



Client: Krainick Ag Products	Product: Scarecrows Pride	Date Reported: 02/05/14
Attn: Leann Krainick	Date Sampled: 01/13/14	Laboratory # C14-110
40129 236th Ave SE	Date Received: 01/14/14	Revised by Brent Thyssen, CPSSc
Enumclaw, WA 98022		
360-825-2231		Amount: \$ 280.00

Nutrients

	Method	As Rcvd.	Dry Wt.	Units	Low	Normal	High	Typical Range
Moisture	70 C	66		%	*****			15 to 40
Solids	70 C	34		%	*****			60 to 85
pH	1:5	8.8	NA	SU	*****			5.5 to 8.5
E.C	1:5	0.95	2.84	mmhos/cm	*****			below 5.0
Total N	TMECC 04.02D	0.42	1.24	%	*****			1 to 5
Organic C	TMECC 04.01A	13.6	40.7	%	*****			18 to 45
Organic Matter	TMECC 05.07A	27.9	83.2	%	*****			40 to 60
Ash	550 C	5.6	16.8	%	**			40 to 60
Ammonium -N	TMECC 05.02C	237	707	mg/kg	*****			90 to 450
Nitrate-N	TMECC 04.02B	0.5	1.5	mg/kg	***			50 to 250
Chloride	TMECC 04.12D	781	2331	mg/kg	*****			500 to 5000
Sulfate-S	TMECC 04.12D	100	298	mg/kg				
CaCO₃	TMECC 04.08A	23	70	lbs/T	*****			20 to 80
Phosphorus	TMECC 04.12B/04.14A	0.06	0.18	%				
P₂O₅		0.14	0.41	%	***			1 to 8
Potassium	TMECC 04.12B/04.14A	0.15	0.45	%				
K₂O		0.18	0.53	%	***			3 to 12
Calcium	TMECC 04.12B/04.14A	0.38	1.1	%	*****			0.5 to 10
Magnesium	TMECC 04.12B/04.14A	0.13	0.37	%	*****			0.05 to 0.7
Sodium	TMECC 04.12B/04.14A	0.03	0.10	%	*****			0.05 to 0.7
Sulfur	TMECC 04.12B/04.14A	0.06	0.18	%	*****			0.1 to 1.0
Boron	TMECC 04.12B/04.14A	5	16	mg/kg	*****			25 to 150
Zinc	TMECC 04.12B/04.14A	36	108	mg/kg	*****			100 to 600
Manganese	TMECC 04.12B/04.14A	31	93	mg/kg	***			250 to 750
Copper	TMECC 04.12B/04.14A	70	210	mg/kg	*****			100 to 500
Iron	TMECC 04.12B/04.14A	966	2884	mg/kg	*****			1000 to 25000
C/N ratio			33	ratio	*****			18 to 24
C/P Ratio			226	ratio	*****			80 to 140
Ag Index			6	ratio	*****			3 to 10

Respiration & Stability

	Method		Units	Low	Normal	High	Normal
CO2 Evolution	TMECC 05.08	2	mg CO ₂ -C/g OM/day	*****			1 to 7
	TMECC 05.08	5	mg CO ₂ -C/g TS/day	*****			0.5 to 5
	TMECC 05.08	0.7	mg NH ₃ -N /kg /day	***			10 to 100
Stability Rating	Stable						

Sample was received, handled and tested in accordance with TMECC procedures



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Cucumber Bioassay

Method	Units	Low	Normal	Normal
Emergence TMECC 05.05A	97 %	*****		80 to 100
Vigor TMECC 05.05A	100 %	*****		85 to 100
Plant Description	Mature			

Pathogens

Method	Date Tested	units	Low	Normal	High	Normal
Fecal Coliforms TMECC 07.01B	1/15/2014	2 MPN/g	***			Less than 1000
Salmonella TMECC 07.01c		Not Tested MPN/4g				Less than 3

ND = None Detected

WAC 173-350-220

Method	Dry Wt.	Units	Low	Normal	High	WAC Limit
Arsenic TMECC 04.12B/04.14A	2.8	mg/kg	****			20
Cadmium TMECC 04.12B/04.14A	0.4	mg/kg	****			10
Chromium TMECC 04.12B/04.14A	9.1	mg/kg	****			-
Cobalt TMECC 04.12B/04.14A	1.6	mg/kg				-
Copper TMECC 04.12B/04.14A	210	mg/kg	****			750
Lead TMECC 04.12B/04.14A	2.1	mg/kg	****			150
Mercury TMECC 04.12B/04.14A	0.01	mg/kg	****			8
Molybdenum TMECC 04.12B/04.14A	2.8	mg/kg				9
Nickel TMECC 04.12B/04.14A	5	mg/kg	****			210
Selenium TMECC 04.12B/04.14A	0.8	mg/kg	****			18
Zinc TMECC 04.12B/04.14A	108	mg/kg	****			1400
Pass						

Particle Size Distribution TMECC 2.02 B & C

inches	mm	% Passing	Inerts	% by wt.
3	76.2	100		
2	50	100	Plastic	0.00
1	25	100	Glass	0.00
3/4	19.1	100		
5/8	16	100	Metal	0.00
3/8	9.5	100	Sharps	0.00
1/4	6.3	100		
1/8	4.0	94		

Sample was received, handled and tested in accordance with TMECC procedures