mwaga mabaki mbali na chemi-chemi za kupitia maji.
- (II) Jaza chombo cha dawa kwa maji safi na kisha ongeza AGRAL 90 kwa kipimo cha mililita 10 , kwenye lita 20 za maji. Churuzika tena chombo cha dawa kwa kurudia kama hapo awali, ili kutoa mabaki ya dawa.
- (III) Rudia tena kwa kufuata maelezo ya 2.
- (IV) Jaza chombo kwa maji safi kisha wacha itulie kwa siku nzima. Mwaga mabaki yote ya dawa kama ilivyo maelezo ya 1.

TAHADHARI: Usitumie kipimo cha juu cha AGRAL 90. Dawa yaweza kusababisha povu kwenye tanki la dawa.

FAIDA YA MATUMIZI

1. Huongeza uwezo wa dawa za wadudu wa mimea, ukungu na kwekwe kufanya kazi haraka msimu wa kushambulia au wakati wa kuzuia.
2. Huongeza uwezo wa matawi telezi ya mimea kulowa kwa haraka wakati wa kunyunyizia dawa.
3. Haibadilishi mpangilio wa kemikali katika madawa mengine yanayo changanywa nayo. Kwa hivyo inauwezo mkubwa wa kuchanganyika na madawa mengine ya kuzuia ukungu, kwekwe na wadudu.
4. Hufanya kazi kwa haraka na ni dhabiti.
5. Ninafuu kwa matumizi, vipimo kadiri vya dawa hutumika.
6. Inatumika kwa maji ya kawaida au chumvi.

Soma maelezo kwenye kibandiko kabla ya kutumia dawa

Agral[®]90

Non-ionic wetting & spreading agent



Improves performance of insecticides, herbicides and fungicides when mixed.



Agral 90 Kwa Matokeo Bora



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syngenta[®]

DESCRIPTION

Contains 900g/l Nonylphenoxy polythoxy Ethanol

Formulation : A non-ionic liquid

MODE OF ACTION

Agral 90 reduces the surface tension of the water droplets causing them to flatten or spread on the leaf surface. This allows more surface area for the chemical to come in contact with the leaf. Agral 90 also helps break down the waxy cuticle of the leaf allowing more chemical uptake.

Agral 90 also ensures thorough washing of spray equipment.

RECOMMENDATION

| Product used | mls/ Lt of spray volume (s.v) |
|---|-------------------------------|
| For general use: Mix with insecticide, fungicides and herbicide | 1ml/ 4Lts of S.V |
| Mix with agrochemicals when to apply to waxy leaf surface, or insects and fungi that are difficult to wet | 1ml/ 3Lts of S.V |
| For cleaning of spraying equipment | 1ml/ 2Lts of S.V |

DIRECTIONS FOR USE

1. As a wetting and spreading agent in agriculture

'**AGRAL 90**' may be mixed with any spray for which an additional wetter is recommended to improve its wetting or spreading properties in certain situations. Always consult the appropriate product label before use. It is suitable for dilution with both hard and soft water. Add the required quantity of '**AGRAL 90**' to the spray fluid and agitate thoroughly.

2. For cleaning out spray machinery and knapsack sprayer.

All equipment must be thoroughly washed out after using agrochemicals. Traces of selective and other weed killers left in spraying machinery can damage later treated crops. Always decontaminate sprayers after use according to any special instructions given by the manufacturer(s) of the product(s) just applied. '**AGRAL 90**' will help to decontaminate sprayer tanks, pumps and lines.

EQUIPMENT CLEANING PROCEDURE

1. Drain sprayer, then flush tank, boom and hoses with clean water disposing of all washings safely away from water courses.
2. Fill sprayer completely with clean water, adding 'AGRAL 90' at 10ml per 20 L water. Recirculate, spray out; disposing of all washings as in (1) above.
3. Repeat (2) above.
4. Refill with clean water and leave overnight. Spray out and dispose of all washings as in 1 above.

BENEFITS WHEN USING AGRAL 90

1. Increases efficacy of insecticides, fungicides and herbicides, both under adverse and normal conditions.
2. Improves the wetting and spreading properties of spray materials on plant foliage.
3. Non – ionic properties i.e. doesn't affect the chemical properties of the agro chemical mixed with it
4. Acts fast and its reliable when used,
5. Cost effective in its usage, use low mixing rates of the product,
6. Wide usage with fungicides, herbicides, insecticides
7. Compatible with most recognized sprays and tank mixes
8. Effective both in hard and soft water

MAELEZO

Dawa iliyomo:- 900g / l Nonylphenoxy Polythoxy Ethanol

JINSI INAVYOFANYA KAZI

Agral 90 hupunguza tone la maji kwa njia ya usawa au kulainisha maji kusambaa juu ya tawi la mmea. Hii huwezesha tawi kulowa kwa dawa iliyochanganyishwa kwa haraka na kwa njia iliyo lainika. Agral 90 inasaidia kuvunja – vunja nta kwenye tawi ili kuwezesha dawa kupenya na kutekeleza kazi iliyo kusudiwa. Hali hii hufanya Agral 90 kutumika pia kwa njia ya kuosha vyombo vilivyo tumika kwa kunyinyizia dawa.

PENDEKEZO

| Matumizi | Vipimo |
|--|-------------------------------|
| Kwa matumizi ya kawaida | Mililita 1 kwa Lita 4 ya maji |
| Kwa kunyunyizia matawi ambayo haishiki dawa kwa urahisi (matawi telezi). | Mililita 1 kwa Lita 3 ya maji |
| Kwa kusafisha chombo cha Kunyunyizia dawa. | Mililita 1 kwa Lita 2 ya maji |

