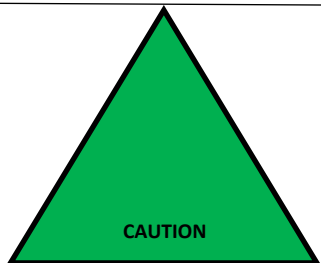


AGRO-BUFF 5

Adjuvant

Reg. No:
390/23



HARMFUL IF SWALLOWED

Batch No: See container

Date of Manufacture: See container

Expiry Date: See container

Shelf life: Two years from the date of manufacture if kept in the original unopened container under constant cool and dry conditions.

UN No.: Not regulated

Net Contents:
See container

A water quality improving agent with wetting, spreading and acidifying qualities with a built in pH indicator for use with contact and systemic pesticides, fungicides, herbicides and foliar feeds.

ACTIVE INGREDIENT: 600g/ℓ

Wetting Agents

Spreading Agents

Acidifier

pH Indicator

Registered and Distributed by:

Optimum Agro (Pvt) Ltd

12 Highfield Road,

Southernton, Harare

Zimbabwe.

Tel: 0242774725

Manufactured by:

AECI Plant Health

(a division of AECI Ltd.)

14 Field Road, Lilianton,

Boksburg, 1459, South Africa

Tel +27 11 823 8000

www.aeciph.com

good chemistry



P8775 ZimOpt10/23 V1

AGRO-BUFF 5

A water quality improving agent with wetting, spreading and acidifying qualities with a built in pH indicator for use with contact and systemic pesticides, fungicides, herbicides and foliar feeds.

ACTIVE INGREDIENT: 600g/ℓ

Wetting Agents
Spreading Agents
Acidifier
pH Indicator

PRECAUTIONS:

Avoid prolonged contact with concentrate. Eye imitation may be caused. Avoid inhalation of spray mist. Wear protective clothing, rubber gloves and face Wash with soap and water after handling and accidental skin contact. DO NOT eat, drink or smoke whilst mixing or spraying or before having washed hand not under treatment. Clean applicator after use and DO NOT contaminate crops, grazing, rivers or dams with washing water. Rinse empty container and add rinsing to the contents of the spray tank before disposing of the container. Destroy empty container by puncturing and burying and DO NOT use for any other purpose. Prevent contamination of food and feeds, drinking water and eating utensils.

KEEP OUT OF THE REACH OF CHILDREN AND KEEP APART FROM FEEDS AND FOODSTUFFS.

SYMPTOMS OF HUMAN POISONING

May cause severe eye and skin burns and skin sensitization.

FIRST AID

Inhalation: Remove source of contamination, or move victim to fresh air. supportively. If breathing is difficult, a qualified person should administer oxygen. Get medical attention immediately if effects persist.

Skin contact: Move the victim to fresh air and remove all contaminated clothing, shoes and leather goods. Gently wipe off excess chemical. Wash affected skin areas gently and thoroughly with cold water and non-abrasive soap. DO NOT rub the skin. If imitation persists, obtain medical attention. the eyes with clean, gently flowing cold water for 20 minutes, holding the eyelid(s) open. If irritation persists, obtain medical attention.

Ingestion: Have victim rinse mouth thoroughly with water. DO NOT induce tight clothing such as a collar, tie, belt or waistband. Seek medical advice immediately, showing container and label.

NOTE TO PHYSICIAN

There is no specific antidote. Treat symptomatically and supportively as and when required. If product is swallowed, gastric lavage could be considered, taking care to prevent aspiration of gastric material. Give oxygen if respiration is depressed.

WARNINGS:

Keep out of reach of children and store in a cool place, away from food and feeds. Re-entry interval: DO NOT enter treated area until spray deposit has dried unless wearing protective clothing.

Highly toxic to fish and other aquatic organisms.

The addition of AGRO-BUFF 5 to spray mixtures containing certain copper fungicides, particularly oxychlorides, is not recommended, due to the possibility of phytotoxicity.

AGRO-BUFF 5 is corrosive and should not be stored in metal containers.

AERIAL APPLICATION:

Notify all inhabitants in the immediate vicinity of the area to be treated of your intention and issue the necessary warnings. DO NOT spray over adjacent areas of water nor allow spray to drift there.

ALTHOUGH THIS ADJUVANT HAS BEEN EXTENSIVELY TESTED UNDER A WARRANT THAT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY QUALITY OF DILUTION WATER, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AS WELL AS BY THE METHOD, TIME AND DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

DIRECTIONS FOR USE: Use only as directed

1. The pH and hardness of spray solutions may have a marked effect on the persistence and ultimate performance of contact and systemic, alkaline-sensitive pesticides and foliar-applied nutrient products. Such pesticides and most foliar nutrients generally perform best at a pH ranging from 4.5-5.0.
2. Always add AGRO-BUFF 5 to the spray water before adding the other components of the spray mix.
3. AGRO-BUFF 5 contains a pH-sensitive indicator, which changes the colour of spray water to a shade of pink when the optimum pH range of 4.5-5.0 has been reached.
4. The determination of the exact amount of AGRO-BUFF 5 to be added to the spray water must always be established in an open container (jug, bucket, etc.) and not by observing the colour change in the dark confines of the spray tank itself.
5. Soft water requires a low concentration of AGRO-BUFF 5 and turns pink rapidly upon reaching the desired pH. Hard water will require a higher concentration of AGRO-BUFF 5 and in this instance a gradual colour change from yellow to orange and finally a stable pink colour (pH 4.5-5.0) will be observed.
6. In hard waters the addition of AGRO-BUFF 5 must be continued whilst agitating constantly until the colour change is observed.
7. The following table merely serves as a general guideline regarding the quantity of AGRO-BUFF 5 required to adjust the pH of different waters to a level ranging from 4.5-5.0.

Water Hardness Rating	Application Rate mℓ/100ℓ Water
Soft	40-50
Medium	50-60
Medium Hard	100-120
Hard	180-200
Very Hard	220 and above