

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

Organic Fertiliser Type	N kg/m <sup>3</sup> (units/1,000 gal) <sup>6</sup>	P kg/ m <sup>3</sup> (units/1,000 gal) <sup>5, 6</sup>	K kg/ m <sup>3</sup> (units/1,000 gal) <sup>6</sup>	Value €/ m <sup>3</sup> Or (€/ 1,000 gal) <sup>3, 4</sup>
<b>Liquid Manures</b>				
Cattle (6% DM)	1.0 (9)	0.6 (5)	3.5 (32)	<b>11.5 (52)</b>
Pig (4% DM) <sup>2</sup>	2.1 (19)	0.8 (7)	2.2 (20)	<b>13.5 (61)</b>
Soiled Water	0.48 (4)	0.08 (0.7)	0.6 (5)	<b>2.7 (12)</b>
<b>Solid Manures</b>				
	N kg/t <sup>1</sup> (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)	<b>16</b>
Farmyard Manure	1.35 (3)	1.2 (2)	6.0 (12)	<b>21</b>
<b>Poultry<sup>3</sup></b>				
Broiler / deep litter	14 (28)	6.0 (12)	18.0 (36)	<b>99</b>
Layers (30% DM)	6.85 (14)	2.9 (6)	6.0 (12)	<b>43</b>
Layers (55% DM)	11.5(23)	5.5 (11)	12.0 (24)	<b>80</b>
Turkeys	14 (28)	13.8 (28)	12.0 (24)	<b>129</b>
Spent Mushroom Compost	1.6 (3)	1.5 (3)	8.0 (16)	<b>27</b>

<sup>1</sup> The value of N in Cattle slurry is 9 units/1,000 gallon (Based on total N of 2.4kgN/m<sup>3</sup> @ 40% N availability by LESS application). Conversion - kg by 2 = units  
Spring application of organic manures is required to maximize N recovery. Manures should be tested to determine manure nutrient content.

<sup>2</sup> Incorporation of high N manures within 2 to 6hrs after application assume 50% N availability

<sup>3</sup> Value of N = €2.52/kg. P = €5.15/kg, K = €1.84/kg for 2022 (Nutrient values based on price / volume of range of fertiliser products).

<sup>4</sup> Cost of spreading & transport not included. <sup>5</sup>Reduce P availability to 50% on P index 1 & 2 soils.

<sup>6</sup> Values under units/1,000gals or per ton have been rounded to closest unit.

**Updated 26<sup>th</sup> October, 2022**