

STUKENHOLTZ LABORATORY, INC.

2924 Addison Ave. E., P.O. Box 353 Twin Falls, ID 83303
208.734.3050, Fax: 734.3919 www.stukenholtz.com

Compost Analysis

208/324-4536

208/324-4786

MAGIC VALLEY COMPOST
76 NORTH 400 WEST

JEROME ID 83338

Grower: MVC

Sample ID.: JVB-N.E PROBIES

Report No.: 8249
Account No.: 969
Date Received: 2/17/16
Date Reported: 2/17/16

<u>Nutrients Analyzed</u>	<u>Analysis Dry Wt. Basis</u>	<u>lb./Ton on As Recv'd Basis</u>
Total N, %	0.88	13.39
Total C, %	8.30	123.33
C:N Ratio	9.4:1	
Nitrate N, ppm	163	0.25
P ₂ O ₅ , %	0.98	14.92
K ₂ O, %	2.56	38.96
Calcium, %	5.83	88.73
Magnesium, %	1.18	17.96
Sulfur, %	0.54	8.22
Zinc, ppm	40	0.061
Iron, ppm	7971	12.13
Manganese, ppm	131	0.199
Copper, ppm	31	0.050
Boron, ppm	44	0.067
Sodium, %	0.52	7.914
pH	9.7	
Salts as EC, mmhos	4.8	
Dry Matter	76.1	1,522

Notes:

Magic Valley Compost Sample

Supervised by: Paul Stukenholtz

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76 NORTH 400 WEST

JEROME ID 83338

Grower: MVC

Sample ID.: JVB-N.W PROBIES

Report No.: 8250
Account No.: 969
Date Received: 2/17/16
Date Reported: 2/17/16

<u>Nutrients Analyzed</u>	<u>Analysis Dry Wt. Basis</u>	<u>lb./Ton on As Recv'd Basis</u>
Total N, %	1.56	23.84
Total C, %	15.32	234.09
C:N Ratio	9.8:1	
Nitrate N, ppm	73	0.11
P ₂ O ₅ , %	1.65	25.21
K ₂ O, %	4.06	62.04
Calcium, %	4.60	70.29
Magnesium, %	1.12	17.11
Sulfur, %	0.70	10.70
Zinc, ppm	79	0.121
Iron, ppm	6919	10.57
Manganese, ppm	116	0.177
Copper, ppm	192	0.290
Boron, ppm	44	0.067
Sodium, %	1.18	18.03
pH	9.8	
Salts as EC, mmhos	8.9	
Dry Matter	76.4	1,528

Notes:

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JEROME ID 83338

Grower: MVC

MAGIC VALLEY COMPOST

Sample ID.: JVB-HEIFER 2800

Report No.: 8251

Account No.: 969

Date Received: 2/17/16

Date Reported: 2/17/16

<u>Nutrients Analyzed</u>	<u>Analysis Dry Wt. Basis</u>	<u>lb./Ton on As Recv'd Basis</u>
Total N, %	1.16	17.24
Total C, %	12.02	178.62
C:N Ratio	10.4:1	
Nitrate N, ppm	78	0.12
P ₂ O ₅ , %	1.28	19.02
K ₂ O, %	2.98	44.28
Calcium, %	5.65	83.96
Magnesium, %	1.13	16.79
Sulfur, %	0.60	8.92
Zinc, ppm	66	0.098
Iron, ppm	6722	9.99
Manganese, ppm	118	0.175
Copper, ppm	51	0.080
Boron, ppm	16	0.024
Sodium, %	0.72	10.69
pH	9.7	
Salts as EC, mmhos	5.8	
Dry Matter	74.3	1,486

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JEROME ID 83338

Grower: MVC

MAGIC VALLEY COMPOST

Report No.: 8252

Account No.: 969

Date Received: 2/17/16

Date Reported: 2/17/16

Sample ID.: JVB-2800

<u>Nutrients Analyzed</u>	<u>Analysis Dry Wt. Basis</u>	<u>lb./Ton on As Recv'd Basis</u>
Total N, %	1.21	16.87
Total C, %	12.01	167.42
C:N Ratio	9.9:1	
Nitrate N, ppm	663	0.92
P ₂ O ₅ , %	1.63	22.72
K ₂ O, %	3.75	52.28
Calcium, %	7.36	102.6
Magnesium, %	1.20	16.73
Sulfur, %	0.70	9.76
Zinc, ppm	73	0.102
Iron, ppm	6174	8.61
Manganese, ppm	122	0.170
Copper, ppm	63	0.090
Boron, ppm	25	0.035
Sodium, %	0.93	12.96
pH	9.8	
Salts as EC, mmhos	7.9	
Dry Matter	69.7	1,394

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JEROME ID 83338

Grower: MVC

MAGIC VALLEY COMPOST

Report No.: 8253
Account No.: 969
Date Received: 2/17/16
Date Reported: 2/17/16

Sample ID.: JVB-5

<u>Nutrients Analyzed</u>	<u>Analysis Dry Wt. Basis</u>	<u>lb./Ton on As Recv'd Basis</u>
Total N, %	0.88	12.90
Total C, %	8.47	124.17
C:N Ratio	9.6:1	
Nitrate N, ppm	57	0.08
P ₂ O ₅ , %	1.08	15.83
K ₂ O, %	2.83	41.49
Calcium, %	3.95	57.91
Magnesium, %	1.19	17.45
Sulfur, %	0.53	7.77
Zinc, ppm	51	0.075
Iron, ppm	9021	13.22
Manganese, ppm	143	0.210
Copper, ppm	40	0.060
Boron, ppm	12	0.018
Sodium, %	0.62	9.089
pH	9.6	
Salts as EC, mmhos	5.5	
Dry Matter	73.3	1,466

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MAGIC VALLEY COMPOST
76 NORTH 400 WEST

JEROME ID 83338

Grower: MVC

MAGIC VALLEY COMPOST

Sample ID.: BSE 216

Report No.: 8145

Account No.: 969

Date Received: 2/16/16

Date Reported: 2/16/16

<u>Nutrients Analyzed</u>	<u>Analysis Dry Wt. Basis</u>	<u>lb./Ton on As Recv'd Basis</u>
Total N, %	0.95	14.21
Total C, %	7.96	119.08
C:N Ratio	8.4:1	
Nitrate N, ppm	14	0.02
P ₂ O ₅ , %	0.97	14.51
K ₂ O, %	2.75	41.14
Calcium, %	1.47	21.99
Magnesium, %	1.02	15.26
Sulfur, %	0.55	8.23
Zinc, ppm	100	0.150
Iron, ppm	12810	19.16
Manganese, ppm	57	0.085
Copper, ppm	53	0.080
Boron, ppm	52	0.078
Sodium, %	0.49	7.330
pH	9.8	
Salts as EC, mmhos	5.2	
Dry Matter	74.8	1,496

Notes:

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