

DATE: July 11, 2024
 REPORT No. 107599
 CLIENT: Perfect Blend LLC
 CONSULTANT: Lainy Chapman
 SAMPLE DATE: 7/2/2024
 SAMPLE NAME: PBO 442 D24-048
 SAMPLE ID: 7/1/2024
 SAMPLE TYPE: Fertilizer-Dry
 Lab No: 8569

GROWER: Perfect Blend
 Pasco Office:
 488-0112



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Fertilizer Analysis Report

Analyte	Results (As Is basis)		Results (Dry weight basis)		Method
	(Mass Basis)	(Application Basis)			
Total Nitrogen (N)	4.59 %	91.8 lbs/ton		%	AOAC 990.3
Phosphorus (P)	2.00 %	40.0 lbs/ton		%	EPA 6010D
Phosphorus (as P2O5)	4.58 %	91.5 lbs/ton		%	
Potassium (K)	2.99 %	59.7 lbs/ton		%	EPA 6010D
Potassium (as K2O)	3.58 %	71.7 lbs/ton		%	
Sulfur (S)	0.78 %	15.6		%	EPA 6010D

Note 1% = 10,000 mg/kg
 Application basis is calculated based on a conversion factor 1% = 20 lbs/ton
 To convert phosphorus as P2O5 to elemental phosphorus, divide by 2.29. To convert potassium as K2O into elemental K, divide by 1.20



Client: **PERFECT BLEND**

Product: **D24-002 PBO 4-4-2**

Date Reported: 01/30/24

Date Sampled: 01/11/24

Laboratory # **M24-112**

771 S KULM RD

Date Received: 01/16/24

Received by Brent Thyssen, CPSSc

OTHELLO, WA 99344

Invoice #: M24-112

PO#:

509-488-5570

Amount: \$204.00

NUTRIENT REPORT

SAMPLE I.D.: D24-002 PBO 4-4-2

%SOLIDS

%WATER

92.07

7.93

As Received:

TOTAL ELEMENTS	-----100% DRY-----		-----AS RECEIVED-----	
	%	lbs/ton	%	lbs/ton
TN	5.50	110.03	5.07	101.3
P	1.86	37.20	1.71	34.2
P205	4.28	85.56	3.94	78.8
K	2.50	50.02	2.30	46.1
K20	3.00	60.02	2.76	55.3
	mg/kg	lbs/ton	mg/kg	lbs/ton
Nitrate N	10	0.02	9.4	0.02

Ammonium N	1399	2.80	1288	2.58
Chloride	7219	14.44	6646	13.29
C:N Ratio			6.8	

Heavy Metals

WAC 173-308-220

Method		Dry Wt.	Units	MDL	WAC Limit
Arsenic	EPA 3050B/ 6010D	3.5	mg/kg	1.05	41
Cadmium	EPA 3050B/ 6010D	<MDL	mg/kg	0.19	39
Chromium	EPA 3050B/ 6010D	6.5	mg/kg	0.17	-
Cobalt	EPA 3050B/ 6010D	<MDL	mg/kg	0.11	-
Copper	EPA 3050B/ 6010D	58.3	mg/kg	0.25	1500
Mercury	EPA 7473	0.041	mg/kg	0.002	17
Molybdenum	EPA 3050B/ 6010D	2.43	mg/kg	0.08	-
Nickel	EPA 3050B/ 6010D	4.7	mg/kg	0.23	420

Lead	EPA 3050B/ 6010D	<MDL	mg/kg	0.87	300
Selenium	EPA 3050B/ 6010D	6.50	mg/kg	0.59	100
Zinc	EPA 3050B/ 6010D	415	mg/kg	0.74	2800
Aluminum	EPA 3050B/ 6010D	572	mg/kg	2.00	-
Metals Assay PASS					