



2925 Driggs Dr., Moses Lake, Wa 98837 - www.soiltestlab.com
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PERFECT BLEND

**771 S KULM RD
OTHELLO, WA 99344
509-488-5570**

DATE REC 12-Sep-23
INVOICE # M23-00887
LAB # M23-00887

Date Reported: 09/18/23

Amount Due \$120.00

Revised by: Brent Thyssen, CPSSc

D23-113 PB 8-5-5 Biotic

Heavy Metals

WAC 173-308-160

	Method	Dry Wt.	Units	MDL	WAC Limit
Arsenic	EPA 3050B/ 6010D	<MDL	mg/kg	1.05	41
Cadmium	EPA 3050B/ 6010D	0.91	mg/kg	0.19	39
Chromium	EPA 3050B/ 6010D	7.10	mg/kg	0.17	-
Cobalt	EPA 3050B/ 6010D	0.43	mg/kg	0.11	-
Copper	EPA 3050B/ 6010D	180	mg/kg	0.25	1500
Mercury	EPA 7473	0.036	mg/kg	0.002	17
Molybdenum	EPA 3050B/ 6010D	3.06	mg/kg	0.08	-
Nickel	EPA 3050B/ 6010D	3.86	mg/kg	0.23	420
Lead	EPA 3050B/ 6010D	<MDL	mg/kg	0.87	300
Selenium	EPA 3050B/ 6010D	4.03	mg/kg	0.59	100
Zinc	EPA 3050B/ 6010D	440	mg/kg	0.74	2800



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OTHELLO, WA 99344
Field I.D. D23-113 PB 8-5-5 BIOTIC

Date Received: 9/12/2023
Lab Sample ID: M23-00887
Grower:
Grower Account #:
Grower Sample ID

Solid

As Received: % SOLIDS 96.16 % WATER 3.84

TOTAL ELEMENTS	----- 100% DRY -----		----- AS RECEIVED-----	
	%	lbs/ton	%	lbs/ton
TN	13.61	272.30	13.09	261.80
TC	26.25	525.10	25.25	504.90
P	3.41	68.30	3.28	65.60
P205	7.85	157.00	7.55	151.00
K	4.95	99.00	4.76	95.20
K20	5.94	118.90	5.71	114.30
S	2.29	45.90	2.21	44.10
Ca	7.52	150.40	7.23	144.60
Mg	0.80	16.00	0.77	15.40
Na	0.37	7.40	0.36	7.10
	mg/kg	lbs/ton	mg/kg	lbs/ton
Zn	386.7	0.77	372	0.74
Mn	729.8	1.46	702	1.40
Cu	132.6	0.27	128	0.26
Fe	4745.5	9.49	4563	9.13
B	64.2	0.13	62	0.12
Cl				
AVAILABLE				
NH4-N	7810	15.62	7510	15.019
NO3-N	31	0.06	29	0.059
pH (1:5)	6.4			
E.C. (1:5)	21.80			
C:N	1.9			

We make every effort to provide an accurate analysis of your sample. For reasonable cause we will repeat tests, but because of factors beyond our control in sampling procedures and the inherent variability of manure, our liability is limited to the price of the tests. Note: "u" indicates that the element was analyzed for but not detected

This is your Invoice M23-00887 Account #: 552000 Reviewed by: K. Bair, PhD, CP List Cost \$70.00