

Available Nutrient Content & Guide Value (€) of Organic Fertilisers 2020

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)	6.2 (28)
Cattle (6% DM) (Actual) ²	1.0 (9)	0.6 (5)	3.5 (32)	4.9 (22)
Pig (4% DM) ³	2.1 (19)	0.8 (7)	1.9 (20)	5.0 (23)
Soiled Water	0.48 (4)	0.08 (0.7)	0.6 (5)	1.1 (5)
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)	6.5
Farmyard Manure	1.35 (3)	1.2 (2)	6.0 (12)	8.5
Poultry ³				
Broiler / deep litter	14 (28)	6.0 (12)	18.0 (36)	38
Layers (30% DM)	6.85 (14)	2.9 (6)	6.0 (12)	16
Layers (55% DM)	11.5(23)	5.5 (11)	12.0 (24)	29
Turkeys	14 (28)	13.8 (28)	12.0 (24)	44
Spent Mushroom Compost	1.6 (3)	1.5 (3)	8.0 (16)	11
<p>¹ Nitrogen availability based on Nitrates Directive SI 605, 2017 (Cattle slurry total N of 5.0kg & 40% availability). kg by 2 = units</p> <p>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</p> <p>³ Incorporation of high N manures within 2 to 6hrs after application assume 50% N availability</p> <p>⁴ Value of N = €0.85/kg. P = €1.51/kg, K = €0.93/kg for 2020 (Nutrient values based on price / volume of range of fertiliser products).</p> <p>⁵ Cost of spreading & transport not included. ⁶Reduce P availability to 50% on P index 1 & 2 soils.</p> <p>⁷ Values under units/1,000gals or per ton have been rounded to closest unit.</p>				

Updated April, 2020