

Available Nutrient Content & Guide Value (€) of Organic Fertilisers 2022

Organic Fertiliser Type	N kg/m ³ (units/1,000 gal) ⁷	P kg/ m ³ (units/1,000 gal) ^{6, 7}	K kg/ m ³ (units/1,000 gal) ⁷	Value €/ m ³ Or (€/ 1,000 gal) ^{4, 5}
Liquid Manures				
Cattle (6% DM) (SI 605,2017) ¹	2.0 (18)	0.8 (7)	3.5 (32)	12.8 (58)
Cattle (6% DM) (Actual) ²	1.0 (9)	0.6 (5)	3.5 (32)	9.4 (43)
Pig (4% DM) ³	2.1 (19)	0.8 (7)	1.9 (20)	11.1 (50)
Soiled Water	0.48 (4)	0.08 (0.7)	0.6 (5)	2.3 (10)
Solid Manures				
	N kg/t ¹ (units/t)	P kg/t (units/t)	K kg/t (units/t)	Value €/ton
Dungstead Manure	1.4 (3)	0.9 (2)	4.2 (8)	12.9
Farmyard Manure	1.35 (3)	1.2 (2)	6.0 (12)	16.6
Poultry ³				
Broiler / deep litter	14 (28)	6.0 (12)	18.0 (36)	82
Layers (30% DM)	6.85 (14)	2.9 (6)	6.0 (12)	36
Layers (55% DM)	11.5(23)	5.5 (11)	12.0 (24)	65
Turkeys	14 (28)	13.8 (28)	12.0 (24)	103
Spent Mushroom Compost	1.6 (3)	1.5 (3)	8.0 (16)	21

¹ Nitrogen availability based on Nitrates Directive SI 605, 2017 (Cattle slurry total N of 5.0kg & 40% availability). Conversion - kg by 2 = units

² The actual value of N in Cattle slurry (Green Book) is approx. 9 units/1,000 gallon (Based on total N of 2.4kgN/m³ @ 40% N availability by LESS application). Spring application of organic manures is required to maximize N recovery. Manures should be tested to determine manure nutrient content

³ Incorporation of high N manures within 2 to 6hrs after application assume 50% N availability

⁴ Value of N = €2.29/kg. P = €3.84/kg, K = €1.48/kg for 2021 (Nutrient values based on price / volume of range of fertiliser products).

⁵ Cost of spreading & transport not included. ⁶Reduce P availability to 50% on P index 1 & 2 soils.

⁷ Values under units/1,000gals or per ton have been rounded to closest unit.

Updated 4th March, 2022