



TECHNICAL NOTE
LCF Australia
Made with farmers for farmers

N36

36-0-0-7.5S + 1% Mg

Compound nitrogen for pasture and crop

N36 is a chemically compounded fertiliser, not a physical blend. Every granule carries nitrogen, sulphur and magnesium, plus trace zinc and boron, so every pass delivers the same nutrients.

In the paddock it gets crops up and going faster early in the season, and on Tasmanian dairy pasture it kept growing after urea dropped off.



Up to 90 days

of nitrogen availability from stabilised N

No drop-off

growth held on where urea fell away — Tasmanian dairy

20% denser

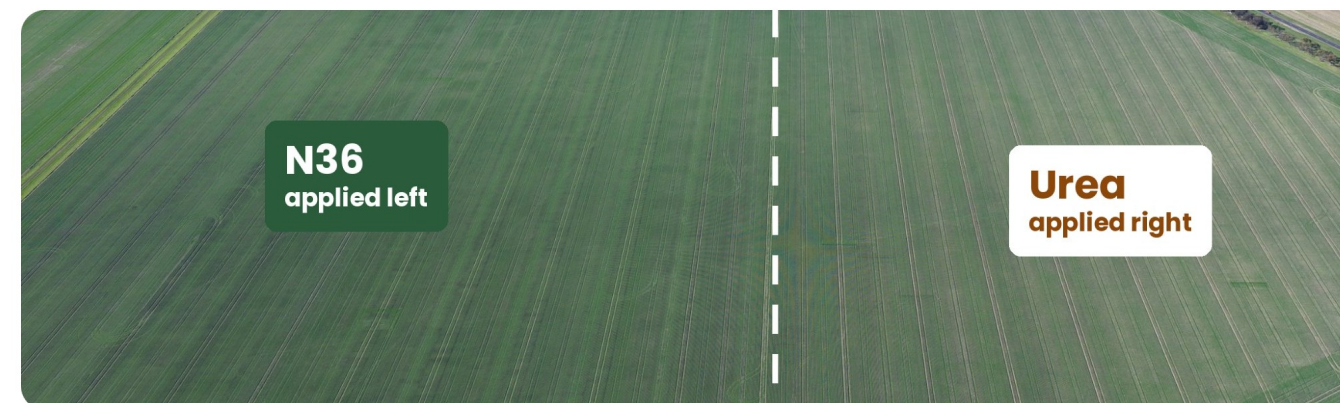
than urea — fewer runs to the fill bin

Up to 3× stronger

crush strength vs urea — less dust, better spreading

FIELD RESULTS

On-farm results



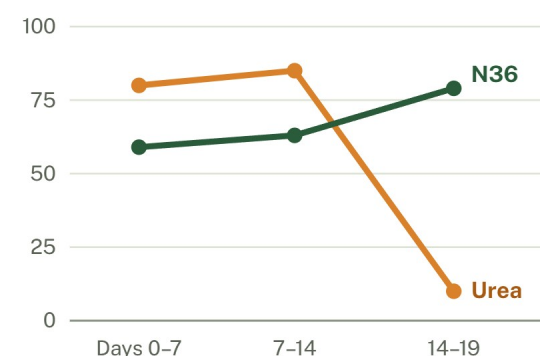
Same paddock, same day, same amount. Early in the season, N36's gentler, more balanced supply got the crop up and going faster than straight urea.

DAIRY PASTURE • TASMANIA

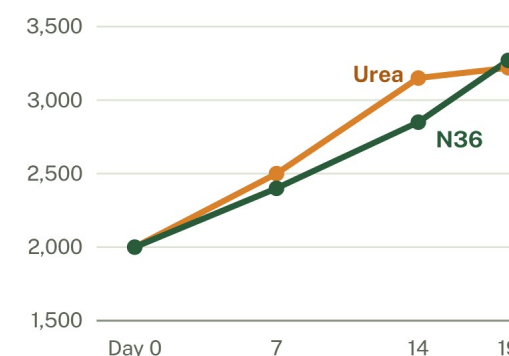
Growth held on when urea fell away

Side-by-side lots at 100 kg/ha each — urea (46 units N) and N36 (35 units N). Growth rates tracked closely, with urea about 20 kg DM/ha ahead, until the final period: N36 kept growing strongly while urea collapsed. Both lots finished at about the same cover.

Growth rate kg DM/ha/day



Pasture cover kg DM/ha



Simple on-farm trial: two marked lots, pre-grazing cover by rising plate meter, walked the same way every 7 days (final period 5 days, grazed the next day).

**Same pasture cover.
11 fewer units of N per hectare.**

Tasmanian dairy trial, 100 kg/ha of each product.

HAPPY SOIL · HAPPY CROP · HAPPY FARMER

Built to spread. Built to handle.

The formulation is for your soil and crop. The handling is for you — denser, tougher, cleaner granules that make every fill and every spread easier.

20%

denser than urea

Spreads more evenly than urea at widths of 36 m and beyond, with fewer runs to refill

Up to 3x

the crush strength of urea

Less breakage and dust through augers and spinners

Easy to see, easy to set

Bright green granules show up on the ground, so you can check your spread at a glance. Consistent sizing and no segregation keep spreader settings steady.

Long-lasting: nitrogen for up to 90 days

N36 combines ammonium N for early growth, urea N for steady supply, and a nitrification inhibitor that slows the conversion of ammonium to nitrate. Ammonium holds onto soil particles, so more N stays in the root zone instead of leaching or being lost as gas.

4–10 weeks

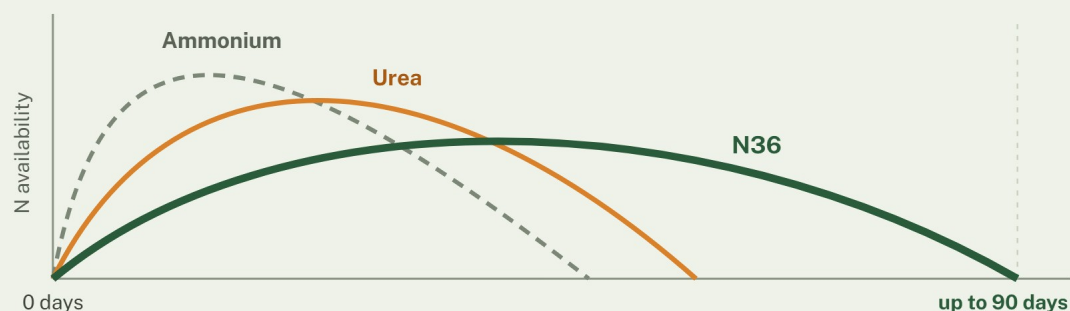
nitrification slowed, depending on soil conditions

+41%

more soil N held as ammonium*

–48%

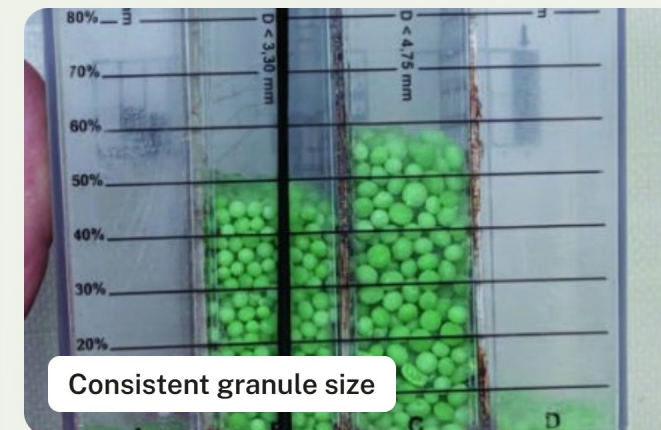
nitrous oxide losses, with less nitrate leaching*



*Field-trial meta-analysis of the inhibitor class used in N36: Yang et al., Scientific Reports (2016).



Urea (left) beside N36 (right)



Consistent granule size



Loaded and ready to spread

Product specification

Product	N36
Analysis (N-P-K-S)	36-0-0-7.5 + 1% Mg
Nitrogen (N)	36%
Sulphur (S)	7.5%
Magnesium (Mg)	1%
Trace elements	Zinc (Zn), Boron (B)
Type	Chemically compounded granule

Talk to LCF Australia

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LCF Australia is the Australian partner for Lardmee (LDM).