

Nitrogen (N) availability and value (€) using low emission slurry spreading methods (Wall, 2020)

Cattle Slurry Nitrogen Value when applied at 33m³/ha (3,000gals/ac)						
Nitrogen Use Efficiency	Splash Plate		Trailing Shoe/ Bandspreader (LESS*)		Direct Injection (LESS*)	
	Spring	Summer	Spring	Summer	Spring	Summer
N Recovery %	25%	15%	40%	30%	50%	45%
Available N /ha¹	20kg	13kg	33kg	23kg	40kg	36kg
N Value (€/ha)	€21	€14	€35	€24	€42	€37

*David Wall, Teagasc, April 2020 <https://www.teagasc.ie/publications/2020/spreading-the-benefits-low-emission-slurry-spreading-less.php>

¹ Multiply by 0.8 to get units/ac, e.g. 20 kg/ha = 16 units/ac