PART 2
MERCED Land Application

East Bay Municipal Utility District

East Bay MUD Application Summary - 2015

Field Code:	ME 3-3
Date:	2/1/2016
Total Acres:	131.4
Tax Assessors Parcel No.	042-220-008, 042-230-54
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	28#/acre
Date Started:	10/1/2015
Seeding Date:	December-15
Harvesting Date:	May-16

Wet Tons Applied For Current Year:	5840.95
Dry Tons Applied For Current Year:	1268.07
Wet Metric Tons Applied For Current Year:	5302.41
Dry Metric Tons Applied For Current Year:	1151.15
Wet Tons/Acre Applied For Current Year:	44.45
Dry Tons/Acre Applied For Current Year:	9.65
Wet Metric Tons/ha Applied For Current Year:	99.69
Dry Metric Tons/ha Applied For Current Year:	21.64

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	758.86	887.86
NH3	29.46	34.47
NO3	1.11	1.30
Organic N	728.28	852.09
As	0.03	0.04
Cd	0.02	0.03
Cr	0.48	0.57
Cu	5.34	6.25
Pb	0.40	0.47
Hg	0.01	0.01
Mo	0.16	0.19
Ni	0.26	0.31
Se	0.00	0.00
Zn	13.64	15.96
PAN	161.50	188.95
P	549.34	642.73

East Bay MUD Application Summary - 2015

Field Code:	ME 3-4
Date:	2/1/2016
Total Acres:	47.1
Tax Assessors Parcel No.	042-220-008, 043-070-41
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	109#/acre
Date Started:	9/24/2015
Seeding Date:	November-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1961.87
Dry Tons Applied For Current Year:	425.92
Wet Metric Tons Applied For Current Year:	1780.99
Dry Metric Tons Applied For Current Year:	386.65
Wet Tons/Acre Applied For Current Year:	41.65
Dry Tons/Acre Applied For Current Year:	9.04
Wet Metric Tons/ha Applied For Current Year:	93.41
Dry Metric Tons/ha Applied For Current Year:	20.28

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	711.08	831.97
NH3	27.61	32.30
NO3	1.04	1.22
Organic N	682.44	798.45
As	0.03	0.04
Cd	0.02	0.03
Cr	0.45	0.53
Cu	5.01	5.86
Pb	0.38	0.44
Hg	0.01	0.01
Mo	0.15	0.18
Ni	0.25	0.29
Se	0.00	0.00
Zn	12.78	14.96
PAN	151.33	177.06
P	514.74	602.25

East Bay MUD Application Summary - 2015

Field Code:	ME 3-6
Date:	2/1/2016
Total Acres:	25.1
Tax Assessors Parcel No.	043-070-41
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	28#/acre
Date Started:	4/9/2015
Seeding Date:	May-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1261.10
Dry Tons Applied For Current Year:	239.36
Wet Metric Tons Applied For Current Year:	1144.83
Dry Metric Tons Applied For Current Year:	217.29
Wet Tons/Acre Applied For Current Year:	50.24
Dry Tons/Acre Applied For Current Year:	9.54
Wet Metric Tons/ha Applied For Current Year:	112.67
Dry Metric Tons/ha Applied For Current Year:	21.39

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	861.76	1008.26
NH3	6.21	7.27
NO3	0.73	0.85
Organic N	854.82	1000.14
As	0.00	0.00
Cd	0.02	0.02
Cr	0.53	0.62
Cu	5.74	6.72
Pb	0.48	0.56
Hg	0.00	0.00
Mo	0.14	0.17
Ni	0.29	0.34
Se	0.05	0.06
Zn	13.76	16.10
PAN	174.80	204.52
P	542.72	634.98

East Bay MUD Application Summary - 2015

Field Code:	ME 3-7
Date:	2/1/2016
Total Acres:	138.1
Tax Assessors Parcel No.	043-070-41, 043-100-014
Crop:	Forage Mix
Crop Nitrogen Usage:	225#/acre
Residual Nitrogen	0#/acre
Date Started:	7/16/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	3733.61
Dry Tons Applied For Current Year:	793.39
Wet Metric Tons Applied For Current Year:	3389.37
Dry Metric Tons Applied For Current Year:	720.24
Wet Tons/Acre Applied For Current Year:	27.04
Dry Tons/Acre Applied For Current Year:	5.75
Wet Metric Tons/ha Applied For Current Year:	60.63
Dry Metric Tons/ha Applied For Current Year:	12.88

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	411.85	481.86
NH3	25.66	30.02
NO3	0.99	1.16
Organic N	385.20	450.68
As	0.01	0.01
Cd	0.00	0.00
Cr	0.06	0.07
Cu	0.60	0.70
Pb	0.05	0.06
Hg	0.00	0.00
Mo	0.02	0.02
Ni	0.04	0.04
Se	0.00	0.00
Zn	1.07	1.25
PAN	90.86	106.31
P	350.03	409.53

East Bay MUD Application Summary - 2015

Field Code:	ME 3-9
Date:	2/1/2016
Total Acres:	28.1
Tax Assessors Parcel No.	043-70-041
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	103#/acre
Date Started:	3/31/2015
Seeding Date:	May-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	207.03
Dry Tons Applied For Current Year:	39.29
Wet Metric Tons Applied For Current Year:	187.94
Dry Metric Tons Applied For Current Year:	35.67
Wet Tons/Acre Applied For Current Year:	7.37
Dry Tons/Acre Applied For Current Year:	1.40
Wet Metric Tons/ha Applied For Current Year:	16.52
Dry Metric Tons/ha Applied For Current Year:	3.14

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	126.37	147.85
NH3	0.91	1.07
NO3	0.11	0.13
Organic N	125.35	146.66
As	0.00	0.00
Cd	0.00	0.00
Cr	0.08	0.09
Cu	0.84	0.99
Pb	0.07	0.08
Hg	0.00	0.00
Mo	0.02	0.02
Ni	0.04	0.05
Se	0.01	0.01
Zn	2.02	2.36
PAN	25.63	29.99
P	79.58	93.11

East Bay MUD Application Summary - 2015

Field Code:	ME 3-10
Date:	2/1/2016
Total Acres:	30.4
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	11#/acre
Date Started:	5/29/2015
Seeding Date:	July-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	528.26
Dry Tons Applied For Current Year:	114.00
Wet Metric Tons Applied For Current Year:	479.55
Dry Metric Tons Applied For Current Year:	103.49
Wet Tons/Acre Applied For Current Year:	17.38
Dry Tons/Acre Applied For Current Year:	3.75
Wet Metric Tons/ha Applied For Current Year:	38.97
Dry Metric Tons/ha Applied For Current Year:	8.41

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	319.84	374.21
NH3	21.19	24.79
NO3	0.57	0.67
Organic N	298.08	348.75
As	0.00	0.00
Cd	0.01	0.01
Cr	0.01	0.01
Cu	2.62	3.07
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.02	0.02
Se	0.07	0.08
Zn	5.56	6.50
PAN	70.78	82.82
P	213.43	249.71

East Bay MUD Application Summary - 2015

Field Code:	ME 3-11
Date:	2/1/2016
Total Acres:	119.2
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	69#/acre
Date Started:	4/21/2015
Seeding Date:	June-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	6122.77
Dry Tons Applied For Current Year:	1278.79
Wet Metric Tons Applied For Current Year:	5558.25
Dry Metric Tons Applied For Current Year:	1160.89
Wet Tons/Acre Applied For Current Year:	51.37
Dry Tons/Acre Applied For Current Year:	10.73
Wet Metric Tons/ha Applied For Current Year:	115.19
Dry Metric Tons/ha Applied For Current Year:	24.06

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	928.24	1086.04
NH3	47.61	55.70
NO3	1.44	1.69
Organic N	879.19	1028.65
As	0.00	0.00
Cd	0.02	0.03
Cr	0.16	0.19
Cu	7.25	8.49
Pb	0.13	0.15
Hg	0.00	0.00
Mo	0.04	0.05
Ni	0.12	0.14
Se	0.16	0.19
Zn	15.80	18.49
PAN	201.08	235.27
P	610.57	714.37

East Bay MUD Application Summary - 2015

Field Code:	ME 3-12
Date:	2/1/2016
Total Acres:	25
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	42#/acre
Date Started:	9/1/2015
Seeding Date:	October-15
Harvesting Date:	March-16

Wet Tons Applied For Current Year:	931.97
Dry Tons Applied For Current Year:	202.33
Wet Metric Tons Applied For Current Year:	846.04
Dry Metric Tons Applied For Current Year:	183.68
Wet Tons/Acre Applied For Current Year:	37.28
Dry Tons/Acre Applied For Current Year:	8.09
Wet Metric Tons/ha Applied For Current Year:	83.60
Dry Metric Tons/ha Applied For Current Year:	18.15

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	636.40	744.59
NH3	24.71	28.91
NO3	0.93	1.09
Organic N	610.76	714.59
As	0.03	0.03
Cd	0.02	0.02
Cr	0.41	0.48
Cu	4.48	5.24
Pb	0.34	0.40
Hg	0.00	0.01
Mo	0.14	0.16
Ni	0.22	0.26
Se	0.00	0.00
Zn	11.44	13.39
PAN	135.44	158.46
P	460.68	538.99

East Bay MUD Application Summary - 2015

Field Code:	ME 3-13E
Date:	2/1/2016
Total Acres:	20
Tax Assessors Parcel No.	043-100-014
Crop:	Double Forage Mix
Crop Nitrogen Usage:	500#/acre
Residual Nitrogen	71#/acre
Date Started:	6/17/2015
Seeding Date:	July-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1641.00
Dry Tons Applied For Current Year:	354.13
Wet Metric Tons Applied For Current Year:	1489.70
Dry Metric Tons Applied For Current Year:	321.48
Wet Tons/Acre Applied For Current Year:	82.05
Dry Tons/Acre Applied For Current Year:	17.71
Wet Metric Tons/ha Applied For Current Year:	184.00
Dry Metric Tons/ha Applied For Current Year:	39.71

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	1510.21	1766.95
NH3	100.05	117.06
NO3	2.71	3.17
Organic N	1407.45	1646.72
As	0.00	0.00
Cd	0.04	0.04
Cr	0.04	0.04
Cu	12.39	14.50
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.09	0.10
Se	0.32	0.37
Zn	26.25	30.71
PAN	334.23	391.05
P	1007.77	1179.09

East Bay MUD Application Summary - 2015

Field Code:	ME 3-14
Date:	2/1/2016
Total Acres:	91.1
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	71#/acre
Start Date:	6/17/2015
Seeding Date:	August-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	3864.29
Dry Tons Applied For Current Year:	829.67
Wet Metric Tons Applied For Current Year:	3508.00
Dry Metric Tons Applied For Current Year:	753.17
Wet Tons/Acre Applied For Current Year:	42.42
Dry Tons/Acre Applied For Current Year:	9.11
Wet Metric Tons/ha Applied For Current Year:	95.13
Dry Metric Tons/ha Applied For Current Year:	20.42

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	735.77	860.85
NH3	47.89	56.04
NO3	1.45	1.70
Organic N	686.43	803.12
As	0.00	0.00
Cd	0.01	0.02
Cr	0.04	0.05
Cu	4.59	5.37
Pb	0.03	0.03
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.05	0.06
Se	0.11	0.13
Zn	9.61	11.24
PAN	162.69	190.34
P	537.23	628.56

East Bay MUD Application Summary - 2015

Field Code:	ME 3-16
Date:	2/1/2016
Total Acres:	316.6
Tax Assessors Parcel No.	043-100-014, 042-100-017
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	119#/acre
Date Started:	9/1/2015
Seeding Date:	December-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	2063.87
Dry Tons Applied For Current Year:	448.07
Wet Metric Tons Applied For Current Year:	1873.58
Dry Metric Tons Applied For Current Year:	406.75
Wet Tons/Acre Applied For Current Year:	6.52
Dry Tons/Acre Applied For Current Year:	1.42
Wet Metric Tons/ha Applied For Current Year:	14.62
Dry Metric Tons/ha Applied For Current Year:	3.17

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	111.29	130.21
NH3	4.32	5.06
NO3	0.16	0.19
Organic N	106.80	124.96
As	0.00	0.01
Cd	0.00	0.00
Cr	0.07	0.08
Cu	0.78	0.92
Pb	0.06	0.07
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.04	0.05
Se	0.00	0.00
Zn	2.00	2.34
PAN	23.68	27.71
P	80.56	94.25

East Bay MUD Application Summary - 2015

Field Code:	ME 3-21
Date:	2/1/2016
Total Acres:	33.64
Tax Assessors Parcel No.	043-100-014
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	0#/acre
Date Started:	7/1/2015
Seeding Date:	August-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1055.26
Dry Tons Applied For Current Year:	224.24
Wet Metric Tons Applied For Current Year:	957.97
Dry Metric Tons Applied For Current Year:	203.57
Wet Tons/Acre Applied For Current Year:	31.37
Dry Tons/Acre Applied For Current Year:	6.67
Wet Metric Tons/ha Applied For Current Year:	70.35
Dry Metric Tons/ha Applied For Current Year:	14.95

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	478.09	559.36
NH3	29.78	34.85
NO3	1.15	1.35
Organic N	447.15	523.17
As	0.01	0.01
Cd	0.00	0.00
Cr	0.07	0.08
Cu	0.70	0.82
Pb	0.06	0.07
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.04	0.05
Se	0.00	0.00
Zn	1.24	1.46
PAN	105.47	123.40
P	421.84	493.55

East Bay MUD Application Summary - 2015

Field Code:	ME 3-22
Date:	2/1/2016
Total Acres:	28.68
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	0#/acre
Start Date	8/11/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	878.88
Dry Tons Applied For Current Year:	186.76
Wet Metric Tons Applied For Current Year:	797.85
Dry Metric Tons Applied For Current Year:	169.54
Wet Tons/Acre Applied For Current Year:	30.64
Dry Tons/Acre Applied For Current Year:	6.51
Wet Metric Tons/ha Applied For Current Year:	68.72
Dry Metric Tons/ha Applied For Current Year:	14.60

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	466.48	545.79
NH3	29.06	34.00
NO3	1.12	1.31
Organic N	436.30	510.47
As	0.01	0.01
Cd	0.00	0.00
Cr	0.07	0.08
Cu	0.68	0.80
Pb	0.06	0.07
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.04	0.05
Se	0.00	0.00
Zn	1.21	1.42
PAN	102.91	120.41
P	370.66	433.67

East Bay MUD Application Summary - 2015

Field Code:	ME 3-24
Date:	2/1/2016
Total Acres:	40.09
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	72#/acre
Field Start Date:	8/11/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1129.75
Dry Tons Applied For Current Year:	240.07
Wet Metric Tons Applied For Current Year:	1025.59
Dry Metric Tons Applied For Current Year:	217.94
Wet Tons/Acre Applied For Current Year:	28.18
Dry Tons/Acre Applied For Current Year:	5.99
Wet Metric Tons/ha Applied For Current Year:	63.20
Dry Metric Tons/ha Applied For Current Year:	13.43

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	428.98	501.90
NH3	26.72	31.27
NO3	1.03	1.21
Organic N	401.22	469.43
As	0.01	0.01
Cd	0.00	0.00
Cr	0.06	0.07
Cu	0.63	0.73
Pb	0.05	0.06
Hg	0.00	0.00
Mo	0.02	0.02
Ni	0.04	0.05
Se	0.00	0.00
Zn	1.12	1.31
PAN	94.64	110.73
P	340.85	398.80

East Bay MUD Application Summary - 2015

Field Code:	ME 3-25
Date:	2/1/2016
Total Acres:	16.16
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	7#/acre
Date Started	9/1/2015
Seeding Date:	October-15
Harvesting Date:	March-16

Wet Tons Applied For Current Year:	579.97
Dry Tons Applied For Current Year:	125.91
Wet Metric Tons Applied For Current Year:	526.50
Dry Metric Tons Applied For Current Year:	114.30
Wet Tons/Acre Applied For Current Year:	35.89
Dry Tons/Acre Applied For Current Year:	7.79
Wet Metric Tons/ha Applied For Current Year:	80.48
Dry Metric Tons/ha Applied For Current Year:	17.47

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	612.68	716.84
NH3	23.79	27.83
NO3	0.90	1.05
Organic N	588.00	687.96
As	0.03	0.03
Cd	0.02	0.02
Cr	0.39	0.46
Cu	4.31	5.05
Pb	0.33	0.38
Hg	0.00	0.01
Mo	0.13	0.15
Ni	0.21	0.25
Se	0.00	0.00
Zn	11.01	12.89
PAN	130.39	152.56
P	443.51	518.90

East Bay MUD Application Summary - 2015

Field Code:	ME 3-26
Date:	2/1/2016
Total Acres:	18.88
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	148#/acre
Date Started:	8/24/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	350.29
Dry Tons Applied For Current Year:	74.44
Wet Metric Tons Applied For Current Year:	317.99
Dry Metric Tons Applied For Current Year:	67.57
Wet Tons/Acre Applied For Current Year:	18.55
Dry Tons/Acre Applied For Current Year:	3.94
Wet Metric Tons/ha Applied For Current Year:	41.61
Dry Metric Tons/ha Applied For Current Year:	8.84

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	282.43	330.44
NH3	17.60	20.59
NO3	0.68	0.80
Organic N	264.16	309.06
As	0.00	0.00
Cd	0.00	0.00
Cr	0.04	0.05
Cu	0.41	0.48
Pb	0.03	0.04
Hg	0.00	0.00
Mo	0.01	0.02
Ni	0.03	0.03
Se	0.00	0.00
Zn	0.73	0.86
PAN	62.31	72.90
P	224.41	262.56

East Bay MUD Application Summary - 2015

Field Code:	ME 3-28
Date:	2/1/2016
Total Acres:	56.12
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	150#/acre
Date Started:	8/24/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	880.89
Dry Tons Applied For Current Year:	187.19
Wet Metric Tons Applied For Current Year:	799.67
Dry Metric Tons Applied For Current Year:	169.93
Wet Tons/Acre Applied For Current Year:	15.70
Dry Tons/Acre Applied For Current Year:	3.34
Wet Metric Tons/ha Applied For Current Year:	35.20
Dry Metric Tons/ha Applied For Current Year:	7.48

Source: East Bay MUD

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	238.94	279.56
NH3	14.89	17.42
NO3	0.57	0.67
Organic N	223.48	261.47
As	0.00	0.00
Cd	0.00	0.00
Cr	0.03	0.04
Cu	0.35	0.41
Pb	0.03	0.03
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.02	0.03
Se	0.00	0.00
Zn	0.62	0.73
PAN	52.71	61.68
P	189.86	222.13

Foster Farms

Foster Farms Application Summary - 2015

Field Code:	ME 3-3
Date:	2/1/2016
Total Acres:	131.4
Tax Assessors Parcel No.	042-220-008
Crop:	Corn+Forage Mix
Crop Nitrogen Usage:	475#/acre
Residual Nitrogen	28#/acre
Date Started:	1/1/2015
Seeding Date:	February-15
Harvesting Date:	July-15

Wet Tons Applied For Current Year:	7866.00
Dry Tons Applied For Current Year:	268.23
Wet Metric Tons Applied For Current Year:	7140.75
Dry Metric Tons Applied For Current Year:	243.50
Wet Tons/Acre Applied For Current Year:	59.86
Dry Tons/Acre Applied For Current Year:	2.04
Wet Metric Tons/ha Applied For Current Year:	134.25
Dry Metric Tons/ha Applied For Current Year:	4.58

Source: Foster Farms

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	17.34	20.29
NH3	1.60	1.88
NO3	0.10	0.11
Organic N	15.64	18.30
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	0.02	0.02
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.00	0.00
Zn	0.05	0.06
PAN	4.03	4.71
P	0.00	0.00

Foster Farms Application Summary - 2015

Field Code:	ME 3-4
Date:	2/1/2016
Total Acres:	47.1
Tax Assessors Parcel No.	042-220-008
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	109#/acre
Date Started:	9/24/2015
Seeding Date:	November-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1104.00
Dry Tons Applied For Current Year:	37.65
Wet Metric Tons Applied For Current Year:	1002.21
Dry Metric Tons Applied For Current Year:	34.18
Wet Tons/Acre Applied For Current Year:	23.44
Dry Tons/Acre Applied For Current Year:	0.80
Wet Metric Tons/ha Applied For Current Year:	52.57
Dry Metric Tons/ha Applied For Current Year:	1.79

Source: Foster Farms

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	6.79	7.94
NH3	0.63	0.73
NO3	0.04	0.04
Organic N	6.12	7.16
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	0.01	0.01
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.00	0.00
Zn	0.02	0.02
PAN	1.58	1.84
P	0.00	0.00

City of Hanford

Hanford Application Summary - 2015

Field Code:	ME 3-8
Date:	2/1/2016
Total Acres:	311
Tax Assessors Parcel No.	043-100-014, 043-070-41
Crop:	Corn
Crop Nitrogen Usage:	250
Residual Nitrogen	52#/acre
Date Started:	6/16/2015
Seeding Date:	January-16
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1317.24
Dry Tons Applied For Current Year:	1193.42
Wet Metric Tons Applied For Current Year:	1195.79
Dry Metric Tons Applied For Current Year:	1083.39
Wet Tons/Acre Applied For Current Year:	4.24
Dry Tons/Acre Applied For Current Year:	3.84
Wet Metric Tons/ha Applied For Current Year:	9.50
Dry Metric Tons/ha Applied For Current Year:	8.61

Source: Hanford

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	294.00	343.98
NH3	39.03	45.66
NO3	0.01	0.01
Organic N	254.96	298.31
As	0.07	0.08
Cd	0.01	0.01
Cr	0.15	0.18
Cu	2.76	3.22
Pb	0.13	0.15
Hg	0.01	0.01
Mo	0.09	0.10
Ni	0.13	0.15
Se	0.04	0.05
Zn	4.24	4.96
PAN	70.52	82.50
P	0.00	0.00

City of Livermore

Livermore Application Summary - 2015

Field Code:	ME 3-6
Date:	2/1/2016
Total Acres:	25.1
Tax Assessors Parcel No.	043-070-41
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	28#/acre
Date Started:	4/9/2015
Seeding Date:	May-15
Harvesting Date:	September-15

Wet Tons Applied For Current Year:	300.99
Dry Tons Applied For Current Year:	52.58
Wet Metric Tons Applied For Current Year:	273.24
Dry Metric Tons Applied For Current Year:	47.73
Wet Tons/Acre Applied For Current Year:	11.99
Dry Tons/Acre Applied For Current Year:	2.09
Wet Metric Tons/ha Applied For Current Year:	26.89
Dry Metric Tons/ha Applied For Current Year:	4.70

Source: Livermore

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	241.10	282.08
NH3	1.85	2.16
NO3	0.10	0.12
Organic N	239.15	279.81
As	0.00	0.00
Cd	0.00	0.01
Cr	0.07	0.08
Cu	1.70	1.99
Pb	0.04	0.05
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.04	0.05
Se	0.02	0.02
Zn	4.58	5.36
PAN	48.85	57.16
P	99.19	116.05

Livermore Application Summary - 2015

Field Code:	ME 3-9
Date:	2/1/2016
Total Acres:	28.1
Tax Assessors Parcel No.	043-70-041
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	103#/acre
Date Started:	3/31/2015
Seeding Date:	May-15
Harvesting Date:	August-15

Wet Tons Applied For Current Year:	147.12
Dry Tons Applied For Current Year:	25.70
Wet Metric Tons Applied For Current Year:	133.56
Dry Metric Tons Applied For Current Year:	23.33
Wet Tons/Acre Applied For Current Year:	5.24
Dry Tons/Acre Applied For Current Year:	0.91
Wet Metric Tons/ha Applied For Current Year:	11.74
Dry Metric Tons/ha Applied For Current Year:	2.05

Source: Livermore

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	105.26	123.16
NH3	0.81	0.94
NO3	0.04	0.05
Organic N	104.41	122.16
As	0.00	0.00
Cd	0.00	0.00
Cr	0.03	0.04
Cu	0.74	0.87
Pb	0.02	0.02
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.02	0.02
Se	0.01	0.01
Zn	2.00	2.34
PAN	21.33	24.96
P	43.31	50.67

Livermore Application Summary - 2015

Field Code:	ME 3-10
Date:	2/1/2016
Total Acres:	30.4
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	11#/acre
Date Started:	5/29/2015
Seeding Date:	July-15
Harvesting Date:	December-15

Wet Tons Applied For Current Year:	365.34
Dry Tons Applied For Current Year:	59.59
Wet Metric Tons Applied For Current Year:	331.66
Dry Metric Tons Applied For Current Year:	54.09
Wet Tons/Acre Applied For Current Year:	12.02
Dry Tons/Acre Applied For Current Year:	1.96
Wet Metric Tons/ha Applied For Current Year:	26.95
Dry Metric Tons/ha Applied For Current Year:	4.40

Source: Livermore

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	220.94	258.50
NH3	17.72	20.73
NO3	0.11	0.13
Organic N	203.11	237.64
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	1.49	1.74
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.01	0.01
Se	0.05	0.05
Zn	4.15	4.85
PAN	49.59	58.03
P	92.81	108.59

Livermore Application Summary - 2015

Field Code:	ME 3-11
Date:	2/1/2016
Total Acres:	119.2
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	69#/acre
Date Started:	4/21/2015
Seeding Date:	June-15
Harvesting Date:	October-15

Wet Tons Applied For Current Year:	906.89
Dry Tons Applied For Current Year:	150.29
Wet Metric Tons Applied For Current Year:	823.27
Dry Metric Tons Applied For Current Year:	136.43
Wet Tons/Acre Applied For Current Year:	7.61
Dry Tons/Acre Applied For Current Year:	1.26
Wet Metric Tons/ha Applied For Current Year:	17.06
Dry Metric Tons/ha Applied For Current Year:	2.83

Source: Livermore

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	142.83	167.11
NH3	8.95	10.47
NO3	0.07	0.08
Organic N	133.81	156.56
As	0.00	0.00
Cd	0.00	0.00
Cr	0.01	0.01
Cu	0.97	1.14
Pb	0.01	0.01
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.01	0.01
Se	0.03	0.03
Zn	2.69	3.15
PAN	31.31	36.63
P	59.70	69.85

Livermore Application Summary - 2015

Field Code:	ME 3-14
Date:	2/1/2016
Total Acres:	91.1
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	71#/acre
Start Date:	6/17/2015
Seeding Date:	August-15
Harvesting Date:	January-16

Wet Tons Applied For Current Year:	339.20
Dry Tons Applied For Current Year:	55.32
Wet Metric Tons Applied For Current Year:	307.93
Dry Metric Tons Applied For Current Year:	50.22
Wet Tons/Acre Applied For Current Year:	3.72
Dry Tons/Acre Applied For Current Year:	0.61
Wet Metric Tons/ha Applied For Current Year:	8.35
Dry Metric Tons/ha Applied For Current Year:	1.36

Source: Livermore

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	68.45	80.09
NH3	5.49	6.42
NO3	0.03	0.04
Organic N	62.93	73.63
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	0.46	0.54
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.01	0.02
Zn	1.29	1.50
PAN	15.37	17.98
P	28.76	33.64

City of Patterson

Patterson Application Summary - 2015

Field Code:	ME 3-8
Date:	2/1/2016
Total Acres:	311
Tax Assessors Parcel No.	043-100-014, 043-070-41
Crop:	Corn
Crop Nitrogen Usage:	250
Residual Nitrogen	52#/acre
Date Started:	6/16/2015
Seeding Date:	January-16
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	508.41
Dry Tons Applied For Current Year:	93.80
Wet Metric Tons Applied For Current Year:	461.53
Dry Metric Tons Applied For Current Year:	85.15
Wet Tons/Acre Applied For Current Year:	1.63
Dry Tons/Acre Applied For Current Year:	0.30
Wet Metric Tons/ha Applied For Current Year:	3.67
Dry Metric Tons/ha Applied For Current Year:	0.68

Source: Patterson

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	32.98	38.58
NH3	2.17	2.53
NO3	0.02	0.02
Organic N	30.79	36.03
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	0.16	0.18
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.01	0.02
Zn	0.50	0.59
PAN	7.26	8.49
P	0.00	0.00

Patterson Application Summary - 2015

Field Code:	ME 3-11
Date:	2/1/2016
Total Acres:	119.2
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	69#/acre
Date Started:	4/21/2015
Seeding Date:	June-15
Harvesting Date:	October-15

Wet Tons Applied For Current Year:	782.07
Dry Tons Applied For Current Year:	144.29
Wet Metric Tons Applied For Current Year:	709.96
Dry Metric Tons Applied For Current Year:	130.99
Wet Tons/Acre Applied For Current Year:	6.56
Dry Tons/Acre Applied For Current Year:	1.21
Wet Metric Tons/ha Applied For Current Year:	14.71
Dry Metric Tons/ha Applied For Current Year:	2.71

Source: Patterson

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	132.34	154.84
NH3	8.69	10.17
NO3	0.07	0.08
Organic N	123.58	144.59
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	0.62	0.73
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.06	0.07
Zn	2.02	2.36
PAN	29.13	34.09
P	0.00	0.00

City of Santa Cruz

Santa Cruz Application Summary - 2015

Field Code:	ME 1-T3
Date:	2/1/2016
Total Acres:	92.5
Tax Assessors Parcel No.	74-17-4
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen:	164#/acre
Date Started:	9/24/2015
Seeding Date:	November-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	356.70
Dry Tons Applied For Current Year:	78.55
Wet Metric Tons Applied For Current Year:	323.81
Dry Metric Tons Applied For Current Year:	71.30
Wet Tons/Acre Applied For Current Year:	3.86
Dry Tons/Acre Applied For Current Year:	0.85
Wet Metric Tons/ha Applied For Current Year:	8.65
Dry Metric Tons/ha Applied For Current Year:	1.90

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	74.78	87.49
NH3	1.38	1.62
NO3	0.04	0.05
Organic N	73.35	85.82
As	0.01	0.01
Cd	0.00	0.00
Cr	0.03	0.03
Cu	0.81	0.94
Pb	0.02	0.03
Hg	0.00	0.00
Mo	0.01	0.02
Ni	0.02	0.02
Se	0.00	0.00
Zn	2.12	2.48
PAN	15.40	18.02
P	49.32	57.71

Santa Cruz Application Summary - 2015

Field Code:	ME 3-1
Date:	2/1/2016
Total Acres:	10.7
Tax Assessors Parcel No.	042-230-54
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	13#/acre
Date Started:	10/6/2015
Seeding Date:	November-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	760.80
Dry Tons Applied For Current Year:	167.53
Wet Metric Tons Applied For Current Year:	690.65
Dry Metric Tons Applied For Current Year:	152.08
Wet Tons/Acre Applied For Current Year:	71.10
Dry Tons/Acre Applied For Current Year:	15.66
Wet Metric Tons/ha Applied For Current Year:	159.45
Dry Metric Tons/ha Applied For Current Year:	35.11

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	1378.74	1613.12
NH3	25.49	29.82
NO3	0.75	0.88
Organic N	1352.50	1582.42
As	0.14	0.17
Cd	0.06	0.07
Cr	0.52	0.61
Cu	14.87	17.40
Pb	0.40	0.46
Hg	0.01	0.01
Mo	0.24	0.28
Ni	0.31	0.36
Se	0.00	0.00
Zn	39.11	45.75
PAN	283.99	332.27
P	909.47	1064.07

Santa Cruz Application Summary - 2015

Field Code:	ME 3-2
Date:	2/1/2016
Total Acres:	23.1
Tax Assessors Parcel No.	042-230-54
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	24#/acre
Date Started:	10/6/2015
Seeding Date:	December-15
Harvesting Date:	May-16

Wet Tons Applied For Current Year:	290.57
Dry Tons Applied For Current Year:	63.98
Wet Metric Tons Applied For Current Year:	263.78
Dry Metric Tons Applied For Current Year:	58.08
Wet Tons/Acre Applied For Current Year:	12.58
Dry Tons/Acre Applied For Current Year:	2.77
Wet Metric Tons/ha Applied For Current Year:	28.21
Dry Metric Tons/ha Applied For Current Year:	6.21

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	243.91	285.38
NH3	4.51	5.28
NO3	0.13	0.16
Organic N	239.27	279.95
As	0.03	0.03
Cd	0.01	0.01
Cr	0.09	0.11
Cu	2.63	3.08
Pb	0.07	0.08
Hg	0.00	0.00
Mo	0.04	0.05
Ni	0.06	0.06
Se	0.00	0.00
Zn	6.92	8.09
PAN	50.24	58.78
P	160.89	188.24

Santa Cruz Application Summary - 2015

Field Code:	ME 3-3
Date:	2/1/2016
Total Acres:	131.4
Tax Assessors Parcel No.	042-220-008, 042-230-54
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	28#/acre
Date Started:	10/1/2015
Seeding Date:	December-15
Harvesting Date:	May-16

Wet Tons Applied For Current Year:	356.60
Dry Tons Applied For Current Year:	78.52
Wet Metric Tons Applied For Current Year:	323.72
Dry Metric Tons Applied For Current Year:	71.28
Wet Tons/Acre Applied For Current Year:	2.71
Dry Tons/Acre Applied For Current Year:	0.60
Wet Metric Tons/ha Applied For Current Year:	6.09
Dry Metric Tons/ha Applied For Current Year:	1.34

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	52.62	61.57
NH3	0.97	1.14
NO3	0.03	0.03
Organic N	51.62	60.40
As	0.01	0.01
Cd	0.00	0.00
Cr	0.02	0.02
Cu	0.57	0.66
Pb	0.02	0.02
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.01	0.01
Se	0.00	0.00
Zn	1.49	1.75
PAN	10.84	12.68
P	34.71	40.61

Santa Cruz Application Summary - 2015

Field Code:	ME 3-6
Date:	2/1/2016
Total Acres:	25.1
Tax Assessors Parcel No.	043-070-41
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	28#/acre
Date Started:	4/9/2015
Seeding Date:	May-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	278.62
Dry Tons Applied For Current Year:	62.36
Wet Metric Tons Applied For Current Year:	252.93
Dry Metric Tons Applied For Current Year:	56.61
Wet Tons/Acre Applied For Current Year:	11.10
Dry Tons/Acre Applied For Current Year:	2.48
Wet Metric Tons/ha Applied For Current Year:	24.89
Dry Metric Tons/ha Applied For Current Year:	5.57

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	234.06	273.85
NH3	2.66	3.12
NO3	0.14	0.17
Organic N	231.25	270.57
As	0.02	0.02
Cd	0.01	0.01
Cr	0.09	0.10
Cu	2.96	3.47
Pb	0.06	0.07
Hg	0.00	0.00
Mo	0.03	0.04
Ni	0.05	0.06
Se	0.03	0.03
Zn	6.05	7.08
PAN	47.73	55.84
P	144.27	168.80

Santa Cruz Application Summary - 2015

Field Code:	ME 3-7
Date:	2/1/2016
Total Acres:	138.1
Tax Assessors Parcel No.	043-070-41, 043-100-014
Crop:	Forage Mix
Crop Nitrogen Usage:	225#/acre
Residual Nitrogen	0#/acre
Date Started:	7/16/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	271.59
Dry Tons Applied For Current Year:	59.18
Wet Metric Tons Applied For Current Year:	246.55
Dry Metric Tons Applied For Current Year:	53.72
Wet Tons/Acre Applied For Current Year:	1.97
Dry Tons/Acre Applied For Current Year:	0.43
Wet Metric Tons/ha Applied For Current Year:	4.41
Dry Metric Tons/ha Applied For Current Year:	0.96

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	34.93	40.87
NH3	1.29	1.51
NO3	0.02	0.02
Organic N	33.62	39.33
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.01
Cu	0.10	0.12
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.00	0.00
Zn	0.18	0.21
PAN	7.39	8.65
P	24.91	29.14

Santa Cruz Application Summary - 2015

Field Code:	ME 3-9
Date:	2/1/2016
Total Acres:	28.1
Tax Assessors Parcel No.	043-70-041
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	103#/acre
Date Started:	3/31/2015
Seeding Date:	May-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	270.52
Dry Tons Applied For Current Year:	60.54
Wet Metric Tons Applied For Current Year:	245.58
Dry Metric Tons Applied For Current Year:	54.96
Wet Tons/Acre Applied For Current Year:	9.63
Dry Tons/Acre Applied For Current Year:	2.15
Wet Metric Tons/ha Applied For Current Year:	21.59
Dry Metric Tons/ha Applied For Current Year:	4.83

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	203.00	237.50
NH3	2.31	2.70
NO3	0.12	0.14
Organic N	200.56	234.66
As	0.01	0.02
Cd	0.01	0.01
Cr	0.07	0.09
Cu	2.57	3.01
Pb	0.05	0.06
Hg	0.00	0.00
Mo	0.03	0.03
Ni	0.05	0.05
Se	0.02	0.03
Zn	5.25	6.14
PAN	41.39	48.43
P	125.12	146.39

Santa Cruz Application Summary - 2015

Field Code:	ME 3-10
Date:	2/1/2016
Total Acres:	30.4
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	11#/acre
Date Started:	5/29/2015
Seeding Date:	July-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	443.34
Dry Tons Applied For Current Year:	99.93
Wet Metric Tons Applied For Current Year:	402.46
Dry Metric Tons Applied For Current Year:	90.72
Wet Tons/Acre Applied For Current Year:	14.58
Dry Tons/Acre Applied For Current Year:	3.29
Wet Metric Tons/ha Applied For Current Year:	32.70
Dry Metric Tons/ha Applied For Current Year:	7.37

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	281.06	328.84
NH3	4.22	4.94
NO3	0.44	0.52
Organic N	276.40	323.39
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	3.70	4.33
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.01	0.01
Se	0.04	0.05
Zn	8.01	9.38
PAN	57.83	67.66
P	190.91	223.37

Santa Cruz Application Summary - 2015

Field Code:	ME 3-11
Date:	2/1/2016
Total Acres:	119.2
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	69#/acre
Date Started:	4/21/2015
Seeding Date:	June-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	943.21
Dry Tons Applied For Current Year:	212.33
Wet Metric Tons Applied For Current Year:	856.25
Dry Metric Tons Applied For Current Year:	192.75
Wet Tons/Acre Applied For Current Year:	7.91
Dry Tons/Acre Applied For Current Year:	1.78
Wet Metric Tons/ha Applied For Current Year:	17.75
Dry Metric Tons/ha Applied For Current Year:	3.99

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	155.10	181.47
NH3	2.22	2.60
NO3	0.21	0.25
Organic N	152.67	178.62
As	0.00	0.00
Cd	0.00	0.00
Cr	0.01	0.01
Cu	2.03	2.37
Pb	0.01	0.01
Hg	0.00	0.00
Mo	0.00	0.01
Ni	0.01	0.01
Se	0.02	0.03
Zn	4.34	5.08
PAN	31.86	37.27
P	103.45	121.03

Santa Cruz Application Summary - 2015

Field Code:	ME 3-12
Date:	2/1/2016
Total Acres:	25
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	42#/acre
Date Started:	9/1/2015
Seeding Date:	October-15
Harvesting Date:	March-16

Wet Tons Applied For Current Year:	293.51
Dry Tons Applied For Current Year:	64.63
Wet Metric Tons Applied For Current Year:	266.45
Dry Metric Tons Applied For Current Year:	58.67
Wet Tons/Acre Applied For Current Year:	11.74
Dry Tons/Acre Applied For Current Year:	2.59
Wet Metric Tons/ha Applied For Current Year:	26.33
Dry Metric Tons/ha Applied For Current Year:	5.80

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	227.66	266.36
NH3	4.21	4.92
NO3	0.12	0.14
Organic N	223.32	261.29
As	0.02	0.03
Cd	0.01	0.01
Cr	0.09	0.10
Cu	2.46	2.87
Pb	0.07	0.08
Hg	0.00	0.00
Mo	0.04	0.05
Ni	0.05	0.06
Se	0.00	0.00
Zn	6.46	7.55
PAN	46.89	54.86
P	150.16	175.69

Santa Cruz Application Summary - 2015

Field Code:	ME 3-14
Date:	2/1/2016
Total Acres:	91.1
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	71#/acre
Start Date:	6/17/2015
Seeding Date:	August-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1350.66
Dry Tons Applied For Current Year:	297.65
Wet Metric Tons Applied For Current Year:	1226.13
Dry Metric Tons Applied For Current Year:	270.20
Wet Tons/Acre Applied For Current Year:	14.83
Dry Tons/Acre Applied For Current Year:	3.27
Wet Metric Tons/ha Applied For Current Year:	33.25
Dry Metric Tons/ha Applied For Current Year:	7.33

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	270.58	316.58
NH3	7.93	9.28
NO3	0.25	0.29
Organic N	262.40	307.01
As	0.00	0.00
Cd	0.00	0.00
Cr	0.02	0.03
Cu	1.74	2.03
Pb	0.01	0.02
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.01	0.02
Se	0.01	0.02
Zn	3.60	4.21
PAN	56.70	66.33
P	201.28	235.50

Santa Cruz Application Summary - 2015

Field Code:	ME 3-22
Date:	2/1/2016
Total Acres:	28.68
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	0#/acre
Start Date	8/11/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	319.88
Dry Tons Applied For Current Year:	69.70
Wet Metric Tons Applied For Current Year:	290.39
Dry Metric Tons Applied For Current Year:	63.28
Wet Tons/Acre Applied For Current Year:	11.15
Dry Tons/Acre Applied For Current Year:	2.43
Wet Metric Tons/ha Applied For Current Year:	25.01
Dry Metric Tons/ha Applied For Current Year:	5.45

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	197.95	231.61
NH3	7.31	8.55
NO3	0.12	0.14
Organic N	190.53	222.92
As	0.00	0.00
Cd	0.00	0.00
Cr	0.02	0.03
Cu	0.56	0.65
Pb	0.02	0.02
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.01	0.02
Se	0.00	0.00
Zn	1.03	1.20
PAN	41.88	49.00
P	141.16	165.16

Santa Cruz Application Summary - 2015

Field Code:	ME 3-25
Date:	2/1/2016
Total Acres:	16.16
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	7#/acre
Date Started	9/1/2015
Seeding Date:	October-15
Harvesting Date:	March-16

Wet Tons Applied For Current Year:	218.18
Dry Tons Applied For Current Year:	48.04
Wet Metric Tons Applied For Current Year:	198.06
Dry Metric Tons Applied For Current Year:	43.61
Wet Tons/Acre Applied For Current Year:	13.50
Dry Tons/Acre Applied For Current Year:	2.97
Wet Metric Tons/ha Applied For Current Year:	30.28
Dry Metric Tons/ha Applied For Current Year:	6.67

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	261.80	306.31
NH3	4.84	5.66
NO3	0.14	0.17
Organic N	256.82	300.48
As	0.03	0.03
Cd	0.01	0.01
Cr	0.10	0.12
Cu	2.82	3.30
Pb	0.08	0.09
Hg	0.00	0.00
Mo	0.05	0.05
Ni	0.06	0.07
Se	0.00	0.00
Zn	7.43	8.69
PAN	53.93	63.09
P	172.68	202.04

Santa Cruz Application Summary - 2015

Field Code:	ME 3-28
Date:	2/1/2016
Total Acres:	56.12
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	150#/acre
Date Started:	8/24/2015
Seeding Date:	September-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	244.88
Dry Tons Applied For Current Year:	53.36
Wet Metric Tons Applied For Current Year:	222.30
Dry Metric Tons Applied For Current Year:	48.44
Wet Tons/Acre Applied For Current Year:	4.36
Dry Tons/Acre Applied For Current Year:	0.95
Wet Metric Tons/ha Applied For Current Year:	9.79
Dry Metric Tons/ha Applied For Current Year:	2.13

Source: Santa Cruz

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	77.44	90.61
NH3	2.86	3.35
NO3	0.05	0.05
Organic N	74.54	87.21
As	0.00	0.00
Cd	0.00	0.00
Cr	0.01	0.01
Cu	0.22	0.26
Pb	0.01	0.01
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.01	0.01
Se	0.00	0.00
Zn	0.40	0.47
PAN	16.38	19.17
P	55.22	64.61

City of Turlock

Turlock Application Summary - 2015

Field Code:	ME 3-3
Date:	2/1/2016
Total Acres:	131.4
Tax Assessors Parcel No.	042-220-008
Crop:	Corn+Forage Mix
Crop Nitrogen Usage:	475#/acre
Residual Nitrogen	28#/acre
Date Started:	1/1/2015
Seeding Date:	February-15
Harvesting Date:	July-15

Wet Tons Applied For Current Year:	2336.40
Dry Tons Applied For Current Year:	544.85
Wet Metric Tons Applied For Current Year:	2120.98
Dry Metric Tons Applied For Current Year:	494.61
Wet Tons/Acre Applied For Current Year:	17.78
Dry Tons/Acre Applied For Current Year:	4.15
Wet Metric Tons/ha Applied For Current Year:	39.88
Dry Metric Tons/ha Applied For Current Year:	9.30

Source: Turlock

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	124.69	145.89
NH3	2.10	2.45
NO3	13.03	15.24
Organic N	109.57	128.20
As	0.18	0.21
Cd	0.00	0.00
Cr	0.29	0.33
Cu	0.30	0.35
Pb	0.02	0.02
Hg	0.00	0.00
Mo	0.02	0.02
Ni	0.04	0.05
Se	0.00	0.00
Zn	3.34	3.90
PAN	35.99	42.11
P	208.08	243.46

Turlock Application Summary - 2015

Field Code:	ME 3-8
Date:	2/1/2016
Total Acres:	311
Tax Assessors Parcel No.	043-100-014, 043-070-41
Crop:	Corn
Crop Nitrogen Usage:	250
Residual Nitrogen	52#/acre
Date Started:	6/16/2015
Seeding Date:	January-16
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1979.51
Dry Tons Applied For Current Year:	461.62
Wet Metric Tons Applied For Current Year:	1797.00
Dry Metric Tons Applied For Current Year:	419.06
Wet Tons/Acre Applied For Current Year:	6.36
Dry Tons/Acre Applied For Current Year:	1.48
Wet Metric Tons/ha Applied For Current Year:	14.27
Dry Metric Tons/ha Applied For Current Year:	3.33

Source: Turlock

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	44.64	52.22
NH3	0.75	0.88
NO3	4.66	5.46
Organic N	39.22	45.89
As	0.07	0.08
Cd	0.00	0.00
Cr	0.10	0.12
Cu	0.11	0.13
Pb	0.01	0.01
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.01	0.02
Se	0.00	0.00
Zn	1.19	1.40
PAN	12.88	15.07
P	74.49	87.15

City of Visalia

Visalia Application Summary - 2015

Field Code:	ME 1-T3
Date:	2/1/2016
Total Acres:	92.5
Tax Assessors Parcel No.	74-17-4
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen:	164#/acre
Date Started:	9/24/2015
Seeding Date:	November-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	459.32
Dry Tons Applied For Current Year:	80.61
Wet Metric Tons Applied For Current Year:	416.97
Dry Metric Tons Applied For Current Year:	73.18
Wet Tons/Acre Applied For Current Year:	4.97
Dry Tons/Acre Applied For Current Year:	0.87
Wet Metric Tons/ha Applied For Current Year:	11.14
Dry Metric Tons/ha Applied For Current Year:	1.95

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	91.01	106.48
NH3	1.50	1.76
NO3	0.04	0.05
Organic N	0.00	0.00
As	0.01	0.01
Cd	0.00	0.00
Cr	0.05	0.06
Cu	0.41	0.47
Pb	0.05	0.06
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.02	0.03
Se	0.00	0.00
Zn	2.13	2.49
PAN	0.00	0.00
P	75.28	88.08

Visalia Application Summary - 2015

Field Code:	ME 3-2
Date:	2/1/2016
Total Acres:	23.1
Tax Assessors Parcel No.	042-230-54
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	24#/acre
Date Started:	10/6/2015
Seeding Date:	December-15
Harvesting Date:	May-16

Wet Tons Applied For Current Year:	873.73
Dry Tons Applied For Current Year:	153.34
Wet Metric Tons Applied For Current Year:	793.17
Dry Metric Tons Applied For Current Year:	139.20
Wet Tons/Acre Applied For Current Year:	37.82
Dry Tons/Acre Applied For Current Year:	6.64
Wet Metric Tons/ha Applied For Current Year:	84.82
Dry Metric Tons/ha Applied For Current Year:	14.89

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	693.26	811.11
NH3	11.44	13.39
NO3	0.32	0.37
Organic N	0.00	0.00
As	0.04	0.04
Cd	0.02	0.02
Cr	0.36	0.43
Cu	3.09	3.61
Pb	0.40	0.47
Hg	0.01	0.02
Mo	0.19	0.22
Ni	0.16	0.19
Se	0.03	0.04
Zn	16.24	19.00
PAN	0.00	0.00
P	573.42	670.90

Visalia Application Summary - 2015

Field Code:	ME 3-6
Date:	2/1/2016
Total Acres:	25.1
Tax Assessors Parcel No.	043-070-41
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	28#/acre
Date Started:	4/9/2015
Seeding Date:	May-15
Harvesting Date:	September-15

Wet Tons Applied For Current Year:	373.45
Dry Tons Applied For Current Year:	52.10
Wet Metric Tons Applied For Current Year:	339.02
Dry Metric Tons Applied For Current Year:	47.29
Wet Tons/Acre Applied For Current Year:	14.88
Dry Tons/Acre Applied For Current Year:	2.08
Wet Metric Tons/ha Applied For Current Year:	33.37
Dry Metric Tons/ha Applied For Current Year:	4.65

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	224.93	263.17
NH3	0.99	1.16
NO3	0.12	0.14
Organic N	223.82	261.87
As	0.00	0.00
Cd	0.00	0.01
Cr	0.09	0.11
Cu	0.94	1.10
Pb	0.13	0.16
Hg	0.00	0.00
Mo	0.04	0.04
Ni	0.05	0.06
Se	0.02	0.02
Zn	4.33	5.07
PAN	45.38	53.09
P	0.00	0.00

Visalia Application Summary - 2015

Field Code:	ME 3-7
Date:	2/1/2016
Total Acres:	138.1
Tax Assessors Parcel No.	043-070-41, 043-100-014
Crop:	Forage Mix
Crop Nitrogen Usage:	225#/acre
Residual Nitrogen	0#/acre
Date Started:	7/16/2015
Seeding Date:	September-15
Harvesting Date:	December-15

Wet Tons Applied For Current Year:	987.27
Dry Tons Applied For Current Year:	141.18
Wet Metric Tons Applied For Current Year:	896.24
Dry Metric Tons Applied For Current Year:	128.16
Wet Tons/Acre Applied For Current Year:	7.15
Dry Tons/Acre Applied For Current Year:	1.02
Wet Metric Tons/ha Applied For Current Year:	16.03
Dry Metric Tons/ha Applied For Current Year:	2.29

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	109.19	127.76
NH3	2.18	2.54
NO3	0.05	0.06
Organic N	106.97	125.15
As	0.00	0.00
Cd	0.00	0.00
Cr	0.01	0.01
Cu	0.07	0.09
Pb	0.01	0.01
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.00	0.00
Zn	0.26	0.30
PAN	22.53	26.36
P	88.37	103.40

Visalia Application Summary - 2015

Field Code:	ME 3-9
Date:	2/1/2016
Total Acres:	28.1
Tax Assessors Parcel No.	043-70-041
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	103#/acre
Date Started:	3/31/2015
Seeding Date:	May-15
Harvesting Date:	August-15

Wet Tons Applied For Current Year:	244.24
Dry Tons Applied For Current Year:	34.07
Wet Metric Tons Applied For Current Year:	221.72
Dry Metric Tons Applied For Current Year:	30.93
Wet Tons/Acre Applied For Current Year:	8.69
Dry Tons/Acre Applied For Current Year:	1.21
Wet Metric Tons/ha Applied For Current Year:	19.49
Dry Metric Tons/ha Applied For Current Year:	2.72

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	131.40	153.74
NH3	0.58	0.68
NO3	0.07	0.08
Organic N	130.75	152.98
As	0.00	0.00
Cd	0.00	0.00
Cr	0.06	0.06
Cu	0.55	0.64
Pb	0.08	0.09
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.03	0.03
Se	0.01	0.01
Zn	2.53	2.96
PAN	26.51	31.02
P	0.00	0.00

Visalia Application Summary - 2015

Field Code:	ME 3-10
Date:	2/1/2016
Total Acres:	30.4
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	11#/acre
Date Started:	5/29/2015
Seeding Date:	July-15
Harvesting Date:	December-15

Wet Tons Applied For Current Year:	548.74
Dry Tons Applied For Current Year:	74.63
Wet Metric Tons Applied For Current Year:	498.15
Dry Metric Tons Applied For Current Year:	67.75
Wet Tons/Acre Applied For Current Year:	18.05
Dry Tons/Acre Applied For Current Year:	2.45
Wet Metric Tons/ha Applied For Current Year:	40.48
Dry Metric Tons/ha Applied For Current Year:	5.51

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	274.51	321.17
NH3	9.64	11.28
NO3	0.14	0.17
Organic N	264.73	309.73
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	1.34	1.56
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.04	0.05
Zn	5.47	6.40
PAN	57.91	67.75
P	0.00	0.00

Visalia Application Summary - 2015

Field Code:	ME 3-11
Date:	2/1/2016
Total Acres:	119.2
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	69#/acre
Date Started:	4/21/2015
Seeding Date:	June-15
Harvesting Date:	October-15

Wet Tons Applied For Current Year:	1248.93
Dry Tons Applied For Current Year:	170.97
Wet Metric Tons Applied For Current Year:	1133.78
Dry Metric Tons Applied For Current Year:	155.20
Wet Tons/Acre Applied For Current Year:	10.48
Dry Tons/Acre Applied For Current Year:	1.43
Wet Metric Tons/ha Applied For Current Year:	23.50
Dry Metric Tons/ha Applied For Current Year:	3.22

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	159.10	186.15
NH3	4.35	5.09
NO3	0.08	0.10
Organic N	154.67	180.96
As	0.00	0.00
Cd	0.00	0.00
Cr	0.02	0.02
Cu	0.75	0.87
Pb	0.02	0.03
Hg	0.00	0.00
Mo	0.01	0.01
Ni	0.01	0.01
Se	0.02	0.03
Zn	3.14	3.68
PAN	33.19	38.83
P	0.00	0.00

Visalia Application Summary - 2015

Field Code:	ME 3-12
Date:	2/1/2016
Total Acres:	25
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	42#/acre
Date Started:	9/1/2015
Seeding Date:	October-15
Harvesting Date:	March-16

Wet Tons Applied For Current Year:	519.53
Dry Tons Applied For Current Year:	91.18
Wet Metric Tons Applied For Current Year:	471.63
Dry Metric Tons Applied For Current Year:	82.77
Wet Tons/Acre Applied For Current Year:	20.78
Dry Tons/Acre Applied For Current Year:	3.65
Wet Metric Tons/ha Applied For Current Year:	46.60
Dry Metric Tons/ha Applied For Current Year:	8.18

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	380.89	445.64
NH3	6.29	7.36
NO3	0.17	0.20
Organic N	374.43	438.08
As	0.02	0.02
Cd	0.01	0.01
Cr	0.20	0.23
Cu	1.70	1.99
Pb	0.22	0.26
Hg	0.01	0.01
Mo	0.10	0.12
Ni	0.09	0.11
Se	0.02	0.02
Zn	8.92	10.44
PAN	78.20	91.50
P	315.05	368.61

Visalia Application Summary - 2015

Field Code:	ME 3-14
Date:	2/1/2016
Total Acres:	91.1
Tax Assessors Parcel No.	043-100-014
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	71#/acre
Start Date:	6/17/2015
Seeding Date:	August-15
Harvesting Date:	January-16

Wet Tons Applied For Current Year:	781.83
Dry Tons Applied For Current Year:	109.78
Wet Metric Tons Applied For Current Year:	709.75
Dry Metric Tons Applied For Current Year:	99.66
Wet Tons/Acre Applied For Current Year:	8.58
Dry Tons/Acre Applied For Current Year:	1.21
Wet Metric Tons/ha Applied For Current Year:	19.25
Dry Metric Tons/ha Applied For Current Year:	2.70

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	130.81	153.05
NH3	3.34	3.91
NO3	0.06	0.07
Organic N	127.41	149.07
As	0.00	0.00
Cd	0.00	0.00
Cr	0.01	0.01
Cu	0.29	0.34
Pb	0.01	0.01
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.01	0.01
Zn	1.16	1.35
PAN	27.21	31.84
P	66.88	78.25

Visalia Application Summary - 2015

Field Code:	ME 3-24
Date:	2/1/2016
Total Acres:	40.09
Tax Assessors Parcel No.	043-100-017
Crop:	Forage Mix
Crop Nitrogen Usage:	250#/acre
Residual Nitrogen	72#/acre
Field Start Date:	8/11/2015
Seeding Date:	September-15
Harvesting Date:	December-15

Wet Tons Applied For Current Year:	107.99
Dry Tons Applied For Current Year:	15.44
Wet Metric Tons Applied For Current Year:	98.03
Dry Metric Tons Applied For Current Year:	14.02
Wet Tons/Acre Applied For Current Year:	2.69
Dry Tons/Acre Applied For Current Year:	0.39
Wet Metric Tons/ha Applied For Current Year:	6.04
Dry Metric Tons/ha Applied For Current Year:	0.86

Source: Visalia

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	41.11	48.10
NH3	0.82	0.96
NO3	0.02	0.02
Organic N	40.28	47.12
As	0.00	0.00
Cd	0.00	0.00
Cr	0.00	0.00
Cu	0.03	0.03
Pb	0.00	0.00
Hg	0.00	0.00
Mo	0.00	0.00
Ni	0.00	0.00
Se	0.00	0.00
Zn	0.10	0.11
PAN	8.48	9.93
P	33.27	38.93

City of Watsonville

Watsonville Application Summary - 2015

Field Code:	ME 3-3
Date:	2/1/2016
Total Acres:	131.4
Tax Assessors Parcel No.	042-220-008
Crop:	Corn+Forage Mix
Crop Nitrogen Usage:	475#/acre
Residual Nitrogen	28#/acre
Date Started:	1/1/2015
Seeding Date:	December-15
Harvesting Date:	May-16

Wet Tons Applied For Current Year:	968.52
Dry Tons Applied For Current Year:	161.74
Wet Metric Tons Applied For Current Year:	879.22
Dry Metric Tons Applied For Current Year:	146.83
Wet Tons/Acre Applied For Current Year:	7.37
Dry Tons/Acre Applied For Current Year:	1.23
Wet Metric Tons/ha Applied For Current Year:	16.53
Dry Metric Tons/ha Applied For Current Year:	2.76

Source: Watsonville

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	124.96	146.20
NH3	70.73	82.75
NO3	0.00	0.00
Organic N	54.23	63.45
As	0.02	0.02
Cd	0.01	0.01
Cr	0.18	0.21
Cu	1.20	1.41
Pb	0.04	0.04
Hg	0.00	0.00
Mo	0.04	0.04
Ni	0.06	0.07
Se	0.02	0.02
Zn	1.96	2.29
PAN	46.21	54.07
P	70.73	82.75

Watsonville Application Summary - 2015

Field Code:	ME 1-T4
Date:	2/1/2016
Total Acres:	85.4
Tax Assessors Parcel No.	74-17-4
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	112#/acre
Date Started	9/8/2015
Seeding Date:	11/1/2016
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	3573.41
Dry Tons Applied For Current Year:	546.73
Wet Metric Tons Applied For Current Year:	3243.94
Dry Metric Tons Applied For Current Year:	496.32
Wet Tons/Acre Applied For Current Year:	41.84
Dry Tons/Acre Applied For Current Year:	6.40
Wet Metric Tons/ha Applied For Current Year:	93.84
Dry Metric Tons/ha Applied For Current Year:	14.36

Source: Watsonville

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	674.43	789.08
NH3	98.10	114.78
NO3	0.12	0.14
Organic N	0.00	0.00
As	0.04	0.04
Cd	0.04	0.05
Cr	1.05	1.23
Cu	5.64	6.60
Pb	0.13	0.16
Hg	0.01	0.01
Mo	0.13	0.16
Ni	0.39	0.46
Se	0.09	0.10
Zn	11.65	13.63
PAN	0.00	0.00
P	429.18	502.14

City of Tracy

Tracy Application Summary - 2015

Field Code:	ME 3-8
Date:	2/1/2016
Total Acres:	311
Tax Assessors Parcel No.	043-100-014, 043-070-41
Crop:	Corn
Crop Nitrogen Usage:	250
Residual Nitrogen	52#/acre
Date Started:	6/16/2015
Seeding Date:	January-16
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	1532.30
Dry Tons Applied For Current Year:	1480.20
Wet Metric Tons Applied For Current Year:	1391.02
Dry Metric Tons Applied For Current Year:	1343.73
Wet Tons/Acre Applied For Current Year:	4.93
Dry Tons/Acre Applied For Current Year:	4.76
Wet Metric Tons/ha Applied For Current Year:	11.05
Dry Metric Tons/ha Applied For Current Year:	10.67

Source: Tracy

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	481.29	563.11
NH3	94.37	110.41
NO3	0.07	0.09
Organic N	386.85	452.61
As	0.06	0.07
Cd	0.00	0.00
Cr	0.36	0.42
Cu	4.25	4.97
Pb	0.09	0.11
Hg	0.00	0.00
Mo	0.09	0.11
Ni	0.18	0.21
Se	0.06	0.07
Zn	5.38	6.29
PAN	124.63	145.82
P	283.11	331.24

Tracy Application Summary - 2015

Field Code:	ME 3-16
Date:	2/1/2016
Total Acres:	316.6
Tax Assessors Parcel No.	043-100-014, 043-100-017
Crop:	Corn+Wheat Hay
Crop Nitrogen Usage:	425#/acre
Residual Nitrogen	119#/acre
Date Started:	9/1/2015
Seeding Date:	November-15
Harvesting Date:	April-16

Wet Tons Applied For Current Year:	402.61
Dry Tons Applied For Current Year:	388.92
Wet Metric Tons Applied For Current Year:	365.49
Dry Metric Tons Applied For Current Year:	353.06
Wet Tons/Acre Applied For Current Year:	1.27
Dry Tons/Acre Applied For Current Year:	1.23
Wet Metric Tons/ha Applied For Current Year:	2.85
Dry Metric Tons/ha Applied For Current Year:	2.75

Source: Tracy

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	124.22	145.34
NH3	24.36	28.50
NO3	0.02	0.02
Organic N	99.85	116.82
As	0.02	0.02
Cd	0.00	0.00
Cr	0.09	0.11
Cu	1.10	1.28
Pb	0.02	0.03
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.05	0.05
Se	0.02	0.02
Zn	1.39	1.62
PAN	32.17	37.64
P	73.07	85.49