Lab #: 827

LABORATORY ANALYSIS REPORT

Report Date: 09/29/2006 05:44 pm

Send To: 9656

TEXAS BEEF PRODUCERS
PO BOX 1355
DUMAS, TX 79029

Steve Harrold
Laboratory Manager

Client Name:
Sample ID: EAST SIDE

Invoice No: 400165
P.O. #:

	Analysis results, "dry basis" basis		Total Content, pounds per ton (dry basis)	Estimated available first year*, pounds per ton (dry basis)
Nitrogen				
Total Kjeldahl Nitrogen	2.25	%	45.0	22.1
Organic Nitrogen	1.96	%	39.2	16.3
Ammonium Nitrogen	0.29	%	5.8	5.8
Major and Secondary Nutrients				
Phosphorus	0.57	%		
Phosphorus as P2O5	1.28	%	29.8	29.8
Potassium	1.93	%		
Potassium as K2O	2.28	%	53.1	53.1
Sulfur	0.53	%	12.1	5.0
Other Constituents				
Moisture	0.00	%		
Total Solids	100	%	2000.0	2000.0
Crude Fiber	11.9	%	277.4	277.4
Total Starch	0.3	%	7.0	7.0
Other Properties				
Organic Matter	47.7	%		
Ash	52.3	%		
C:N Ratio	12.3	ratio		

NITROGEN: All of the urea, ammonium, and nitrate plus a portion of the organic nitrogen are considered available during the growing season following application. If manure is broadcast on the soil surface and not incorporated shortly, about 1/4 to 1/3 of the urea and ammonium nitrogen may be lost through volatilization.

CARBON:NITROGEN - Nitrogen immobilization may occur if the carbon:nitrogen ratio is 30 or greater. Immobilization causes nitrogen deficiency if large amounts of organic materials are incorporated just prior to crop planting.

* Assumes 42% of organic nitrogen available during first crop year after application. Assumes 100% of ammonia and nitrate nitrogen available, but should be adjusted for potential field losses at application site.

Lab #: **828**

LABORATORY ANALYSIS REPORT

Report Date: 09/29/2006 05:44 pm

Send To: 9656

TEXAS BEEF PRODUCERS
PO BOX 1355
DUMAS, TX 79029

Steve Harrold
Laboratory Manager

Client Name:
Sample ID: WEST

Invoice No: 400165
P.O. #:

	Analysis results, "dry basis" basis		Total Content, pounds per ton (dry basis)	Estimated available first year*, pounds per ton (dry basis)
Nitrogen				
Total Kjeldahl Nitrogen	1.88	%	37.6	19.8
Organic Nitrogen	1.59	%	31.9	14.0
Ammonium Nitrogen	0.29	%	5.8	5.8
Major and Secondary Nutrients				
Phosphorus	0.48	%		
Phosphorus as P2O5	1.05	%	23.2	23.2
Potassium	1.66	%		
Potassium as K2O	1.94	%	42.9	42.9
Sulfur	0.45	%	9.7	4.3
Other Constituents				
Moisture	0.00	%		
Total Solids	100	%	2000.0	2000.0
Crude Fiber	11.3	%	250.0	250.0
Total Starch	0.3	%	6.6	6.6
Other Properties				
Organic Matter	34.3	%		
Ash	65.7	%		
C:N Ratio	10.6	ratio		

NITROGEN: All of the urea, ammonium, and nitrate plus a portion of the organic nitrogen are considered available during the growing season following application. If manure is broadcast on the soil surface and not incorporated shortly, about 1/4 to 1/3 of the urea and ammonium nitrogen may be lost through volatilization.

CARBON:NITROGEN - Nitrogen immobilization may occur if the carbon:nitrogen ratio is 30 or greater. Immobilization causes nitrogen deficiency if large amounts of organic materials are incorporated just prior to crop planting.

* Assumes 44% of organic nitrogen available during first crop year after application. Assumes 100% of ammonia and nitrate nitrogen available, but should be adjusted for potential field losses at application site.

Lab #: **829**

LABORATORY ANALYSIS REPORT

Report Date: 09/29/2006 05:53 pm

Send To: 9656

TEXAS BEEF PRODUCERS
PO BOX 1355
DUMAS, TX 79029

Steve Harrold
Laboratory Manager

Client Name:
Sample ID: PEN 2412 LOT 2456

Invoice No: 400165
P.O. #:

	Analysis results, "dry basis" basis		Total Content, pounds per ton (dry basis)	Estimated available first year*, pounds per ton (dry basis)
Nitrogen				
Total Kjeldahl Nitrogen	1.75	%	34.9	18.8
Organic Nitrogen	1.38	%	27.6	11.4
Ammonium Nitrogen	0.37	%	7.4	7.4
Major and Secondary Nutrients				
Phosphorus	0.55	%		
Phosphorus as P2O5	1.24	%	30.5	30.5
Potassium	1.72	%		
Potassium as K2O	2.04	%	50.2	50.2
Sulfur	0.48	%	11.6	4.8
Other Constituents				
Moisture	0.00	%		
Total Solids	100	%	2000.0	2000.0
Crude Fiber	11.1	%	273.1	273.1
Total Starch	0.1	%	2.5	2.5
Other Properties				
Organic Matter	37.0	%		
Ash	63.0	%		
C:N Ratio	12.3	ratio		

NITROGEN: All of the urea, ammonium, and nitrate plus a portion of the organic nitrogen are considered available during the growing season following application. If manure is broadcast on the soil surface and not incorporated shortly, about 1/4 to 1/3 of the urea and ammonium nitrogen may be lost through volatilization.

CARBON:NITROGEN - Nitrogen immobilization may occur if the carbon:nitrogen ratio is 30 or greater. Immobilization causes nitrogen deficiency if large amounts of organic materials are incorporated just prior to crop planting.

* Assumes 42% of organic nitrogen available during first crop year after application. Assumes 100% of ammonia and nitrate nitrogen available, but should be adjusted for potential field losses at application site.

Lab #: **830**

LABORATORY ANALYSIS REPORT

Report Date: 09/29/2006 05:34 pm

Send To: 9656

TEXAS BEEF PRODUCERS
PO BOX 1355
DUMAS, TX 79029

Steve Harrold
Laboratory Manager

Client Name:
Sample ID: PEN 3105

Invoice No: 400165
P.O. #:

	Analysis results, "dry basis" basis		Total Content, pounds per ton (dry basis)	Estimated available first year*, pounds per ton (dry basis)
Nitrogen				
Total Kjeldahl Nitrogen	1.98	%	39.5	20.7
Organic Nitrogen	1.52	%	30.5	11.6
Ammonium Nitrogen	0.45	%	9.1	9.1
Major and Secondary Nutrients				
Phosphorus	0.54	%		
Phosphorus as P2O5	1.21	%	33.2	33.2
Potassium	1.71	%		
Potassium as K2O	2.02	%	55.4	55.4
Sulfur	0.52	%	14.0	5.4
Other Constituents				
Moisture	0.00	%		
Total Solids	100	%	2000.0	2000.0
Crude Fiber	14.0	%	384.1	384.1
Total Starch	0.1	%	2.7	2.7
Other Properties				
Organic Matter	49.4	%		
Ash	50.6	%		
C:N Ratio	14.5	ratio		

NITROGEN: All of the urea, ammonium, and nitrate plus a portion of the organic nitrogen are considered available during the growing season following application. If manure is broadcast on the soil surface and not incorporated shortly, about 1/4 to 1/3 of the urea and ammonium nitrogen may be lost through volatilization.

CARBON:NITROGEN - Nitrogen immobilization may occur if the carbon:nitrogen ratio is 30 or greater. Immobilization causes nitrogen deficiency if large amounts of organic materials are incorporated just prior to crop planting.

* Assumes 38% of organic nitrogen available during first crop year after application. Assumes 100% of ammonia and nitrate nitrogen available, but should be adjusted for potential field losses at application site.

Lab #: **831**

LABORATORY ANALYSIS REPORT

Report Date: 09/29/2006 05:35 pm

Send To: 9656

TEXAS BEEF PRODUCERS
PO BOX 1355
DUMAS, TX 79029

Steve Harrold
Laboratory Manager

Client Name:
Sample ID: PEN 1501

Invoice No: 400165
P.O. #:

	Analysis results, "dry basis" basis		Total Content, pounds per ton (dry basis)	Estimated available first year*, pounds per ton (dry basis)
Nitrogen				
Total Kjeldahl Nitrogen	1.63	%	32.7	15.9
Organic Nitrogen	1.38	%	27.6	10.8
Ammonium Nitrogen	0.25	%	5.1	5.1
Major and Secondary Nutrients				
Phosphorus	0.51	%		
Phosphorus as P2O5	1.15	%	26.5	26.5
Potassium	1.53	%		
Potassium as K2O	1.79	%	41.2	41.2
Sulfur	0.45	%	10.1	4.0
Other Constituents				
Moisture	0.00	%		
Moisture	0.00	%		
Moisture	0.00	%		
Moisture	0.00	%		
Moisture	0.00	%		
Total Solids	100	%	2000.0	2000.0
Crude Fiber	12.4	%	285.4	285.4
Total Starch	0.8	%	18.4	18.4
Other Properties				
Organic Matter	39.1	%		
Organic Matter	39.2	%		
Ash	5.8	%		
Ash	5.8	%		
Ash	5.8	%		
Ash	60.8	%		
C:N Ratio	13.9	ratio		

NITROGEN: All of the urea, ammonium, and nitrate plus a portion of the organic nitrogen are considered available during the growing season following application. If manure is broadcast on the soil surface and not incorporated shortly, about 1/4 to 1/3 of the urea and ammonium nitrogen may be lost through volatilization.

CARBON:NITROGEN - Nitrogen immobilization may occur if the carbon:nitrogen ratio is 30 or greater. Immobilization causes nitrogen deficiency if large amounts of organic materials are incorporated just prior to crop planting.

* Assumes 39% of organic nitrogen available during first crop year after application. Assumes 100% of ammonia and nitrate nitrogen available, but should be adjusted for potential field losses at application site.

Lab #: **832**

LABORATORY ANALYSIS REPORT

Report Date: 09/29/2006 05:35 pm

Send To: 9656

TEXAS BEEF PRODUCERS
PO BOX 1355
DUMAS, TX 79029

Steve Harrold
Laboratory Manager

Client Name:
Sample ID: PEN 3406 LOT 2586

Invoice No: 400165
P.O. #:

	Analysis results, "dry basis" basis		Total Content, pounds per ton (dry basis)	Estimated available first year*, pounds per ton (dry basis)
Nitrogen				
Total Kjeldahl Nitrogen	2.91	%	58.3	22.2
Organic Nitrogen	2.82	%	56.5	20.4
Ammonium Nitrogen	0.09	%	1.8	1.8
Major and Secondary Nutrients				
Phosphorus	0.59	%		
Phosphorus as P2O5	1.35	%	110.7	110.7
Potassium	0.461	%		
Potassium as K2O	0.55	%	45.1	45.1
Sulfur	0.30	%	24.6	8.9
Other Constituents				
Moisture	0.00	%		
Total Solids	100	%	2000.0	2000.0
Crude Fiber	13.9	%	1139.3	1139.3
Total Starch	3.3	%	270.5	270.5
Other Properties				
Organic Matter	79.9	%		
Ash	20.1	%		
C:N Ratio	15.9	ratio		

NITROGEN: All of the urea, ammonium, and nitrate plus a portion of the organic nitrogen are considered available during the growing season following application. If manure is broadcast on the soil surface and not incorporated shortly, about 1/4 to 1/3 of the urea and ammonium nitrogen may be lost through volatilization.

CARBON:NITROGEN - Nitrogen immobilization may occur if the carbon:nitrogen ratio is 30 or greater. Immobilization causes nitrogen deficiency if large amounts of organic materials are incorporated just prior to crop planting.

* Assumes 36% of organic nitrogen available during first crop year after application. Assumes 100% of ammonia and nitrate nitrogen available, but should be adjusted for potential field losses at application site.

Lab #: **833**

LABORATORY ANALYSIS REPORT

Report Date: 09/29/2006 05:35 pm

Send To: 9656

TEXAS BEEF PRODUCERS
PO BOX 1355
DUMAS, TX 79029

Steve Harrold
Laboratory Manager

Client Name:
Sample ID: PEN 1436 LOT 1436

Invoice No: 400165
P.O. #:

	Analysis results, "dry basis" basis		Total Content, pounds per ton (dry basis)	Estimated available first year*, pounds per ton (dry basis)
Nitrogen				
Total Kjeldahl Nitrogen	2.65	%	52.9	20.3
Organic Nitrogen	2.53	%	50.6	18.0
Ammonium Nitrogen	0.12	%	2.3	2.3
Major and Secondary Nutrients				
Phosphorus	0.89	%		
Phosphorus as P2O5	2.02	%	172.6	172.6
Potassium	0.484	%		
Potassium as K2O	0.58	%	49.6	49.6
Sulfur	0.32	%	27.4	9.7
Other Constituents				
Moisture	0.00	%		
Total Solids	100	%	2000.0	2000.0
Crude Fiber	15.6	%	1333.3	1333.3
Total Starch	3.1	%	265.0	265.0
Other Properties				
Organic Matter	74.4	%		
Ash	25.6	%		
C:N Ratio	16.3	ratio		

NITROGEN: All of the urea, ammonium, and nitrate plus a portion of the organic nitrogen are considered available during the growing season following application. If manure is broadcast on the soil surface and not incorporated shortly, about 1/4 to 1/3 of the urea and ammonium nitrogen may be lost through volatilization.

CARBON:NITROGEN - Nitrogen immobilization may occur if the carbon:nitrogen ratio is 30 or greater. Immobilization causes nitrogen deficiency if large amounts of organic materials are incorporated just prior to crop planting.

* Assumes 36% of organic nitrogen available during first crop year after application. Assumes 100% of ammonia and nitrate nitrogen available, but should be adjusted for potential field losses at application site.