

3.3 *Farmuron*[®] 50WP

A selective pre - and post - emergence herbicide for controlling monocotyledonous and dicotyledonous weeds in many field and horticultural crops such as potatoes, carrots, onions, beans and peas, maize and sugarcane.

Linuron.....50%^{w/w}

Mode of Action

Selective systemic herbicide absorbed principally by the roots but also by the foliage, with translocation primarily acropetally in the xylem.

Biochemistry

Photosynthetic electron transport inhibitor.

Rates of Application

Crops	Rate	Remarks
Potatoes	Pre-emergence 2 – 3Kg/ Ha (80 – 120g/ 20L) (60 – 90g/ 15L)	Apply after final ridging before emergence of potatoes
Carrots	Pre-emergence 1.5 - 2.0Kg/ Ha (60 – 80g/ 20L) (45 - 60 Gm/15 Lt)	Apply soon after sowing
	Post-emergence 1.5-2.0Kg/ Ha (60-80g/ 20L) (45 – 60g/15L)	Treat at 3 true leaf stage
Onions (Only after transplanting)	1.0 - 1.5Kg (40 – 60g/ 20L) (30 – 45g/ 15L)	<ul style="list-style-type: none"> • Lower rate for light soils and higher rates for heavy soils • Spray 10-14 days after transplanting
Phaseolus beans and peas	Pre-emergence 1.5 - 2.0Kg/ Ha (60-80g/ 20L) (45 – 60g/ 15L)	Apply immediately and NOT later than 1 day after sowing
Maize	Pre-emergence 1.5-2.0Kg/ Ha (60-80g/ 20L) (45 – 60g/ 15L)	Apply soon after sowing
Sugarcane	2.5Kg/ Ha (100g/ 20L) (75g/ 15L)	Apply to cut ratoon crop before sprouting

NB: Use 500L of water per Hectare.

Recommended water volumes

- 50 -100L/ Ha for aerial applications
- 200 – 500L/ Ha for tractor mounted spraying machines
- 500 – 1000L/ Ha for knapsack sprayers with flat fan nozzles e.g. Tee-jet

Application

Apply **Farmuron** preferably as a pre-emergence, spray evenly over a moist and well-prepared seedbed. Place your seed as deep as possible and making sure that it is covered by soil. With post-emergence treatment apply the product to germinating actively growing young weeds, (up to 4-leaf stage). Do not apply post emergence if rainfall is expected, or if weeds are still wet from rain or dew. Mix the recommended quantity of **Farmuron** in 500-1000L of water per Hectare. As a pre-emergence treatment apply the herbicide EVENLY over MOIST soil and well-prepared seedbed.

How to apply Farmuron

After preparation of **Farmuron** spray suspension, apply the herbicide as follows:-

- Pre-emergence spray on potatoes, maize, beans and peas. Apply the herbicide EVENLY over a MOIST and well-prepared seedbed making sure that the seed is well covered with soil.

Pre and post emergence treatment on carrots:-

- As a pre-emergence treatment apply **Farmuron** on carrots soon after planting. The soil MUST be MOIST.
- As post-emergence treatment, apply the herbicide when the carrots are at 2-4 true leaf stage.
- Post emergence treatment on onions:-
- Apply the herbicide 10 - 14 days after transplanting

Compatibility

Farmuron is compatible with other herbicides such as Alachlor, Atrazine, Bromoxynil, and Diuron. Trifluralin and Hormone weeds killers. It is however advisable to carry out small trials first, before large-scale applications.

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