READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm PULSE® PENETRANT

ACTIVE CONSTITUENT: 1000g/L MODIFIED POLYDIMETHYLSILOXANE

A NON-IONIC WETTER/SPREADER/PENETRANT FOR USE AS A SPRAY ADDITIVE FOR IMPROVED PENETRATION OF SEVERAL AGRICULTURAL PESTICIDES AS PER THE DIRECTIONS FOR USE TABLE.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT

® Pulse is a registered trade mark of, or used under licence by Nufarm Australia Limited

Nufarm Grow a better tomorrow.

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Contents: 1L-1000L

APVMA Approval No.: 57279/103957

BN / DOM / Barcode / DrumMuster/

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DIRECTIONS FOR USE

The use rates of Pulse Penetrant are given as a guide only. Always refer to the label of the product where the addition of an organosilicone penetrant, such as Pulse, is recommended.

SITUATION	RATE	CRITICAL COMMENTS
Herbicides Archer® Archer® 750 Amitrole T Roundup* Roundup* Biactive Roundup* Attack™ weedmaster® DUO Associate® Brush-off* Mako®	Handgun 200mL/100L spray mixture Boom 200-500mL/100L spray mixture	Add Pulse Penetrant to the recommended label rates of the herbicide for the control of weeds as per the label directions for those products.
Fungicides and Foliar Micro-Nutrients	30-60mL/100L spray mixture	Use higher rate on hard to wet surfaces and with water volumes less than 400L/ha.
Insecticides and Miticides Nuprid®, Senator®, Confidor*	200mL/100L spray mixture	Refer to the Nuprid/Senator/Confidor label for specific directions for use on cotton.

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

Pulse is an organosilicone based surfactant containing a unique blend of various polymers. Pulse is a highly efficient wetter/spreader/penetrant. Pulse is effective with most agricultural chemicals unless otherwise stated on the label.
While Pulse has been proven to be a highly efficient surfactant, timing, weather conditions, method of application and/or mixture with other chemicals not specifically recommended are beyond the control of the seller. Therefore, the user should carefully observe spray deposits, rate efficiencies, compatibilities and effectiveness in initial applications and adjust the adjuvant rate accordingly.

MIXING

1. Mix Herbicide/Fungicide/Insecticide/Foliar Micronutrient product with water when tank is about 30% full.
2. When tank is nearly full add Pulse.
3. Complete filling tank.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT
DO NOT contaminate streams, rivers or waterways 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. Triple or preferably pressure 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. DO NOT burn empty containers and product.

SAFETY DIRECTIONS
Severely irritating to eyes. Avoid contact with eyes and skin. When preparing product for use, wear elbow-length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash contaminated clothing, gloves and face shield or goggles.

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 eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET
For further information refer to the Material Safety Data Sheet (MSDS), which can be obtained from your supplier or from the Nufarm website - www.nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

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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