

DIRECTIONS FOR USE:

The following table is a guide to the quantity of Farmalinx Launcher pH Indicator and Buffering Adjuvant required to adjust waters of different hardness to the desired pH range of 4.5 to 5.5.

WATER HARDNESS	RATE of FARMALINX LAUNCHER pH INDICATOR AND BUFFERING ADJUVANT mL/100L water
Soft	40-50
Medium	50-60
Medium Hard	60-80
Hard	80-180
Very Hard	180-220
Extremely Hard	220+

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

GENERAL INSTRUCTIONS:

Farmalinx Launcher pH Indicator and Buffering Adjuvant is an adjuvant containing a combination of non-ionic components and is suitable for use with ground and aerial applied sprays.

Farmalinx Launcher pH Indicator and Buffering Adjuvant :

- Reduces and buffers the pH of the spray solution.
- Contains a unique pH indicator that turns the colour of the spray water pink when the optimum pH of 4.5 to 5.5 has been reached.
- Has excellent wetting spreading properties thereby helping to reduce the possibility of chemical damage to the plant caused by concentrated droplets.
- Improves cuticular penetration and increases plant uptake of systemic herbicides, insecticides and foliar fertilisers.
- Prevents rapid hydrolysis of alkaline sensitive pesticides such as glyphosate, organophosphates, carbamates, synthetic pyrethroids and chlorinated hydrocarbons.
- Improves the compatibility of emulsifiable concentrates with foliar fertilisers.

NOTE:

- Further addition of Farmalinx Launcher pH Indicator and Buffering Adjuvant after the pink colour has been obtained may result in lower than recommended water pH.
- Caution should be exercised when using Farmalinx Launcher pH Indicator and Buffering Adjuvant with certain bound-copper fungicide. Check product label recommendations when using these products.
- To ensure good wetting and penetration, use a minimum of 60 mL Farmalinx Launcher pH Indicator and Buffering Adjuvant per 100 L water

MIXING INSTRUCTIONS

1. Fill spray tank with required quantity of water then add Farmalinx Launcher pH Indicator and Buffering Adjuvant with agitation until required colour change is observed. Use the testing kit supplied to assess the required quantity of Farmalinx Launcher pH Indicator and Buffering Adjuvant to add to the tank.
2. Farmalinx Launcher pH Indicator and Buffering Adjuvant has a built-in pH indicator. Add Farmalinx Launcher pH Indicator and Buffering Adjuvant to water until the optimum pH range of 4.5 to 5.5 is reached. This will be indicated by the colour change. Soft water requires a low concentration of Farmalinx Launcher pH Indicator and Buffering Adjuvant and turns pink immediately upon reaching the desired pH. Hard water, however, needs a higher concentration of Farmalinx Launcher pH Indicator and Buffering Adjuvant where a gradual colour change from yellow through to orange to pink occurs.
3. If the desired colour change is not observed after adding the selected quantity of Farmalinx Launcher pH Indicator and Buffering Adjuvant, the optimum pH range has not been reached. Continue adding Farmalinx Launcher pH Indicator and Buffering Adjuvant at a rate of 10mL / 100L water, with constant agitation, until the correct shade is obtained.
4. Always agitate Farmalinx Launcher pH Indicator and Buffering Adjuvant thoroughly when adding to spray tank. A routine check on the pH after the addition of the required rate of Farmalinx Launcher pH Indicator and Buffering Adjuvant is advisable.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

Do not contaminate streams, rivers or waterways with 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 to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm 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 or product.

SAFETY DIRECTIONS:

Avoid contact with the eyes and skin, as irritation may occur. Wear protective elbow length PVC or rubber gloves, goggles and overalls when mixing and using. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26; New Zealand 03 4747 000). 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. If swallowed, DO NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET:

Additional information is listed in the Material Safety Data Sheet (MSDS), which is available from the supplier.

NOTICE:

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to the label instructions, or under off-label permits not endorsed by Farmalinx Pty Ltd or under abnormal conditions. Farmalinx Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

FARMALINX

Launcher

PH INDICATOR AND BUFFERING ADJUVANT

ACTIVE CONSTITUENTS: 266.2 g/L NONYLPHENOL ETHOXYLATE
375.1 g/L PHOSPHORIC ACID DERIVATES

**A Bio-Degradable Non-Ionic Wetter-Spreader
Containing a pH Indicator for Use as a Penetration,
Buffering and Compatibility Aid with Alkaline
Sensitive Pesticides, Herbicides and Foliar Fertilisers.**

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

farmalinx
Partners in Agriculture

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