

AG Copp 75^{WP}

Wettable Powder Fungicide

Cuprous Oxide 86% (Equiv. to 75 % w/w Metallic Copper)

An agricultural red copper fungicide for the preventative control of Coffee diseases.

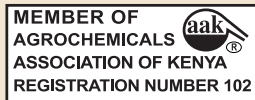
(DAWA YA KILIMO AINA YA SHABA YA RANGI NYEKUNDU YA KUKINGA NA KUZUIA MAGONJWA YA KAHAWA)



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TWIGA CHEMICAL INDUSTRIES LTD.,
P.O. BOX 30172 - 00100 GPO NAIROBI - KENYA.
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Coffee Berry Disease (CBD)



Coffee Leaf Rust (CLR)

Kinga Imara... Mazao Bora

Disease	Application Rate	Spray Interval
Coffee Leaf Rust	2.4kg/Ha Water or 45gm/20L	3 weeks
Coffee Berry Disease (CBD)	3.8kg/Ha Water or 70gm/20L	4 weeks



Always read the label before using AG Copp 75

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Active ingredient Cuprous oxide 86 % (Equivalent to 75% w/w metallic copper)

Formulation: Wettable powder

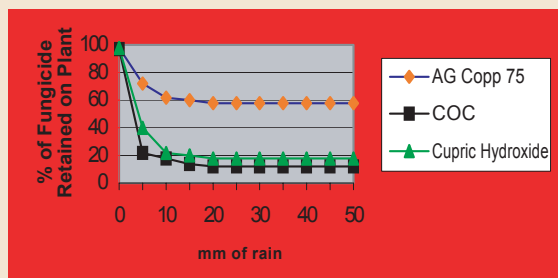
Registration No : PCPB (CR) 0579



Spots of leafrust. This increases and finally the leaf falls off.

Mode of action:

AG Copp 75 is a red copper fungicide with fine particles which are easily dispersed in water and has good adhesive properties on leaf surfaces to ensure better disease control. It is a contact preventative fungicide which acts by releasing cupric ions (Cu^{++}). To effectively control coffee diseases, **AG Copp 75** must be applied when weather conditions favor disease occurrence, prior to the onset of infestation.



AG Copp 75
retention graph

DIRECTION FOR USE:

CROP	DISEASE	APPLICATION RATE	GM/20LT WATER	SPRAYING INTERVAL
Coffee	Leaf Rust	2.4 kg/ha in 1000 LT of water	45 gm	3 Weeks
	Coffee Berry Disease	3.8Kg/Ha in 1000L of water.	70 gm	4 Weeks

Timing of application

As a preventative fungicide, start spraying before the rains and continue during the rainy seasons. Follow the spray intervals recommended above depending on the disease severity and rainfall condition.

Method of application

AG Copp 75 can be applied by leaf surface spraying. Thorough wetting of the crop must be ensured. Half fill the spray tank with clean water, add the necessary quantity of **AG copp 75** and stir, then top up with water. Keep on agitating when filling and during the spray operations.

COMPATIBILITY

AG Copp 75 is compatible with most neutral or slightly alkaline pesticides. Neutral insecticides should be added last into the spray tank. However DO NOT, tank mix with any product unless your own prior testing has shown the combination is physically compatible, effective and non-injurious under your conditions.

Phytotoxicity

AG Copp 75 is not phytotoxic when used as recommended.

ADVANTAGES

- ➔ **AG Copp 75** is a highly concentrated copper fungicide formulation which delivers highest concentration of metallic copper available for crop protection.
- ➔ Has small particle size (between 1 and 5 microns) - the formulation is meant to optimize and balance performance.
- ➔ Quick dispersibility in water, the formulation sticks better and lasts longer on the leaf surface thus increased tenacity to plants.
- ➔ Its colour is beneficial in visually checking coverage on treated crop.
- ➔ Superior wetability and suspensibility - minimum suspensibility is 80%.
- ➔ Provides effective protection against the target disease even in adverse conditions-its solubility is low and retention high on the leaf surface.
- ➔ Economical-extended spray intervals and the lower rate of application implies that lesser amount of product is used to achieve the desired protection in the same area.
- ➔ Helps take care of copper deficiency in the crop
- ➔ User friendly-the formulation is a non-dusting wettable powder for easier use and handling. It is stable and gentle to the environment.
- ➔ **AG Copp 75** is based on cuprous oxide whose copper ions are considered the most active form of copper hence better performance.
- ➔ Can be applied using all conventional methods.

Environment and wildlife

AG Copp 75 is toxic to fish and aquatic vertebrates. Do not contaminate water sources and supplies by disposal of product waste. Keep livestock out of treated areas.



JINSI INAVYOFANYA KAZI

AG Copp 75 ni dawa ya shaba yenye rangi nyekundu na chembechembe laini ambazo huchanganika kwa urahisi na maji na kunata kwa matawi sawasawa ili kuhakikisha uwezo mkubwa wa kuzuia magonjwa. Dawa hii ni ya kuzuia magonjwa kwa kahawa na hufanya kazi kwa kuguzana na viini vya magonjwa, kwa kutoa chembe chembe za shaba (cu⁺⁺). Ndio izuie magonjwa ya kahawa jinsi inavyohitajika. Dawa ya **AG Copp 75** lazima itumike wakati hali ya hewa ni muafaka kwa magonjwa kuzuka, yaani kabla ya magonjwa kutokea.

JINSI YA KUTIMIA

MMEA	UGONJWA	MATUMIZI YA DAWA	GM/20LT ZA MAJI	MUDA WA KUFUATISHA UNYUNYIZAJI.
Kahawa	Kutu ya Majani <i>Leaf Rust</i>	Kilo 2.4/hektari kwa lita 1000 ya maji.	gramu 45	Wiki 3
	'Coffee Berry Disease'	Kilo 3.8/hektari kwa lita 1000 ya maji.	gramu 70	Wiki 4

NYAKATI YA KUTUMIA

Kama dawa ya kuzuia magonjwa, anza kunyunyizia kabla msimu wa mvua na kisha endelea kuitumia dawa katika msimu wa mvua. Fuata kikamilifu maelezo ya hatua za kunyunyizia yaliyopendekezwa kulingana na athari za magonjwa na wakati wa mvua.

JINSI INAVYOTUMIKA

AG Copp 75 inaweza kutumika kwa kunyunyiza kwenye matawi ya mmea. Hakikisha dawa imenyunyiziwa kikamilifu kwenye mmea. Jaza maji safi nusu ya tanki, ongeza kipimo cha dawa cha **AG Copp 75** kilichopendekezwa, koroga halafu endelea kutingisha tanki kadri unavyojaza maji na wakati unaponyunyizia dawa kwenye mimea.

UPATANIFU

Dawa ya **AG Copp 75** hupatana vizuri na madawa ya kuzuia magonjwa na wadudu wa mimea, isipokuwa yale madawa ambayo ni alkali (alkaline). Dawa zilizo neutral (katikati) zive za mwisho kuongezwa kwenye tanki la dawa. Hata hivyo, USICHANGAYE kwenye tanki dawa hadi uhakikishe kwamba majaribio ya hapo awali yamethibitisha kuwa mchanganyiko ni sawa-sawa kwa kufanya kazi na sio hatari inapotumika.

HALI YA SUMU

AG Copp 75 haina madhara ikitumiwa kulingana na maagizo.

MANUFAA YA KUTUMIA Ag Copp 75 WP

AG Copp 75 ni mchanganyiko wa dawa kutokana na chembe chembe za hali ya juu kutoka kwa madini ya shaba nyekundu ambayo hulinda mmea dhidi ya magonjwa.

- ➔ Dawa ina chembe chembe laini (kati ya 1-5 microns) ambao mchanganyiko huu, hutumika kuhakikisha matokeo bora.
- ➔ Dawa uchanganyika kwa urahisi na maji, na wakati inapotumika husambaa na kunata vizuri kwa tawi na hivyo kutumika kwa muda mrefu kwenye tawi ili kulinda mmea.
- ➔ Rangi ya dawa huonekana kwa urahisi na hivyo kutambua sehemu iliyo nyunyiziwa dawa.
- ➔ Mchanganyiko wa dawa ya hali ya juu chembe chembe zake utangamana na maji vizuri na huelea vizuri majini.

- ➔ Hutoa kinga kamili kutokana na ushambulizi wa magonjwa yaliyonuiwa wakati wa majira fulani na kuwezesha kinga kuwa ya kudumu kwa sababu ya dawa iliyonata kwenye matawi ya mmea.
- ➔ Utumiaji wa dawa kwa hatua na vipimo vidogo hupunguza garama za matumizi ya dawa katika sehemu iliyo athiriwa.
- ➔ Husaidia katika kuzuia upungufu wa madini ya shaba kwenye mmea hivyo basi kusisimua ukuaji wa mimea na kuongeza mazao.
- ➔ Mchanganyiko wa dawa haina madhara wakati wa kuondoa mabaki au kushika. Haina sumu ya kusababisha madhara wakati wa kutumia na ni thabiti kwa mazingira.
- ➔ Dawa ya **AG Copp 75** hutokana na mvuke wa shaba ambao chembe chembe zake zina nguvu kamili za shaba hivyo kufanikisha matokeo bora.
- ➔ Yaweza kunyunyiziwa kwa njia za kawaida.

MAZINGIRA NA WANYAMA

AG COPP 75 ni sumu kwa samaki na wanyama wengine wa majini. Usije ukachafua mito na vyanzo vya maji kwa kutupa mabaki ya sumu ya dawa. Weka mifugo mbali na sehemu zilizonyunyiziwa dawa.

ONYO / ILANI

Soma kibandiko cha maelezo kabla kutumia dawa ya **AG Copp 75**. Dawa lazima itumike kulingana na maagizo.