



Smart-N is a revolutionary invention for dairy farmers allowing nitrogen application while avoiding urine and dung patches already high in nitrogen. Nitrogen application rates can be reduced without limiting pasture growth.

APPLICATIONS

- Urine and dung patches typically cover between 20-40% of a pasture, therefore with the use of the Smart-N fertiliser application system from Agri Optics a 20-40% reduction in fertiliser can be achieved over each and every application.
- Avoids “wasted” fertiliser inputs to urine patches where no additional response will be gained
- The Smart N system is also capable of delivering a nitrification inhibitor only to those identified patches

KEY BENEFITS

- Reduced input costs
- Reduced nitrate leaching
- Reduced nitrous oxide emissions
- Increased environmental sustainability
- A system capable of dual purposes

