

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# Nufarm **ACTIVATOR**<sup>®</sup>

ACTIVE CONSTITUENT:  
900 g/L NON-IONIC SURFACTANT

**ADJUVANT**

A premium non-ionic, rainfast wetting agent  
with low foaming qualities.

**SL**

SOLUBLE CONCENTRATE



 Nufarm

**AUSTRALIAN  
THROUGH  
& THROUGH**

**DIRECTIONS FOR USE**

Nufarm Activator can be used where the addition of a Surfactant is required or recommended on the agricultural chemical label. Variation in conditions of use can require some changes in the amount of Nufarm Activator required.

<b>CROP / SITUATION</b>	<b>RATE</b>	<b>CRITICAL COMMENTS</b>
<b>Non-Selective Herbicides</b> FOLIAR-ACTIVE SOIL ACTIVE	70-125 mL/100L 75-100 mL/100L	Use higher rate on waxy, hairy or hard to wet surfaces. Increase rate for dry soils.
<b>Selective Herbicides</b> IN CROP USE	75-125 mL/100L	Use when a surfactant is recommended on herbicide labels. Use the higher rate on waxy, hairy or hard to wet surfaces.
<b>Diclofop-methyl Herbicides</b> (Nugrass®, Hoegrass®)	150 mL/100L	Use only when mixing Nugrass® or Hoegrass® with bromoxynil and MCPA, LVE MCPA, Tigrex®, Associate® or Ally® herbicides.
<b>Insecticides</b> For Example: Carbaryl, Chlorpyrifos, Endosulfan, Dimethoate, Trichlorfon, Maldison, Sonic*, plus others	Boom Spray 50-125 mL/100L Misters 30-100 mL/100L	Use the higher rate on hairy, waxy, dusty or hard to wet surfaces. Also increase the rate when spraying onto dry soils.
<b>Fungicides</b> (Penncozeb® 750 DF, Unite 720, etc)	Boom Spray 50-125 mL/100L Misters 30-100 mL/100L	
<b>Herbicides</b> <b>Foliar active</b> (Revolver®, Glyphosate 360, Roundup®, Amitrole T, Kamba® 500, MCPA) <b>Soil Active</b> (Diuron, Nu-trazine, Simazine, Tornado)	70-125 mL/100L  75-100 mL/100L	
<b>Sugar Cane</b> <b>Herbicides</b> Knockdown mixtures with Paraquat (Nuquat®, Gramoxone®), Glyphosate, MCPA, Amicide®, Baton® or Tornado	60-120 mL/100L	Increase the rate of Nufarm Activator, as the rate of water sprayed per hectare increases. For example, if you apply 400 L of water per hectare, 400-480 mL of Nufarm Activator should be added to the spray solution. Spray only to the point where leaves are fully covered. Spraying beyond this allows runoff, which will increase costs by losing chemical onto the ground.
Mixtures of knockdown and residual herbicides such as Nuquat plus Nu-trazine 900DF or Amicide 625 plus Diuron 900DF	70-125 mL/100L	Use the higher rate when spraying waxy, hairy, dusty, or hard to wet leaves. Also if the soil is dry, a higher rate of Nufarm Activator should be used. Consult product labels for individual recommendations.
<b>Woody Weed Spraying</b>	100-125 mL/100L	<b>SPOT SPRAYING</b> When spot spraying with chemicals such as Lantana DP 600, Kamba 500, Baton, Amicide 625, Glyphosate 360, Roundup® DST, Associate, etc. Nufarm Activator should be added at these rates depending on growth conditions and likely rainfall conditions. <b>AERIAL SPRAYING</b> Aerial spraying of woody weeds is often difficult by air due to the difficulty of reaching the target effectively. However, this is normally the only practical option. Nufarm Activator will improve penetration into the plant as well as prolonging the droplet life when used through aircraft. Normal water volumes of 30-50 L per hectare should include at least 40 mL of Nufarm Activator per 100 L of water.
<b>Fire Fighting</b>	Water tanker: 10 mL/100L of water Knapsack: 1 mL/10L	Nufarm Activator improves the efficiency of water in fire fighting by increasing the wetting power and assisting in faster control.
<b>Paraquat &amp; Diquat Herbicides</b> Important when grasses are the major target	60-120 mL/100L	Vary rate according to spray volume. Select rate in accordance with product labels.
<b>Pasture Topping</b> For use with Glyphosate CT	150 mL/100L	
<b>Watering of Turf and Dust Abatement</b> As additive to water	50-125 mL/100L	Use the higher rate when watering turf.

Note: Where product labels recommend the addition of a non-ionic wetting agent at a specific percentage dilution, use the following guidelines. eg: - 0.1 % - 100 mL per 100 litres of final spray volume, or 0.125 % - 125 mL per 100 litres of final spray volume.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

#### GENERAL INSTRUCTIONS

Nufarm Activator is a low foaming, non-ionic type spreader adjuvant, providing quick wetting, more uniform distribution. Nufarm Activator increases retention of spray by reducing surface tension of the spray droplets. Nufarm Activator is a water soluble adjuvant that may also be used as an interfacing agent for wettable powders. Nufarm Activator assists the uptake of foliar absorbed products.

#### MIXING

When Nufarm Activator is being used as a low foaming agent for wettable powders and water soluble products, add Nufarm Activator into water before adding the agricultural chemical to the spray tank. When Nufarm Activator is being used as a general purpose surfactant for all other formulation types, add Nufarm Activator last.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Harmful to fish. **DO NOT** contaminate ponds, waterways or ditches with the chemical or used containers.

#### STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

#### Non-refillable containers

Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. **DO NOT** burn empty containers.

#### Refillable containers

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### SAFETY DIRECTIONS

Avoid contact with eyes and skin. When using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC/rubber gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water.

#### FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre Phone Australia 13 11 26. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes hold open, flood with water for at least 15 minutes and see a doctor.

#### ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)

Causes eye irritation. Harmful if inhaled. Avoid breathing spray. Wash hands and exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which can be obtained by scanning the QR code, from your supplier or the Nufarm website.

In case of emergency: Phone 1800 033 498 (24 hrs) and ask for shift supervisor.

#### PRODUCT STEWARDSHIP INFORMATION AND TOOLS

[nufarm.com.au/spraywise](http://nufarm.com.au/spraywise) is a website which contains resources on spray drift management, recording keeping and application technologies.

[spraywisedecisions.com.au](http://spraywisedecisions.com.au) is an online weather forecasting program and is recommended for use when planning your pesticide application.

When spraying in or near areas with sensitive crops such as cotton, check online at [satacrop.com.au](http://satacrop.com.au) for the proximity of sensitive crops mapped by growers.

[stewardshipfirst.com.au](http://stewardshipfirst.com.au) is a website with CropLife Australia's suite of world-leading product stewardship initiatives, programs and best-practice guides.

#### CONDITIONS OF SALE

Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale.

Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded.

Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute.

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For product advice, or to learn more about complementary Nufarm solutions,  
reach out to your local Nufarm specialist or call **1800 NUFARM (1800 683 267)**.

APVMA Approval No.: 41517/132870

Date: 16-03-2022