Available Nutrient Content & Guide Value (€) of Organic Fertilisers 2021

Organic Fertiliser Type	N kg/m³ (units/1,000 gal)[7]	P kg/ m³ (units/1,000 gal) [6, 7]	K kg/ m³ (units/1,000 gal) [7]	Value €/ m³ Or (€/ 1,000 gal) [4,5]
Liquid Manures				
Cattle (6% DM) (SI 605,2017) [1]	2.0 (18)	0.8 (7)	3.5 (32)	**6.8** (31)
Cattle (6% DM) (Actual) [2]	1.0 (9)	0.6 (5)	3.5 (32)	**5.1** (23)
Pig (4% DM) [3]	2.1 (19)	0.8 (7)	1.9 (20)	**5.9** (27)
Soiled Water	0.48 (4)	0.08 (0.7)	0.6 (5)	**1.2** (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)	**7.0**
Farmyard Manure	1.35 (3)	1.2 (2)	6.0 (12)	**9.0**
Poultry [3]				
Broiler / deep litter	14 (28)	6.0 (12)	18.0 (36)	**43**
Layers (30% DM)	6.85 (14)	2.9 (6)	6.0 (12)	**19**
Layers (55% DM)	11.5(23)	5.5 (11)	12.0 (24)	**35**
Turkeys	14 (28)	13.8 (28)	12.0 (24)	**57**
Spent Mushroom Compost	1.6 (3)	1.5 (3)	8.0 (16)	**12**

[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 = €1.04/kg. P = €2.32/kg, K = €0.83/kg for 2021 (Nutrient values based on price / volume of range of fertiliser products).

[5] Cost of spreading & transport not included. [6]Reduce 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 26th January, 2021***

teagasc
Agriculture and Food Development Authority