Lancrop Laboratories

Appendix 2 – Analysis Records

Washwaters Analysis

Slurry analysis report

Customer	PUFFIN PRODUCE LTD WITHYBUSH IND ESTATE HAVERFORDWEST SA62 4BS	**Distributor**	PUFFIN FARMS LTD WOODLANDS SITE WITHYBUSH IND EST HAVERFORDWEST PEMBROKESHIRE SA62 4BS
Sample ref.	PCL DAF	**Received**	27/03/2026
Sample no.	G182938A/01	**Issued**	16/04/2026 (issue 1)

Nutrient	Fresh weight (kg/m3)	Fresh weight (units/1000 gallons)	kg applied at (250 kg N/ha)	kg applied at (250 m3/ha)
Total Nitrogen (%)	1.40	12.6	250.0	351.0
Phosphorus as P2O5	0.05	0.5	9.5	13.4
Potassium as K2O	0.21	1.91	258.2	40.4
Magnesium as MgO	0.02	0.15	20.9	2.8
Calcium as CaO	0.08	0.76	102.4	21.0
Sulphur as SO3	0.80	7.20	975.6	200.0
Copper Slurry	0.0001	0.00	<1	<1
Zinc Slurry	0.0002	0.00	<1	<1
Av N (NO3-N + NH4-N)	0.11	0.99	134.1	27.5
Nitrate Nitrogen	0.09	0.81	109.8	22.5
Ammonium Nitrogen	0.02	0.18	24.4	5.0

Additional analysis	Result
Dry Matter (kg/m3)	3.80
pH	5.7
C:N RATIO	4.7
Mercury (mg/l)	< 0.01

Comments:
Results are quoted on a fresh weight basis and represent total levels (unless otherwise indicated). Not all the above amounts will be available in the first season. Nitrogen is particularly variable and is affected by the weather after spreading and speed of incorporation into the soil. For information relating to the % of these total nutrients that are available in the first year of use please refer to AHDB publication Nutrient Management Guide (RB209) - Section 2 Organic Materials.

For applications within nitrate vulnerable zones, refer to column three for nutrient levels applied at N max field limit 250kg N/ha, then refer to table two for the application rate in t/ha required to achieve 250 kg N/ha.

For low/zero nitrogen level wastes, refer to column four for nutrient levels applied at 250 t/ha in accordance with the relevant waste permitting regulations.

Sample no.: **G182938A/01**, Customer: **PUFFIN PRODUCE LTD**, Sample ref.: **PCL DAF**

Released by Chris Lindley..... Laboratory Manager, on behalf of Lancrop Laboratories

Please Note: Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request. Uncertainty measurements of results are available on request