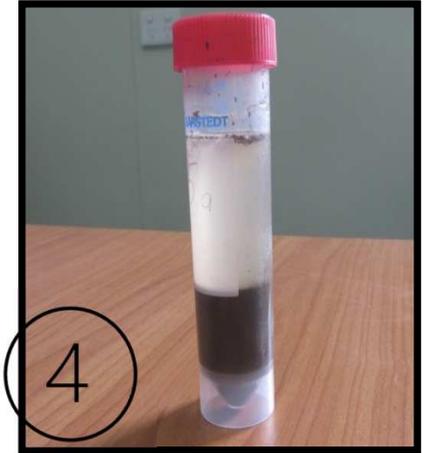
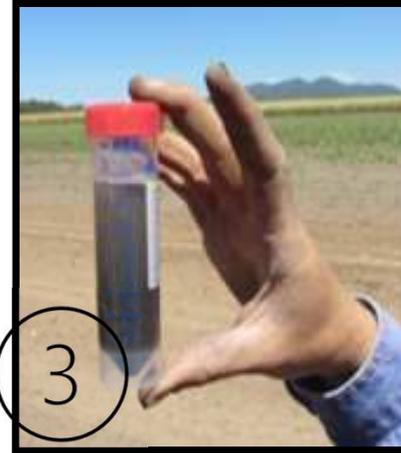


## Using Merekquant Nitrate Test Strips

A quick and reliable test to aid in decision making with nitrogen fertiliser rates in paddocks, where N residues are difficult to quantify, such as after a legume crop

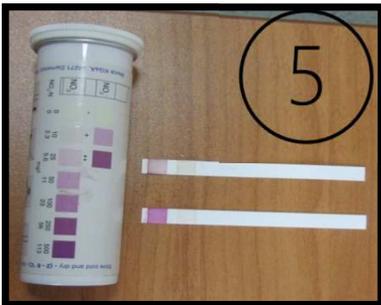


Sample soil to 200mm depth, many small cores are better than fewer large cores. Sample separately from zones of high and low yielding legume crop to compare.

Mix 25 cores together in bucket. Ensuring all lumps are broken up.  
In a sample tube, add 30ml of 36.4% aluminium sulphate solution, then fill to 40 ml with soil.

Shake sample, then leave for soil to settle.

Dip Merekquant nitrate test strips into the clear liquid, remove and shake strip to remove any excess liquid.



After one-minute compare colour against the colour chart to determine mg/L of NO<sub>3</sub>.

		Available Nitrogen					
Strip reading mg/l NO <sub>3</sub>		10	25	50	100	200	500
Approximate N kg/ha*		5.4	13.5	27	54	135	271

**For best results test just prior to top-dress application**  
\* 200mm sample depth, assumed soil bulk density of 1.2

While every care is taken to ensure the accuracy of this product, Farmacist Pty Ltd. makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way for any reason. Ensure this products meets your requirements before implementation.

