

TRIAL DATA SHEET

SELENIUM

Objective: Assessing the effect of selenium fertiliser on herbage Se levels

Crop: Grass

Location: Grassland North, Penrith

Date: 2015

Researcher: Newton Rigg

Trial code: 2015/GNP



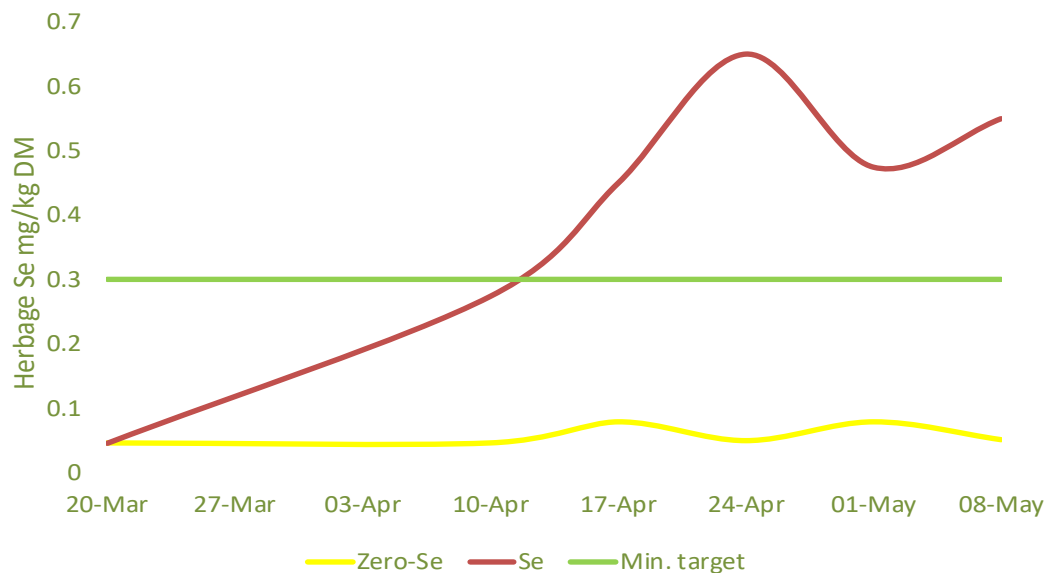
Application:

| Date | Applied |
|----------|-----------------------------------|
| 19/03/15 | 420kg 24-0-12.5 + 3% S |
| 19/03/15 | 420kg 24-0-12.5 + 3% S + Selenium |

Selenium was added to the fertiliser for half of each field to compare the effect of selenium fertiliser on herbage Se levels.

5 grass samples were taken at weekly intervals starting 3 weeks post-fertiliser application.

Results: Weekly grass samples



Within 23 days of being applied, the selenium fertiliser took herbage Se levels from deficient (0.047mg Se per kg DM) into the optimal range for livestock health (> 0.3mg Se per kg DM).

The phased-release nature of the selenium fertiliser will maintain herbage Se in the optimum range throughout the growing season.

Selenium range

The Seleni range are grassland fertilisers enriched with granular Selenium specifically formulated to raise Selenium in pasture and forage to optimum levels for livestock health.