

# NODULATOR<sup>®</sup> XL LQ

## Liquid pea and lentil inoculant

*Rhizobium leguminosarum biovar viceae*



Registration Number 2011032A Fertilizers Act

To inoculate 2,728 kg (100 bushels) of seed

Net contents:

7.5 kg (7.5 L)

### DIRECTIONS FOR USE

**APPLICATION RATE: 75 mL (75 grams) of inoculant per 27.2 kg (60 lbs.) of seed.** The application rate suggested is the minimum; larger volumes of inoculant per bushel of seed have been reported to be advantageous.

- 1. SHAKE WELL BEFORE USING.**
2. Replace bladder lid with hose kit.
3. Invert bladder above treatment area so the end of the hose is just above the seed (for accurate application rates, ensure hose is straight when dispensing inoculant).
4. Adjust flow valve to regulate the recommended application rate (**see table below**).
5. To ensure adequate mixing of seed and inoculant DO NOT run auger at greater than HALF capacity.
6. Assess the application rate several times during inoculation to ensure correct target flow rate.

Flow Valve Setting	Inoculant Flow Rate		Seed/ Auger Flow Rate	
	mL/min	fl. oz./min	kg/min	lbs. (bu)/min
1	360	12	131	289 (5)
2	860	29	313	690 (11)
3	1340	45	487	1074 (18)
4	1660	56	604	1332 (22)
5	1780	60	647	1426 (24)
6	2030	68	738	1627 (30)

### SEED TREATMENT COMPATIBILITY

Some seed treatments are harmful to liquid inoculants. Contact your dealer/manufacturer for current details. Please observe planting window recommendations for optimal responses.

## STORAGE/PRECAUTIONS

Store between 4-9°C (38-48°F). Do not allow product to freeze. Ensure that inoculant is stored correctly in the field prior to use. Once opened, use within 24 hours. Plant seed immediately after inoculation. If seed is not planted within 4-6 hours they must be re-inoculated. Do not use inoculant that is past its expiry date or that has not been correctly stored. Unless otherwise directed, do not mix inoculant with caustic fertilizers or pesticides. If soils are especially dry at planting, any risk of damage to the inoculant can be minimized through light irrigation. Under adverse or stress planting conditions (hot, dry field conditions) it is suggested to increase the inoculant application rate. For first-time fields, it is recommended that peat-based or granular inoculants be used (contact dealer for more information).

**GHS:** The product does not require a hazard warning label in accordance with GHS criteria.

## GUARANTEE

This product contains a minimum of  $7.5 \times 10^8$  viable cells of *Rhizobium leguminosarum* biovar *viceae* STRAIN 1435 per gram.

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