

WALLACE LABS
 365 Coral Circle
 El Segundo, CA 90245
 (310) 615-0116

COMPOST REPORT

DATE: December 19, 2024

Location Tawa LLC
 Requester David Velez
 Material House Blend Compost

ammonium bicarbonate/DTPA
 extractable - mg/kg soil

Interpretation as media
 low medium high

0-12 16-28 32-44

0-240 240-500 500-700

0-12 12-20 over 20

0-2 3-4 over 5

0-4 4-6 over 6

0-0.5 0.6-1 over 1

0-1 1-2 over 2

ratio of calcium to magnesium
 needs to be more than 2 or 3

should be less than potassium

graphic interpretation: * very low, ** low, *** moderate, **** high, ***** very high
 Sample ID No. 24-353-01

extractable (available)

elements

mg/kg graphic

440.35 ****

13,255.68 ****

4.11 *

48.74 ****

20.74 ****

0.82 ***

2.75 ****

3,320.02 ****

1,300.37 ****

188.24 ***

631.66 ****

0.12 ****

n d *

0.16 *

1.96 *

0.19 *

n d *

n d *

0.66 *

1.88 **

n d *

0.10 *

n d *

8.15

n d *

18.17 ***

n d *

n d

n d *

7.66 ****

3.85 ****

millieq/l

60.2

31.0

18.6

37.7

1,244.4

31.8

cation sum

380

23.5

106.8

61.8

chloride

nitrate as N

sulfate as S

phosphorus

anion sum

40.9

10.7

1.7

6.7

4.1

23.2

boron as B

0.49 **

0.5 *

0.4

fair/good

73.98%

2.31%

35.07%

carbon:nitrogen ratio

lime (calcium carbonate)

percent water/total basis

percent water on a dry weight basis

half saturation percentage

bulk density - pounds per cubic yard

exchangeable ammonium - mg/kg dry wt. basis

506

Total Content
 Available nutrients

Percent available
 pounds per cubic yard

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Total Addition	pounds per cubic yard:	Application rate in cubic yards per 1,000 square feet						
		1	2	3	4	5	6	7
nitrogen	7.892	7.9	15.8	23.7	31.6	39.5	47.4	55.2
P2O5	2.156	2.2	4.3	6.5	8.6	10.8	12.9	15.1
K2O	8.291	8.3	16.6	24.9	33.2	41.5	49.7	58.0
iron	1.103	1.1	2.2	3.3	4.4	5.5	6.6	7.7
manganese	0.056	0.1	0.1	0.2	0.2	0.3	0.3	0.4
zinc	0.023	0.0	0.0	0.1	0.1	0.1	0.1	0.2
copper	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0
boron	0.015	0.0	0.0	0.0	0.1	0.1	0.1	0.1
calcium	6.199	6.2	12.4	18.6	24.8	31.0	37.2	43.4
magnesium	1.853	1.9	3.7	5.6	7.4	9.3	11.1	13.0
sodium	0.268	0.3	0.5	0.8	1.1	1.3	1.6	1.9
sulfur	1.047	1.0	2.1	3.1	4.2	5.2	6.3	7.3
molybdenum	0.00171	0.0	0.0	0.0	0.0	0.0	0.0	0.0

units in pounds

Increase in Salinity if incorporated 6" deep

0.21 0.42 0.62 0.83 1.04 1.25 1.46

Total Addition	pounds per ton:	Application rate in tons per acre						
		1	3	5	8	10	12	15
nitrogen	35.89	35.89	107.68	179.47	287.16	358.95	430.74	538.42
phosphorus	9.81	9.81	29.42	49.03	78.45	98.07	117.68	147.10
potassium	37.71	37.71	113.12	188.54	301.66	377.08	452.49	565.62
iron	5.02	5.02	15.06	25.09	40.15	50.18	60.22	75.28
manganese	0.26	0.26	0.77	1.28	2.05	2.56	3.07	3.84
zinc	0.10	0.10	0.31	0.51	0.82	1.03	1.23	1.54
copper	0.03	0.03	0.09	0.15	0.24	0.31	0.37	0.46
boron	0.07	0.07	0.21	0.34	0.55	0.68	0.82	1.03
calcium	28.20	28.20	84.59	140.98	225.56	281.95	338.35	422.93
magnesium	8.43	8.43	25.28	42.14	67.43	84.28	101.14	126.42
sodium	1.22	1.22	3.66	6.10	9.76	12.20	14.65	18.31
sulfur	4.76	4.76	14.29	23.82	38.11	47.64	57.16	71.45
molybdenum	0.01	0.01	0.02	0.04	0.06	0.08	0.09	0.12

units in pounds

Increase In Salinity if incorporated 6" deep

0.02 0.07 0.11 0.17 0.22 0.26 0.33

Bulk Density
 pounds per cubic yard 440
 salinity millimho/cm 3.85