

# Waste Interpretation – Court Farm Cake (2025)

## DCWW

### Analysis of Court Farm Sludge Cake

Date: 31/03/2025

Sample no. MANU170886

Application rate (t/ha)	209
Application rate (t/acre)	83.6
pH	7.1
Dry solids (%)	20.2
Organic matter (%)	14.5

#### NUTRIENT CONTENT

TOTALS	result	units	Total		Available	
			(kg/tonne)	( kg/ha)	(kg/tonne)	( kg/ha)
Nitrogen (N)	0.59	%	1.19	249.1	0.006	1.2
Ammonium-N	28.5	mg/kg	0.01	1.2		
Phosphorus (P)	0.14	%	0.29	60.6		
Phosphate (P <sub>2</sub> O <sub>5</sub> )			0.66	138.2	0.3	69.1
Potassium (K)	0.06	%	0.13	26.9		
Potash (K <sub>2</sub> O)			0.15	32.3	0.1	29.0
Magnesium (Mg)	1483	mg/kg	0.30	62.6		
Magnesium (MgO)			0.48	100.2	0.1	25.0
Sulphur (S)	1119	mg/kg	0.23	47.2		
Sulphur (SO <sub>3</sub> )			0.57	118.1	0.1	11.8
Calcium (Ca)	14527	mg/kg	2.9	613.3		

#### POTENTIALLY TOXIC ELEMENTS

TOTALS	result	units	Amount		Limit
			(g/tonne)	(kg/ha)	(kg/ha/yr)
Zinc	50.2	mg/kg	10.1	2.12	15.00
Copper	21.2	mg/kg	4.28	0.90	7.50
Nickel	25.2	mg/kg	5.09	1.06	3.00
Lead	7.9	mg/kg	1.60	0.33	15.00
Cadmium	0.38	mg/kg	0.08	0.02	0.15
Chromium	30.3	mg/kg	6.12	1.28	15.00
Mercury	0.1	mg/kg	0.02	0.00	0.10
Arsenic	14.7	mg/kg	2.97	0.62	0.70
Aluminium	4810	mg/kg	972	203.1	
Iron	413246	mg/kg	83476	17446.4	