Vintage Dairy

P.O. Box 2282
Bakersfield, California 93303
661.631.0100
Fax 661.631.0111

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To (name) Clay Rodgers

At (company) CVRWQCB

Facsimile number 559-445-5910

Date 5/19/11

Total number of pages 49

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661.631.0100

From (name) David Albers

File No.

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- ☐ Immediate
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Subject/Special Instructions:

C:\Documents and Settings\dalbers\My Documents\Fax Vintage Dairy Lizardo.doc

200 New Stine Road, Suite 220
Bakersfield, CA 93309
661.617.6240
Fax 661.617.6238

April 30, 2010

Mr. Clay Rodgers
Regional Water Quality Control Board
1685 E Street
Fresno, CA 93706

Re: 2008 Annual Report
Address: 12103 W. Elkhorn Avenue

Dear Clay:

In accordance with the settlement agreement, we have attached our 2008 Annual Report. You should have received the penalty payment under separate cover.

Should you have any questions, please do not hesitate to contact me.

Very Truly Yours,

David Albers
Managing Partner

Annual Report - General Order No. R5-2007-0035
Reporting period 01/01/2008 to 12/31/2008.

DAIRY FACILITY INFORMATION

A. NAME OF DAIRY OR BUSINESS OPERATING THE DAIRY: Vintage Dairy

Physical address of dairy:

12103 W Elkhorn Avenue	Riverdale	Fresno	93656-9775
Number and Street	City	County	Zip Code

Street and nearest cross street (if no address):

Date facility was originally placed in operation: 05/03/2005

Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

0050-0170-041S-0000

B. OPERATORS

Albers, David

Operator name: Albers, David

Telephone no.: (661) 617-6240 (Landline) (661) 213-7696 (Cellular)

200 New Stine RD, STE 220	Bakersfield	CA	93309
Mailing Address Number and Street	City	State	Zip Code

This operator is responsible for paying permit fees.

Albers, Ray

Operator name: Albers, Ray

Telephone no.: (661) 617-6240 (Landline) (Cellular)

200 New Stine RD, STE 220	Bakersfield	CA	93309
Mailing Address Number and Street	City	State	Zip Code

P.03
98%
MAY-19-2011 18:02

Greidanus, Ted

Operator name: Greidanus, Ted — Telephone no.: (661) 617-6240 (Landline) — (Cellular)

200 New Stine RD, STE 220 (Mailing Address Number and Street) | Bakersfield (City) | CA (State) | 93309 (Zip Code)

C. OWNERS

Albers, David

Legal owner name: Albers, David — Telephone no.: (661) 617-6240 (Landline) | (661) 213-7696 (Cellular)

200 New Stine RD, STE 220 (Mailing Address Number and Street) | Bakersfield (City) | CA (State) | 93309 (Zip Code)

This owner is responsible for paying permit fees.

Albers, Ray

Legal owner name: Albers, Ray — Telephone no.: (661) 617-6240 (Landline) — (Cellular)

200 New Stine RD, STE 220 (Mailing Address Number and Street) | Bakersfield (City) | CA (State) | 93309 (Zip Code)

Greidanus, Ted

Legal owner name: Greidanus, Ted — Telephone no.: (661) 617-6240 (Landline) — (Cellular)

200 New Stine RD, STE 220 (Mailing Address Number and Street) | Bakersfield (City) | CA (State) | 93309 (Zip Code)

P.04
98%
MAY-19-2011 18:02

Annual Report - General Order No. R5-2007-0035
Reporting period 01/01/2008 to 12/31/2008.

AVAILABLE NUTRIENTS

A. HERD INFORMATION

	Milk Cows	Dry Cows	Bred Heifers (15-24 mo.)	Heifers (7-14 mo. to breeding)	Calves (4-6 mo.)	Calves (0-3 mo.)
Number open confinement	0	444	1,000	500	250	0
Number under roof	2,671	0	0	0	0	0
Maximum number	4,400	500	1,200	700	300	0
Average number	2,700	450	1,000	500	250	0
Avg live weight (lbs)	1,400	1,400	800	500		

Predominant milk cow breed: Holstein

Average milk production: 70 *pounds per cow per day*

B. MANURE GENERATED

Total manure excreted by the herd: 91,061.21 *tons per reporting period*

Total nitrogen from manure: 1,145,907.16 *lbs per reporting period*

After ammonia losses (30% loss applied): 802,135.01 *lbs per reporting period*

Total phosphorus from manure: 189,652.20 *lbs per reporting period*

Total potassium from manure: 518,491.56 *lbs per reporting period*

Total salt from manure: 1,378,539.00 *lbs per reporting period*

C. PROCESS WASTEWATER GENERATED

Process wastewater generated: _____ *gallons*

Total nitrogen generated: _____ *lbs*

Total phosphorus generated: _____ *lbs*

Total potassium generated: _____ *lbs*

Total salt generated: _____ *lbs*

	0 *gallons applied*
+	0 *gallons exported*
-	0 *gallons imported*
=	0 *gallons generated*

D. IRRIGATION SOURCES

Irrigation Source Name	Type
Stinson	Surface water

MAY-19-2011 18:02 P.05 98%

Irrigation Source Name	Type
Wells	Ground water

E. NUTRIENT IMPORTS

No nutrient imports entered.

F. NUTRIENT EXPORTS

No solid nutrient exports entered.

No liquid nutrient exports entered.

P.05
98%
MAY-19-2011 18:02

APPLICATION AREA

A. LIST OF LAND APPLICATION AREAS

Field name	Controlled acres	Cropable acres	Total harvests	Type of waste applied	Parcel number
Field 201	67	66	5	none	0050-0170-041S-0000
Field 202	74	73	7	none	0050-0170-041S-0000
Field 203	77	76	7	none	0050-0170-041S-0000
Field 204	79	78	1	none	0050-0170-041S-0000
Field 205	140	138	1	none	0050-0170-043S-0000
Field 215	230	229	1	none	0050-0200-034S-0000 0050-0200-038S-0000
Field 217	76	76	1	none	0050-0200-034S-0000
Field 218	73	73	1	none	0050-0200-034S-0000
Field 219	72	72	1	none	0050-0200-034S-0000
Field 220	63	63	1	none	0050-0200-038S-0000
Field 221	103	103	1	none	0050-0200-038S-0000
Field 222	83	83	1	none	0050-0200-038S-0000
Field 223	32	32	1	none	0050-0200-038S-0000
Field 224	100	100	1	none	0050-0200-038S-0000
Field 225	48	48	1	none	0050-0200-038S-0000
Field 226	105	105	1	none	0050-0200-038S-0000
Field 227	30	30	0	none	0050-0170-043S-0000
Land application area totals	1,682	1,674	33		

B. CROPS AND HARVESTS

Field 201

P.07
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MAY-19-2011 18:02

Field 201

Field name: Field 201

01/03/2006: Alfalfa, hay 01/03/2006

Crop: 01/03/2006: Alfalfa, hay Acres planted: 66 Plant date: 01/03/2006

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/22/2008	56.00 *ton*	As-is	17.0	14.0	3.300000	0.300000	2.400000	0.000000
05/18/2008	90.00 *ton*	As-is	17.0	12.0	3.300000	0.300000	2.400000	0.000000
06/20/2008	95.00 *ton*	As-is	17.0	12.0	3.300000	0.300000	2.400000	0.000000
07/14/2008	90.00 *ton*	As-is	17.0	10.0	3.300000	0.300000	2.400000	0.000000
08/10/2008	80.00 *ton*	As-is	16.0	10.0	3.300000	0.300000	2.400000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	7.00	420.00	37.80	294.00	0.00
Total actual harvest content	6.23	411.00	37.36	298.91	0.00

Field 202

Field name: Field 202

P.08
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Field 202

01/03/2006: Alfalfa, hay — 01/03/2006

Crop: 01/03/2006: Alfalfa, hay — Acres planted: 73 Plant date: 01/03/2006

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/11/2008	50.00 *ton*	As-is	17.0	14.0	3.300000	0.300000	2.400000	0.000000
04/25/2008	75.00 *ton*	As-is	17.0	13.0	3.300000	0.300000	2.400000	0.000000
05/20/2008	80.00 *ton*	As-is	17.0	12.0	3.300000	0.300000	2.400000	0.000000
06/15/2008	85.00 *ton*	As-is	17.0	11.0	3.300000	0.300000	2.400000	0.000000
07/20/2008	80.00 *ton*	As-is	17.0	10.0	3.300000	0.300000	2.400000	0.000000
08/15/2008	75.00 *ton*	As-is	17.0	10.0	3.300000	0.300000	2.400000	0.000000
09/06/2008	50.00 *ton*	As-is	17.0	10.0	3.300000	0.300000	2.400000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	7.00	420.00	37.80	294.00	0.00
Total actual harvest content	6.78	447.53	40.68	325.48	0.00

Field 203

Field name: Field 203

MAY-19-2011 18:03 P.09 98%

Field 203

01/03/2006: Alfalfa, hay — 01/03/2006

Crop: 01/03/2006: Alfalfa, hay — Acres planted: 76 Plant date: 01/03/2006

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/10/2008	60.00 *ton*	As-is	17.0	14.0	3.300000	0.300000	2.400000	0.000000
04/26/2008	90.00 *ton*	As-is	17.0	14.0	3.300000	0.300000	2.400000	0.000000
05/24/2008	95.00 *ton*	As-is	17.0	13.0	3.300000	0.300000	2.400000	0.000000
06/15/2008	90.00 *ton*	As-is	17.0	12.0	3.300000	0.300000	2.400000	0.000000
07/20/2008	90.00 *ton*	As-is	17.0	11.0	3.300000	0.300000	2.400000	0.000000
08/15/2008	40.00 *ton*	As-is	17.0	10.0	3.300000	0.300000	2.400000	0.000000
09/06/2008	75.00 *ton*	As-is	17.0	10.0	3.300000	0.300000	2.400000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	7.00	420.00	37.80	294.00	0.00
Total actual harvest content	7.11	468.95	42.63	341.05	0.00

Field 204

Field name: Field 204

P.10
98%
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Field 204

12/12/2007: Wheat, silage, soft dough — 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough — Acres planted: 78 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/21/2008	927.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	11.88	130.73	20.20	97.45	0.00

Field 205

Field name: Field 205

12/10/2007: Wheat, silage, soft dough — 12/10/2007

Crop: 12/10/2007: Wheat, silage, soft dough — Acres planted: 138 Plant date: 12/10/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/22/2008	1,521.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	11.02	121.24	18.74	90.38	0.00

Field 215

Field name: Field 215

P.11
98%
MAY-19-2011 18:04

Field 215

12/12/2007: Wheat, silage, soft dough 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough Acres planted: 229 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/23/2008	2,715.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	11.86	130.41	20.16	97.22	0.00

Field 217

Field name: Field 217

12/12/2007: Wheat, silage, soft dough 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough Acres planted: 76 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/23/2008	1,011.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	13.30	146.33	22.61	109.08	0.00

Field 218

Field name: Field 218

P.12
98%
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Field 218

12/12/2007: Wheat, silage, soft dough — 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough — Acres planted: 73 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
05/23/2008	997.00 *ton*	As-is	5.0	20.0	0.500000	0.090000	0.300000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	13.66	136.58	24.58	81.95	0.00

Field 219

Field name: Field 219

12/12/2007: Wheat, silage, soft dough — 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough — Acres planted: 72 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
05/17/2008	1,173.00 *ton*	As-is	5.0	20.0	0.500000	0.090000	0.300000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	16.29	162.92	29.33	97.75	0.00

Field 220

Field name: Field 220

P.13
98%
MAY-19-2011 18:05

Field 220

12/12/2007

12/12/2007: Wheat, silage, soft dough

Crop: 12/12/2007: Wheat, silage, soft dough Acres planted: 63 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/24/2008	824.00 ton	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	13.08	143.87	22.23	107.25	0.00

Field 221

Field name: Field 221

12/12/2007

12/12/2007: Wheat, silage, soft dough

Crop: 12/12/2007: Wheat, silage, soft dough Acres planted: 103 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/25/2008	1,505.00 ton	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	14.61	160.73	24.84	119.82	0.00

Field 222

Field name: Field 222

P.14
98%
MAY-19-2011 18:05

Field 222

12/12/2007: Wheat, silage, soft dough — 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough — Acres planted: 83 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/25/2008	1,937.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	23.34	256.71	39.67	191.37	0.00

Field 223

Field name: Field 223

12/12/2007: Wheat, silage, soft dough — 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough — Acres planted: 32 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/17/2008	683.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	21.34	234.78	36.28	175.02	0.00

Field 224

Field name: Field 224

P.15
98%
MAY-19-2011 18:05

Field 224

12/12/2007: Wheat, silage, soft dough — 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough — Acres planted: 100 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
05/17/2008	1,801.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.400000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	18.01	198.11	30.62	144.08	0.00

Field 225

Field name: Field 225

12/12/2007: Wheat, silage, soft dough — 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough — Acres planted: 48 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/26/2008	975.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.400000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	20.31	223.44	36.56	162.50	0.00

Field 226

Field name: Field 226

P.16
98%
MAY-19-2011 18:06

Field 226

12/12/2007: Wheat, silage, soft dough 12/12/2007

Crop: 12/12/2007: Wheat, silage, soft dough Acres planted: 105 Plant date: 12/12/2007

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	Total N (%)	Total P (%)	K (%)	Total salt (%)
04/26/2008	2,005.00 *ton*	As-is	5.0	20.0	0.550000	0.090000	0.410000	0.000000

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	K (lbs/acre)	Total salt (lbs/acre)
Anticipated harvest content	18.00	198.00	30.60	149.40	0.00
Total actual harvest content	19.10	210.05	32.46	156.58	0.00

MAY-19-2011 18:06 98% P.17

NUTRIENT BUDGET

A. LAND APPLICATIONS

Field 201 - 01/03/2006: Alfalfa, hay

Field name: Field 201

Crop: Alfalfa, hay Plant date: 01/03/2006

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/12/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/31/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
04/15/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
05/02/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
05/27/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
06/10/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
06/30/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
07/15/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

P.18
98%
MAY-19-2011 18:06

Field 201 - 01/03/2006: Alfalfa, hay

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
07/31/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 202 - 01/03/2006: Alfalfa, hay

Field name: Field 202

Plant date: 01/03/2006

Crop: Alfalfa, hay

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/14/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/12/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/31/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
04/16/2008	Subsurface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
05/02/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
05/28/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

MAY-19-2011 18:07 98% P.19

Field 202 - 01/03/2006: Alfalfa, hay

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
06/17/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
07/03/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
07/28/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 203 - 01/03/2006: Alfalfa, hay

Field name: Field 203

Plant date: 01/03/2006

Crop: Alfalfa, hay

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/11/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/25/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
04/16/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
05/02/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

MAY-19-2011 18:07 98% P.20

Field 203 - 01/03/2006: Alfalfa, hay

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
05/28/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
06/17/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
07/29/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
08/19/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 204 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 204 Plant date: 12/12/2007

Crop: Wheat, silage, soft dough

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/06/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/09/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 205 - 12/10/2007: Wheat, silage, soft dough

P.21
98%
MAY-19-2011 18:07

Field 205 - 12/10/2007: Wheat, silage, soft dough

Field name: Field 205

Crop: Wheat, silage, soft dough Plant date: 12/10/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/26/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/22/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 215 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 215

Crop: Wheat, silage, soft dough Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/02/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 217 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 217

Crop: Wheat, silage, soft dough Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/20/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

P.22
98%
MAY-19-2011 18:08

Field 218 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 218

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/16/2008	Surface (irrigation)	Sunny	Sunny	Sunny

No nutrient sources entered for this event.

Field 219 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 219

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/24/2008	Surface (irrigation)	Sunny	Sunny	Sunny

No nutrient sources entered for this event.

04/09/2008	Surface (irrigation)	Sunny	Sunny	Sunny

No nutrient sources entered for this event.

Field 220 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 220

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/22/2008	Surface (irrigation)	Sunny	Sunny	Sunny

No nutrient sources entered for this event.

MAY-19-2011 18:08 98% P.23

Field 221 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 221

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/25/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/18/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 222 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 222

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/25/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/28/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 223 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 223

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following

P.24
98%
MAY-19-2011 18:09

Field 223 - 12/12/2007: Wheat, silage, soft dough

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/04/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 224 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 224

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/05/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
03/18/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				
04/07/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

Field 225 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 225

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
03/11/2008	Surface (irrigation)	Sunny	Sunny	Sunny
No nutrient sources entered for this event.				

P.25
98%
MAY-19-2011 18:09

Field 226 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 226

Crop: Wheat, silage, soft dough

Plant date: 12/12/2007

Application date	Application method	Weather 24 hours prior	Weather during application	Weather 24 hours following
02/12/2008	Surface (irrigation)	Sunny	Sunny	Sunny

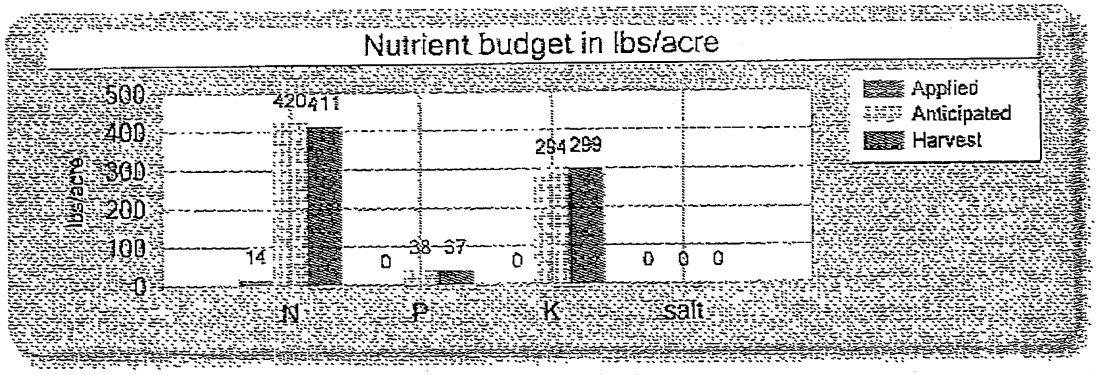
No nutrient sources entered for this event.

P.26
98%
MAY-19-2011 18:09

B. NUTRIENT BUDGET

Field 201 - 01/03/2006: Alfalfa, hay

Field name: Field 201 Crop: Alfalfa, hay Plant date: 01/03/2006



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	420.00	37.80	294.00	0.00
Actual crop nutrient removal	411.00	37.36	298.91	0.00
Nutrient balance	-397.00	-37.36	-298.91	0.00
Applied to removed ratio	0.03	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

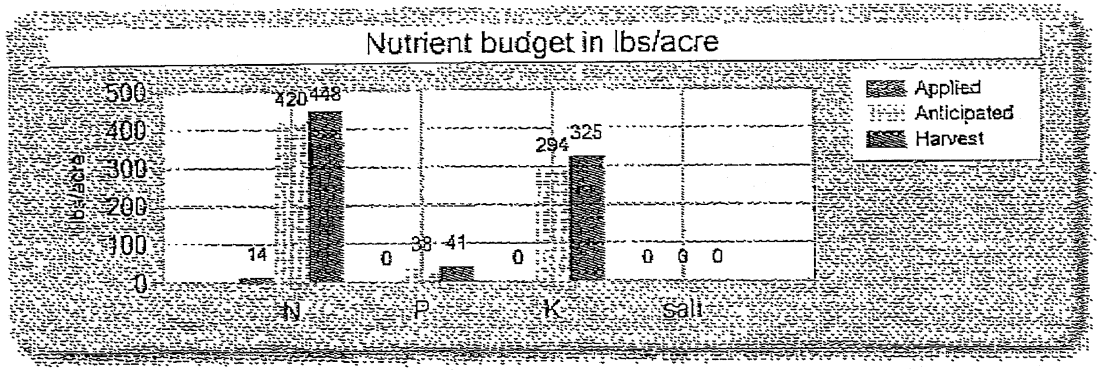
Total harvests for the crop
5 *harvests*

REPORT MAY BE INCOMPLETE, SEE VALIDATION ERRORS

P.27
98%
MAY-19-2011 18:09

Field 202 - 01/03/2006: Alfalfa, hay

Field name: Field 202 Crop: Alfalfa, hay Plant date: 01/03/2006



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	420.00	37.80	294.00	0.00
Actual crop nutrient removal	447.53	40.68	325.48	0.00
Nutrient balance	-433.53	-40.68	-325.48	0.00
Applied to removed ratio	0.03	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

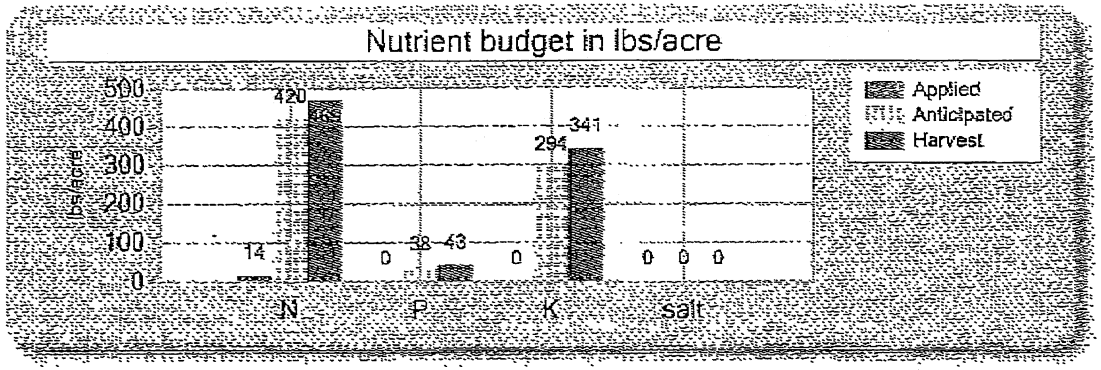
Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
7 *harvests*

P.28
98%
MAY-19-2011 18:10

Field 203 - 01/03/2006: Alfalfa, hay

Field name: Field 203 Crop: Alfalfa, hay Plant date: 01/03/2006



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	420.00	37.80	294.00	0.00
Actual crop nutrient removal	468.95	42.63	341.05	0.00
Nutrient balance	-454.95	-42.63	-341.05	0.00
Applied to removed ratio	0.03	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

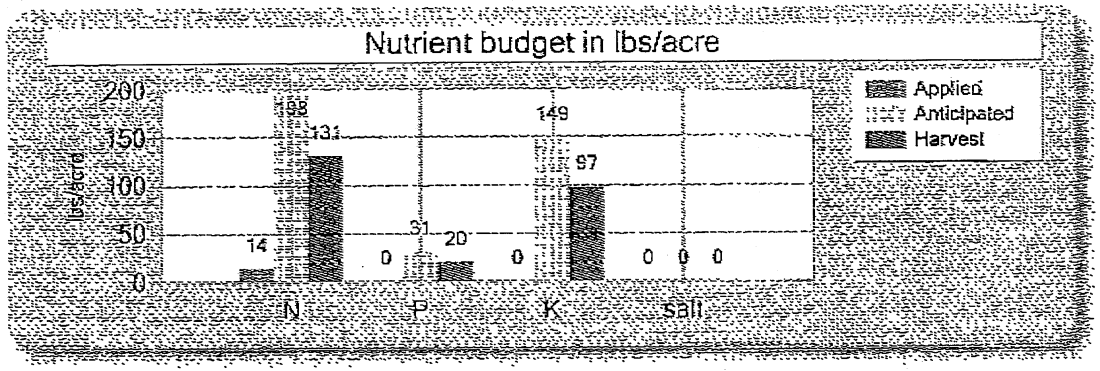
Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
7 harvests

P.29
98%
MAY-19-2011 18:10

Field 204 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 204 Crop: Wheat, silage, soft dough Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	130.73	20.20	97.45	0.00
Nutrient balance	-116.73	-20.20	-97.45	0.00
Applied to removed ratio	0.11	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

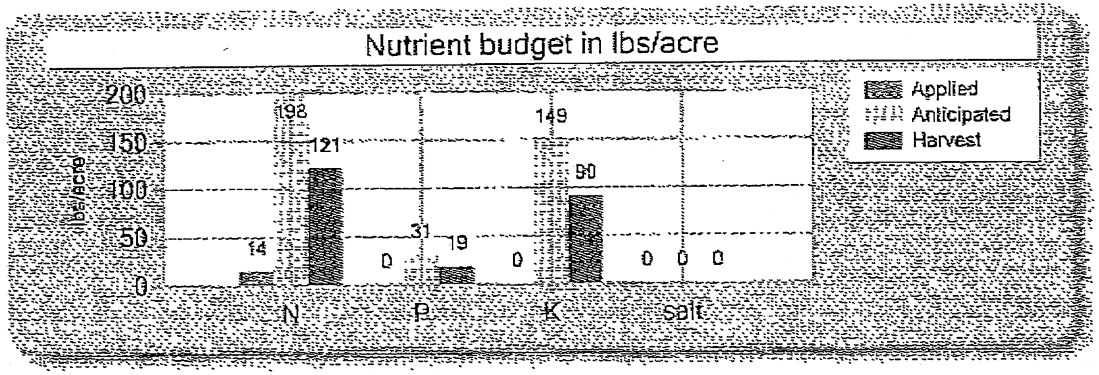
Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

P.30
98%
MAY-19-2011 18:11

Field 205 - 12/10/2007: Wheat, silage, soft dough

Field name: Field 205 | Crop: Wheat, silage, soft dough | Plant date: 12/10/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	121.24	18.74	90.38	0.00
Nutrient balance	-107.24	-18.74	-90.38	0.00
Applied to removed ratio	0.12	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

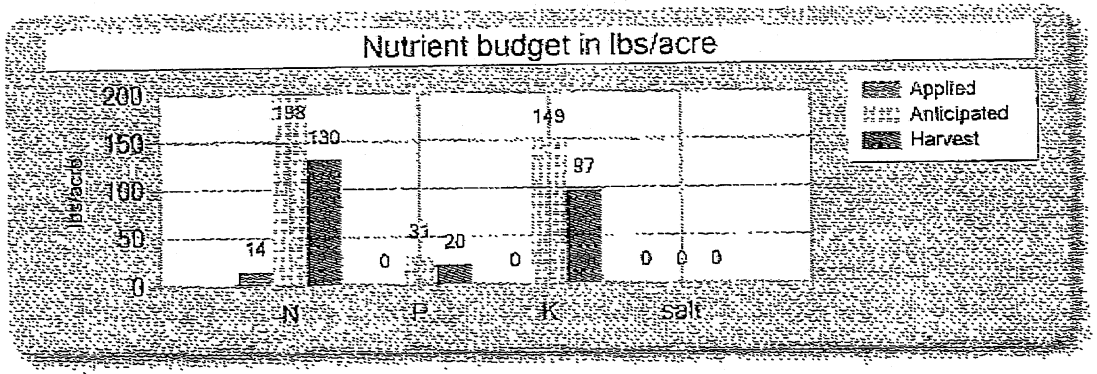
Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

P.31
98%
MAY-19-2011 18:11

Field 215 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 215 Crop: Wheat, silage, soft dough Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	130.41	20.16	97.22	0.00
Nutrient balance	-116.41	-20.16	-97.22	0.00
Applied to removed ratio	0.11	0.00	0.00	0.00

Fresh water applied:
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

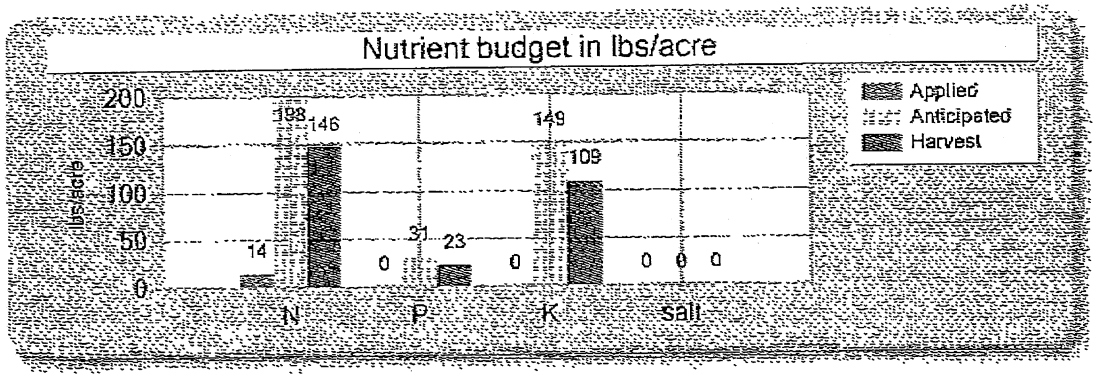
Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

P.32
98%
MAY-19-2011 18:12

Field 217 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 217 Crop: Wheat, silage, soft dough Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	146.33	22.61	109.08	0.00
Nutrient balance	-132.33	-22.61	-109.08	0.00
Applied to removed ratio	0.10	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

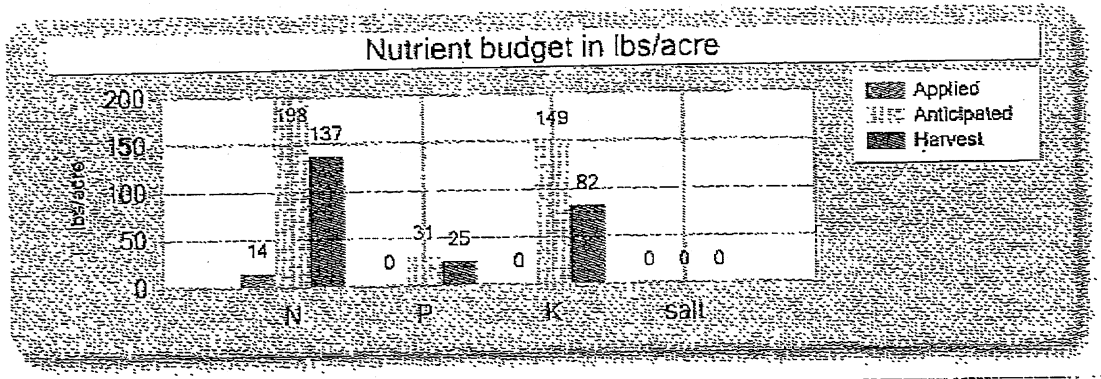
Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

P.33
98%
MAY-19-2011 18:12

Field 218 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 218 | Crop: Wheat, silage, soft dough | Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	136.58	24.58	81.95	0.00
Nutrient balance	-122.58	-24.58	-81.95	0.00
Applied to removed ratio	0.10	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

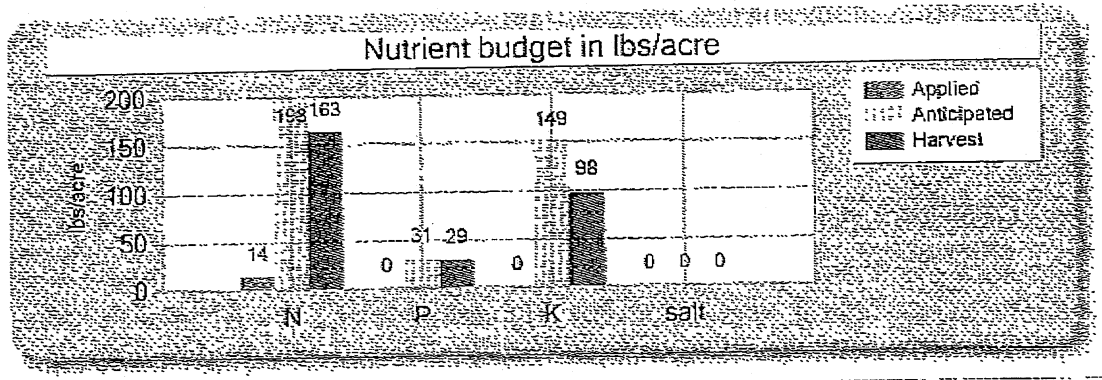
Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

MAY-19-2011 18:13 98% P.34

Field 219 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 219 Crop: Wheat, silage, soft dough Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	162.92	29.33	97.75	0.00
Nutrient balance	-148.92	-29.33	-97.75	0.00
Applied to removed ratio	0.09	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

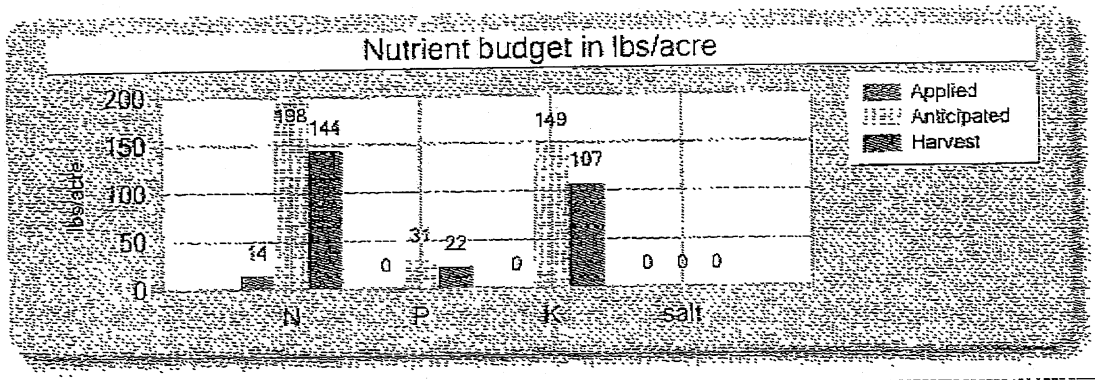
Total harvests for the crop
1 *harvests*

REPORT MAY BE INCOMPLETE. SEE VALIDATION ERRORS

P.35
98%
MAY-19-2011 18:13

Field 220 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 220 | Crop: Wheat, silage, soft dough | Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	143.87	22.23	107.25	0.00
Nutrient balance	-129.87	-22.23	-107.25	0.00
Applied to removed ratio	0.10	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

P.36
98%
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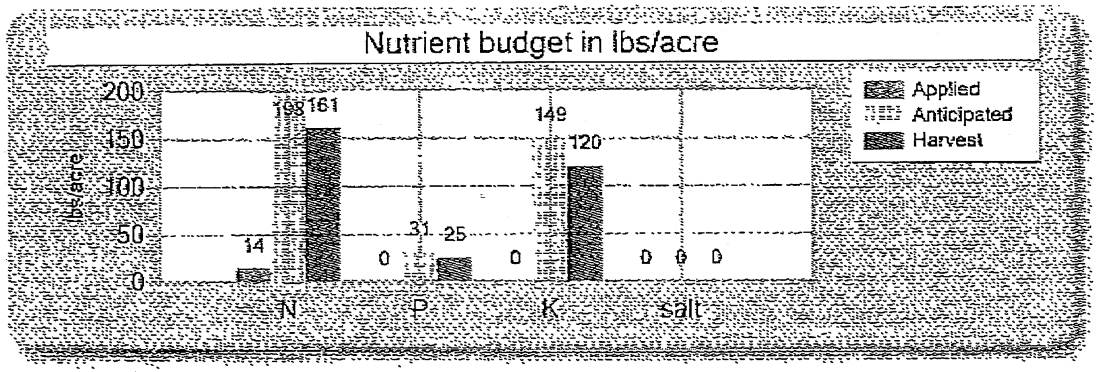
Field 221 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 221 Crop: Wheat, silage, soft dough Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	160.73	24.84	119.82	0.00
Nutrient balance	-146.73	-24.84	-119.82	0.00
Applied to removed ratio	0.09	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

P.37
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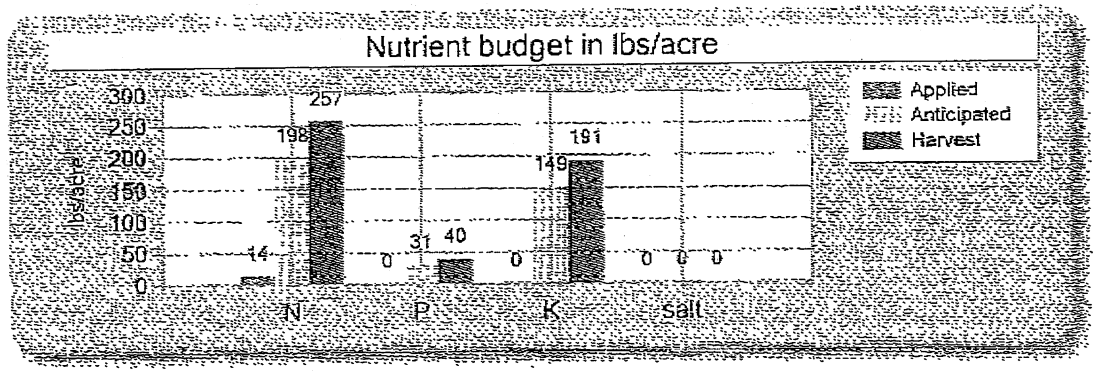
Field 222 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 222 | Crop: Wheat, silage, soft dough | Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	256.71	39.67	191.37	0.00
Nutrient balance	-242.71	-39.67	-191.37	0.00
Applied to removed ratio	0.05	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

REPORT MAY BE INCOMPLETE, SEE VALIDATION ERRORS

P.38
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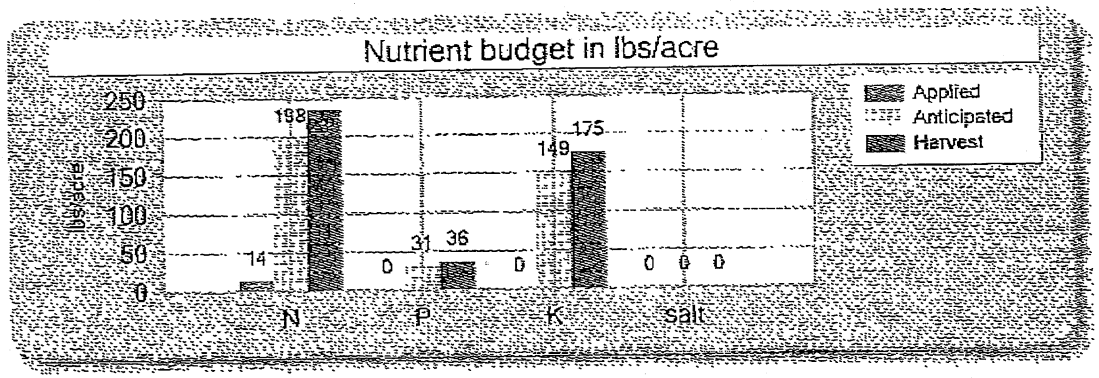
Field 223 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 223 Crop: Wheat, silage, soft dough Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	234.78	36.28	175.02	0.00
Nutrient balance	-220.78	-36.28	-175.02	0.00
Applied to removed ratio	0.06	0.00	0.00	0.00

Fresh water applied	
	0.00 *gallons*
	0.00 *acre-inches*
	0.00 *inches/acre*
Process wastewater applied	
	0.00 *gallons*
	0.00 *acre-inches*
	0.00 *inches/acre*
Total harvests for the crop	
	1 *harvests*

REPORT MAY BE INCOMPLETE, SEE VALIDATION ERRORS

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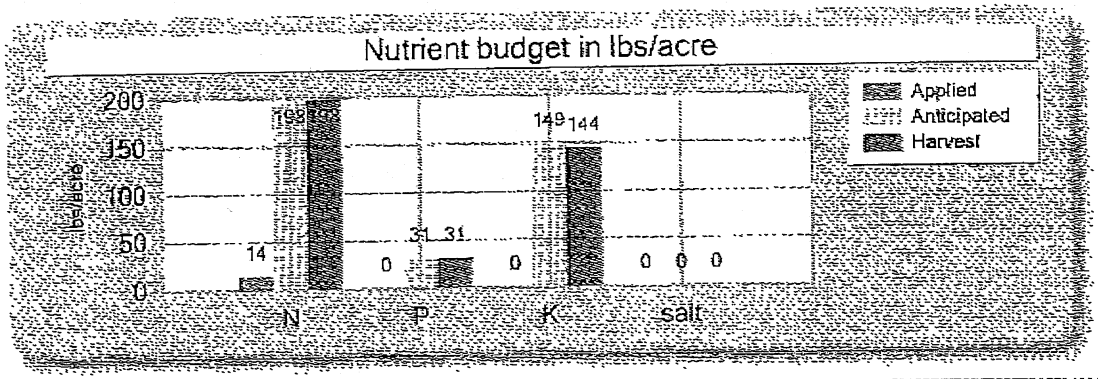
Field 224 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 224 | Crop: Wheat, silage, soft dough | Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	198.11	30.62	144.08	0.00
Nutrient balance	-184.11	-30.62	-144.08	0.00
Applied to removed ratio	0.07	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

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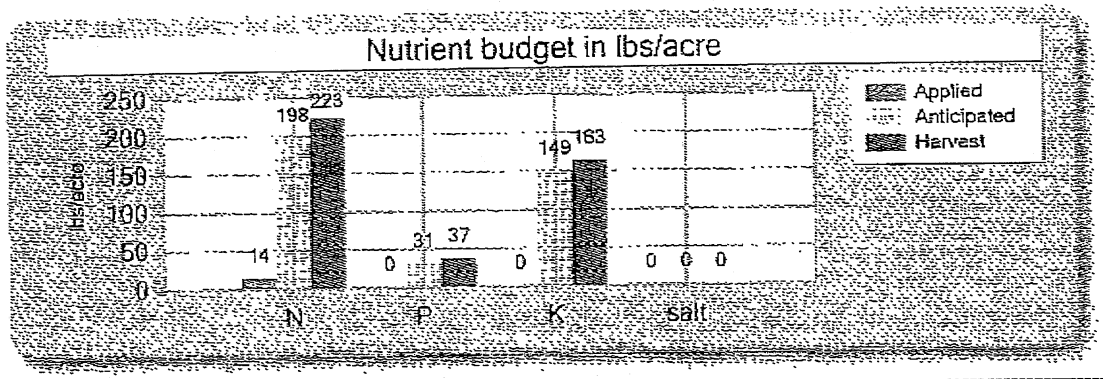
Field 225 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 225 Crop: Wheat, silage, soft dough Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	223.44	36.56	162.50	0.00
Nutrient balance	-209.44	-36.56	-162.50	0.00
Applied to removed ratio	0.06	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

REPORT MAY BE INCOMPLETE, SEE VALIDATION ERRORS

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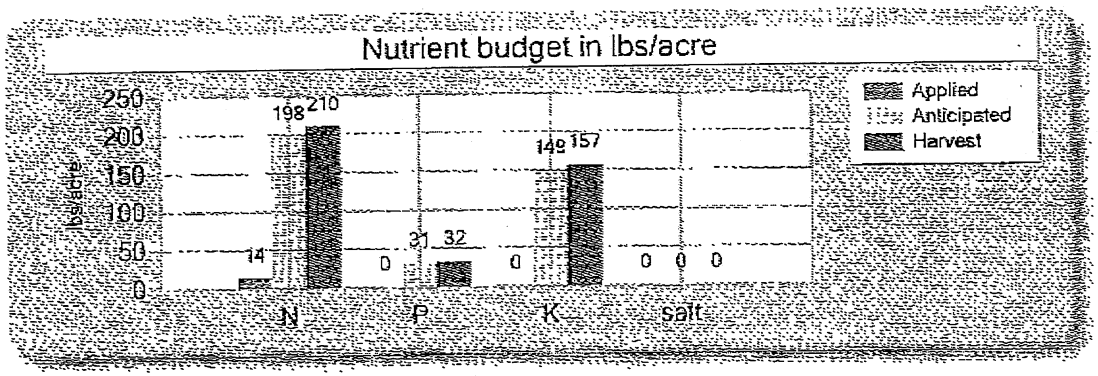
Field 226 - 12/12/2007: Wheat, silage, soft dough

Field name: Field 226 | Crop: Wheat, silage, soft dough | Plant date: 12/12/2007



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Plant tissue	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	198.00	30.60	149.40	0.00
Actual crop nutrient removal	210.05	32.46	156.58	0.00
Nutrient balance	-196.05	-32.46	-156.58	0.00
Applied to removed ratio	0.07	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

REPORT MAY BE INCOMPLETE, SEE VALIDATION ERRORS

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NUTRIENT ANALYSES

A. MANURE ANALYSES

No manure analyses entered.

B. PROCESS WASTEWATER ANALYSES

No process wastewater analyses entered.

C. IRRIGATION WATER ANALYSES

No irrigation water analyses entered.

D. SOIL ANALYSES

No soil analyses entered.

E. PLANT TISSUE ANALYSES

No plant tissue analyses entered.

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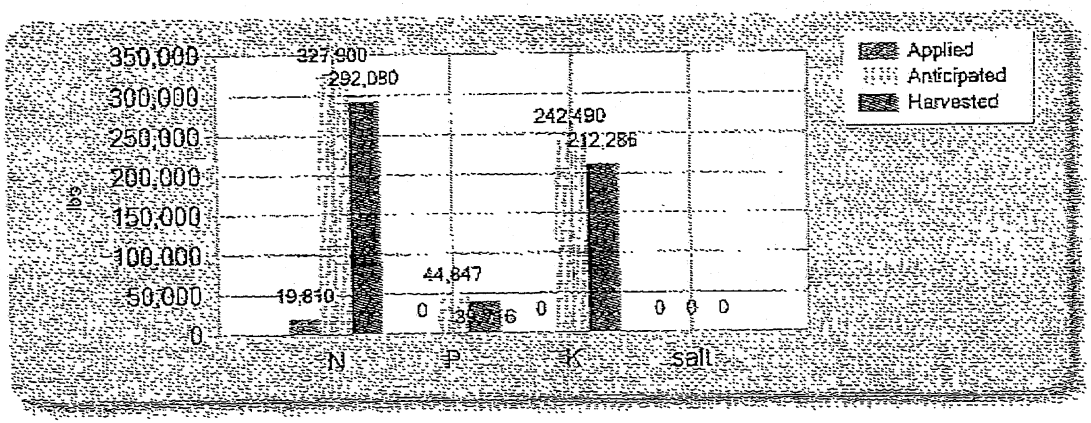
NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

A. SUMMARY OF NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Irrigation water	0.00	0.00	0.00	0.00
Atmospheric deposition	19,810.00	0.00	0.00	0.00
Total nutrients applied	19,810.00	0.00	0.00	0.00
Anticipated crop nutrient removal	327,900.00	44,847.00	242,490.00	0.00
Actual crop nutrient removal	292,080.00	39,716.30	212,285.60	0.00
Nutrient balance	-272,270.00	-39,716.30	-212,285.60	0.00
Applied to removed ratio	0.07	0.00	0.00	0.00

B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL



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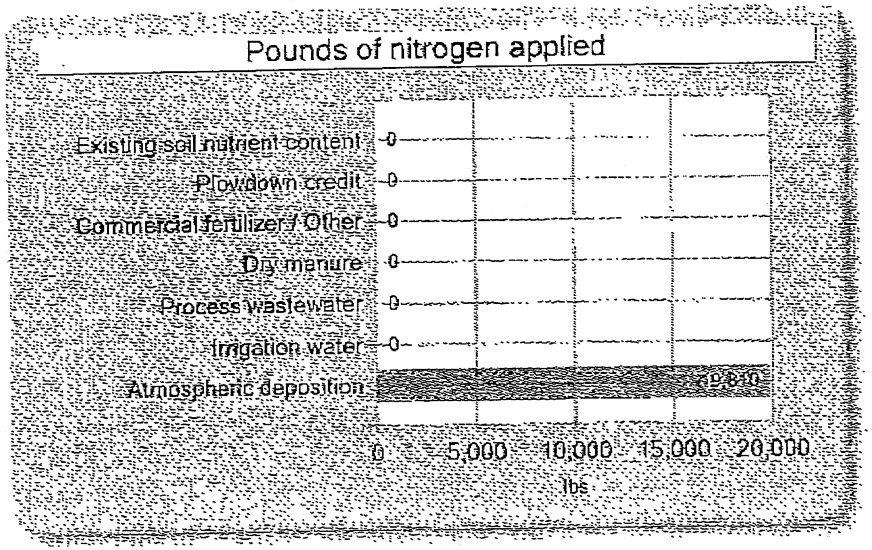
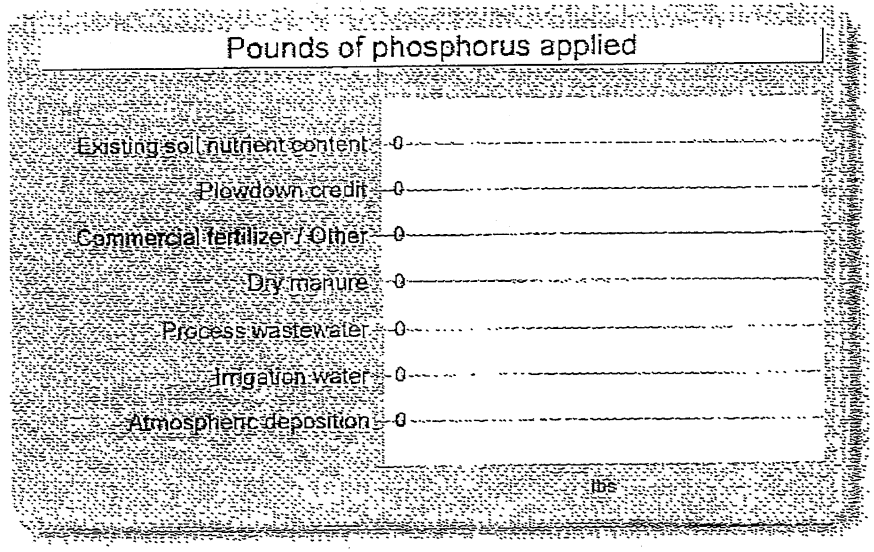
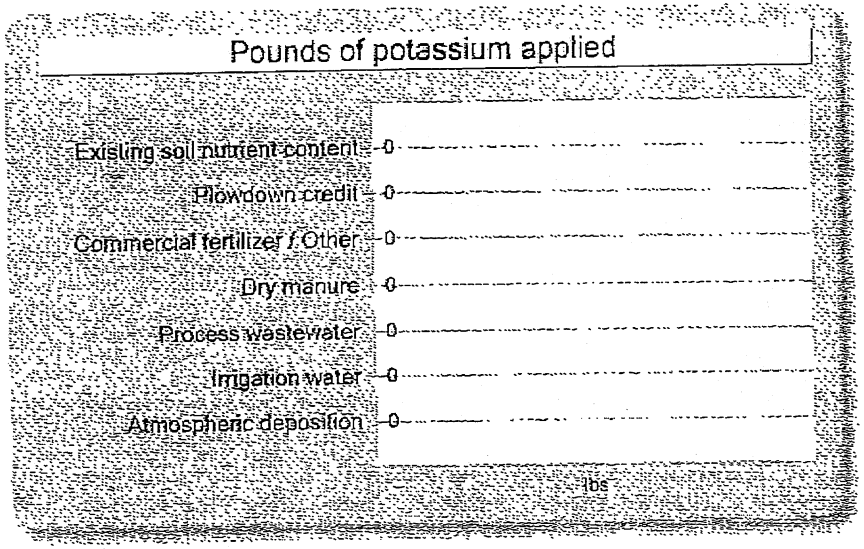
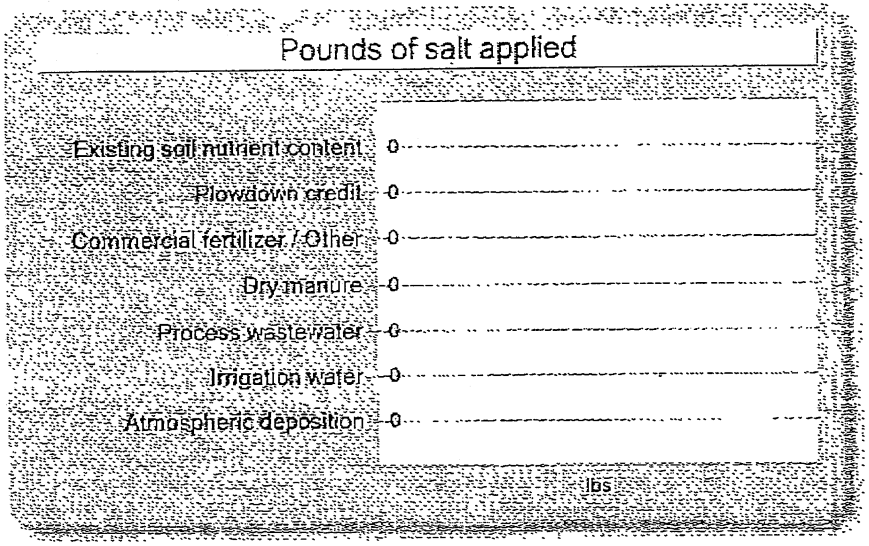
C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE









REPORT MAY BE INCOMPLETE, SEE VALIDATION ERRORS

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EXCEPTION REPORTING

A. MANURE AND PROCESS WASTEWATER DISCHARGES

The following is a summary of all manure and process wastewater discharges from the production area to surface water or to land areas (land application areas or otherwise) when not in accordance with the facility's Nutrient Management Plan.

No manure or process wastewater discharges occurred during the reporting period.

B. STORM WATER DISCHARGES

The following is a summary of all storm water discharges from the production area to surface water during the reporting period when not in accordance with the facility 's Nutrient Management Plan.

No stormwater discharges occurred during the reporting period.

C. LAND APPLICATION AREA TO SURFACE WATER DISCHARGES

The following is a summary of all discharges from the land application area to surface water that have occurred during the reporting period when not in accordance with the facility's Nutrient Management Plan.

No land application area to surface water discharges occurred during the reporting period.

NUTRIENT MANAGEMENT PLAN STATEMENT

A. NUTRIENT MANAGEMENT PLAN STATEMENT

Was the facility's NMP updated in the reporting period?	Yes
Was the facility's NMP developed by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order?	No
Was the facility's NMP approved by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order?	No

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ADDITIONAL NOTES

A. NOTES

No notes entered for this annual report.

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ANNUAL REPORT VALIDATION INFORMATION

A. VALIDATION ERRORS

The following sections contain validation errors and should be reviewed before submitting the Annual Report:

1. Land Application Events

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Annual Report - General Order No. R5-2007-0035
Reporting period 01/01/2008 to 12/31/2008.

CERTIFICATION

A. OWNER AND/OR OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OWNER OF FACILITY	SIGNATURE OF OPERATOR OF FACILITY
David Albers	SAME AS OWNER
PRINT OR TYPE NAME	PRINT OR TYPE NAME
DATE	DATE

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