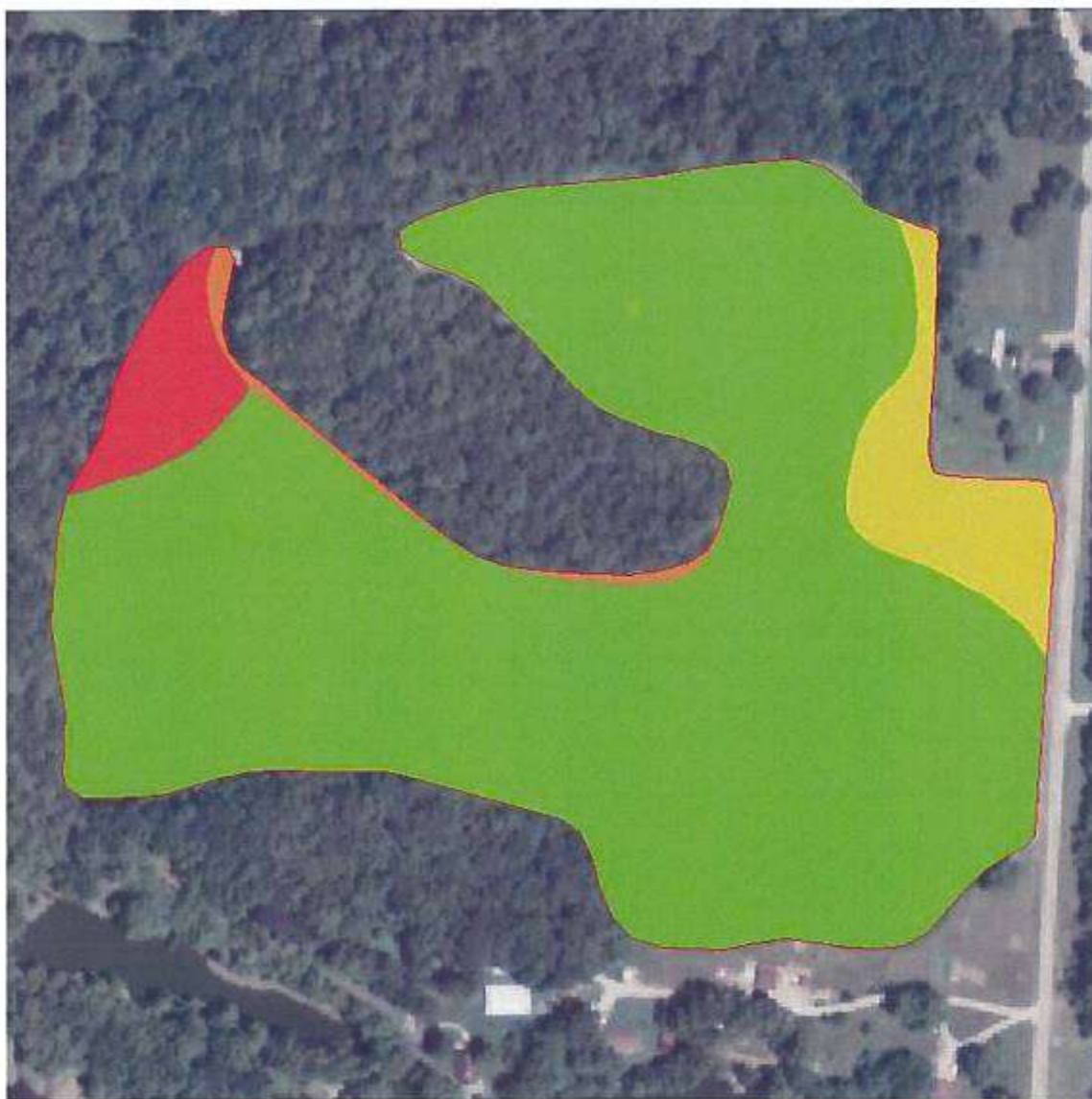


Data Manager

Soil Type Map

Grower: Alzman and Bishop Farms Inc
Farm: All
Field: Goose Pond 25 Ac
Acres: 25.34

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255



Label	Acres	Soil Description	Corn	Soy	Oats
AvB2	1.02	Ava silt loam, 2 to 6 percent slopes, eroded	90.00	32.00	0.00
FcG	0.28	Fairpoint very parachannery loam, 35 to 90 percent slopes	0.00	0.00	0.00
ScA	1.62	Shakamak silt loam, 1 to 3 percent slopes	105.00	37.00	0.00
VgA	22.42	Vigo silt loam, 0 to 2 percent slopes	120.00	42.00	0.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

ISSUED: 5:25pm EDT May 2, 2016
A Product of Agfleet Version 3.00

Field Sampler

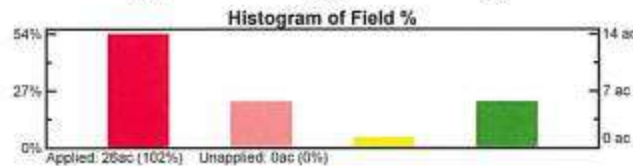
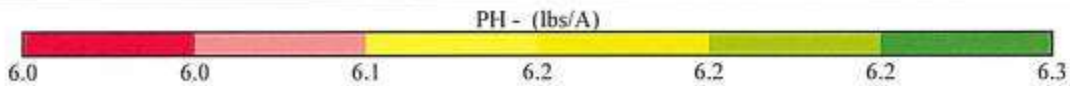
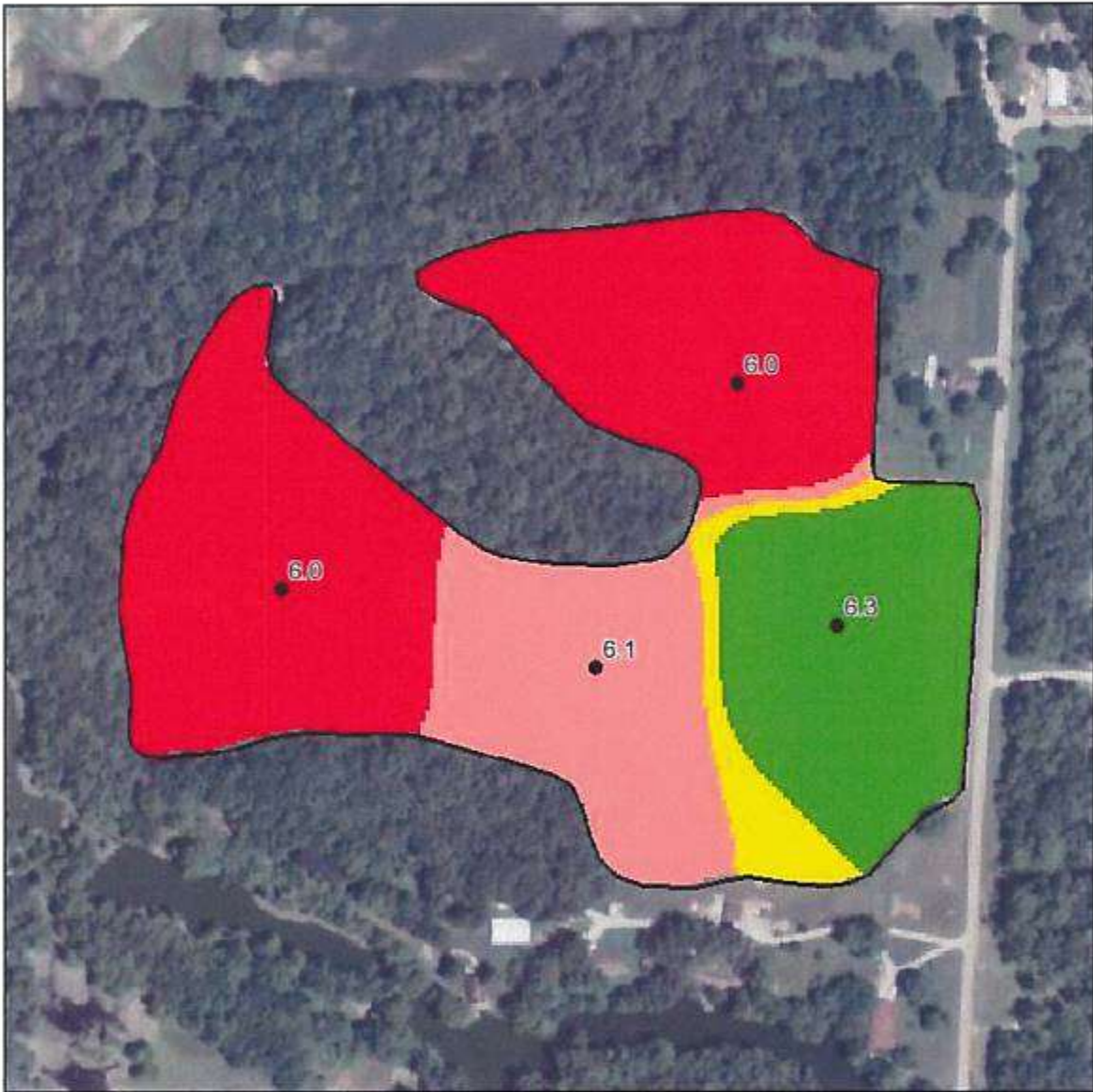
PH - Lab Analysis

Grower: Alsmann and Bishop Farms Inc
Farm: All
Acres: 25.34
Min: 6.0
Max: 6.3
Avg: 6.1

Field(s):
Goose Pond 25 Ac

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255

Greene County



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
ANALYSIS BY: Waters Lab KY
SAMPLE DATE: 2016-04-25
CONTOUR METHOD: R4 CW Interpolation
ISSUED: 5:25pm EDT May 2, 2016
A Product of Agfleet Version 3.00

Field Sampler

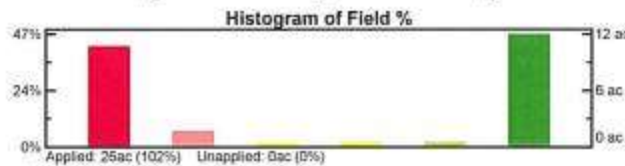
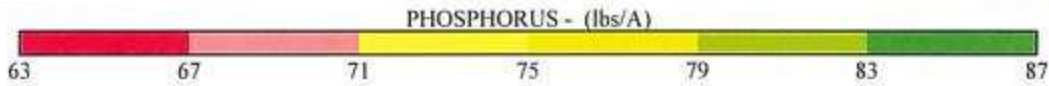
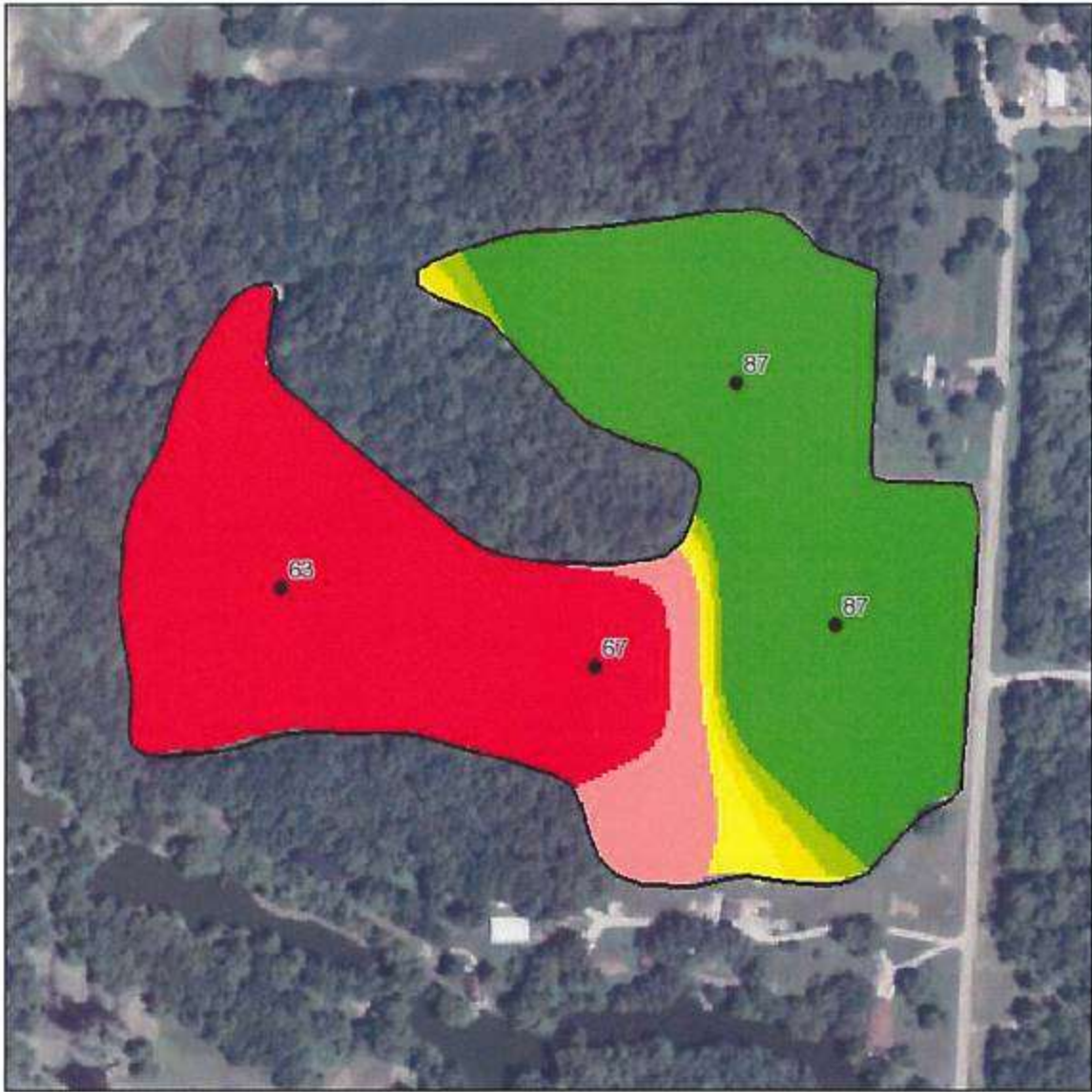
PHOSPHORUS - Lab Analysis

Grower: Alzman and Bishop Farms Inc
Farm: All
Acres: 25.34
Min: 63.0
Max: 87.0
Avg: 75.6

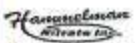
Field(s):
Goose Pond 25 Ac

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47526
PHONE: 812-328-6255

Greene County



SAMPLE METHOD: 5 ac Grid
ANALYSIS BY: Waters Lab KY
SAMPLE DATE: 2016-04-25
CONTOUR METHOD: R4 CW Interpolation
ISSUED: 5:25pm EDT May 2, 2016
A Product of Agfleet Version 3.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

Field Sampler

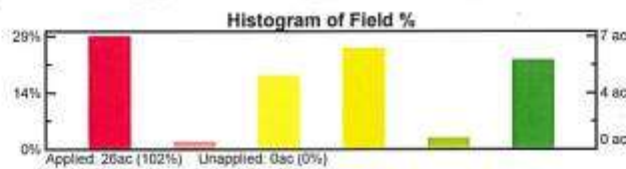
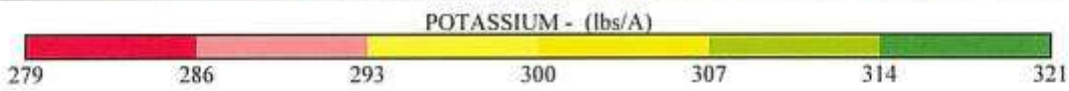
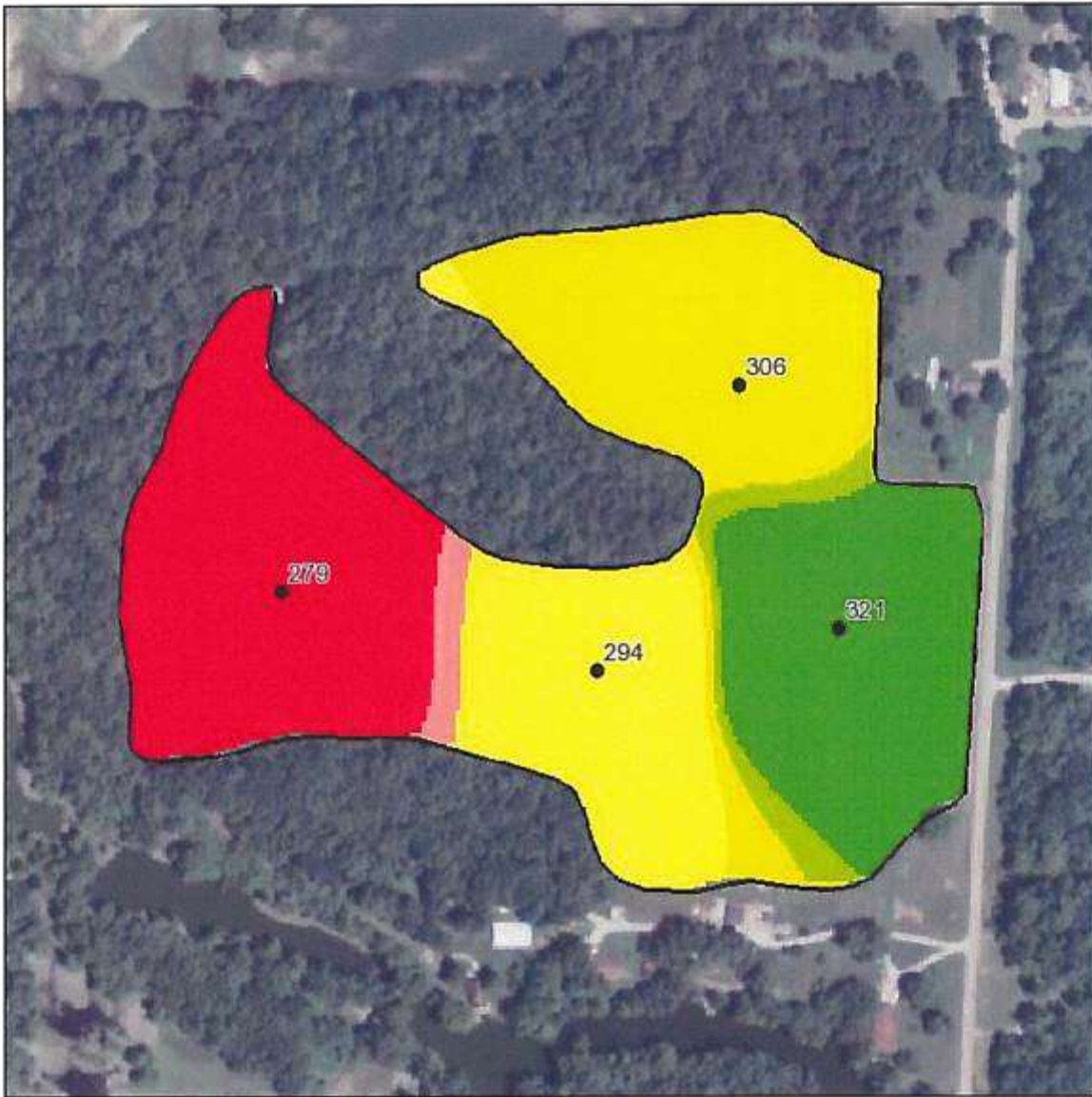
POTASSIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 25.34
 Min: 279.0
 Max: 321.0
 Avg: 299.2

Field(s):
 Goose Pond 25 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



Applied: 26ac (102%) Unapplied: 0ac (0%)



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:25pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

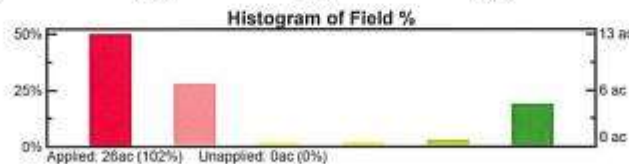
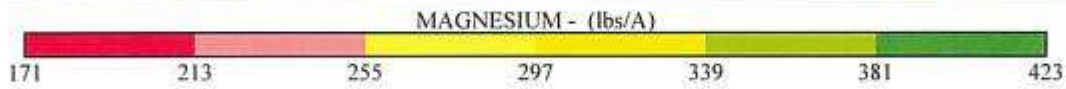
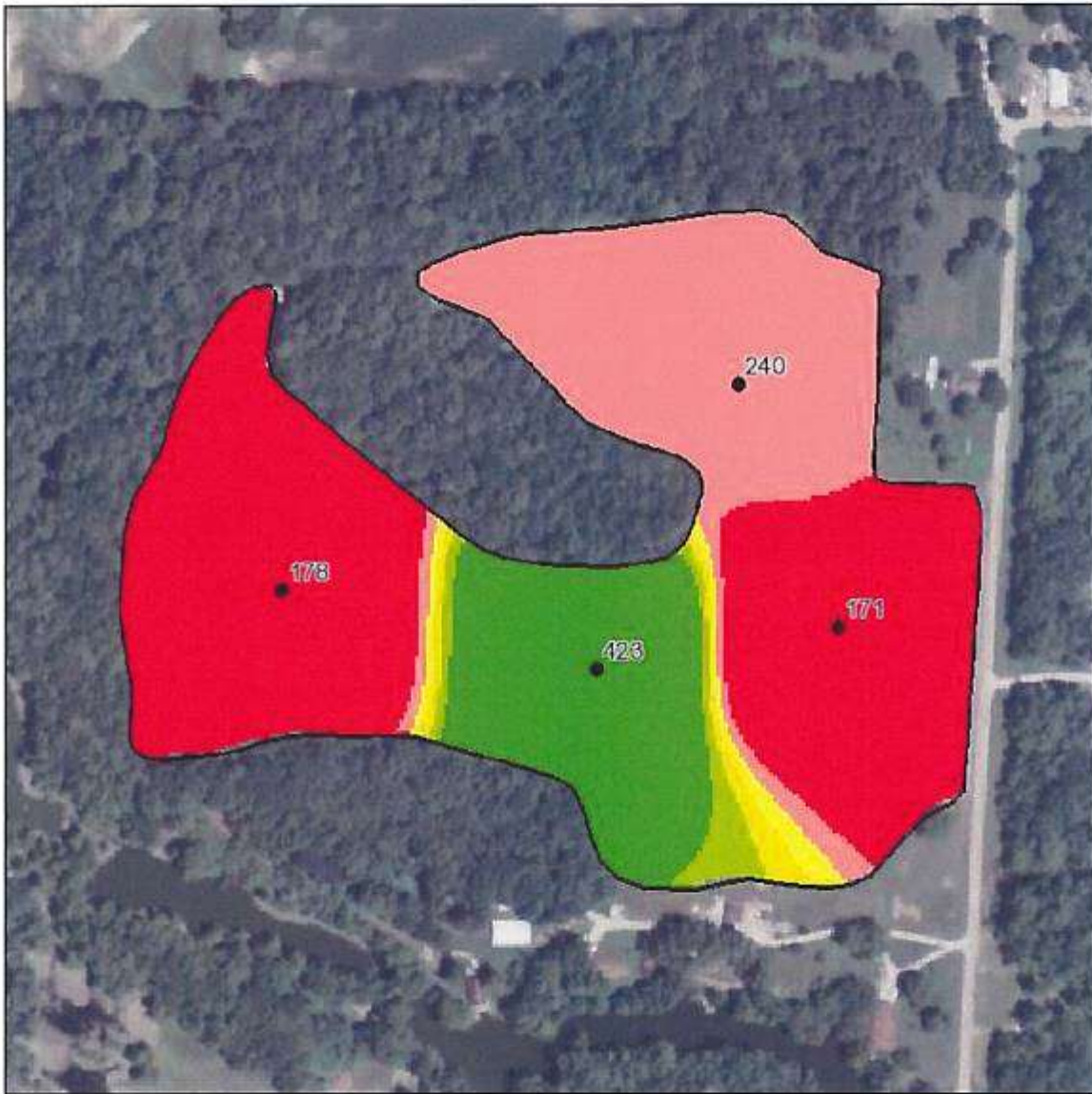
MAGNESIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
Farm: All
Acres: 25.34
Min: 171.0
Max: 423.0
Avg: 245.9

Field(s):
Goose Pond 25 Ac

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255

Greene County



SAMPLE METHOD: 5 ac Grid
ANALYSIS BY: Waters Lab KY
SAMPLE DATE: 2016-04-25
CONTOUR METHOD: R4 CW Interpolation
ISSUED: 5:26pm EDT May 2, 2016
A Product of Agfleet Version 3.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

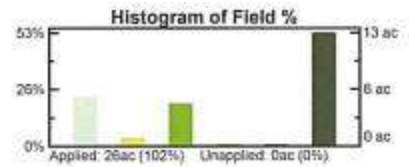
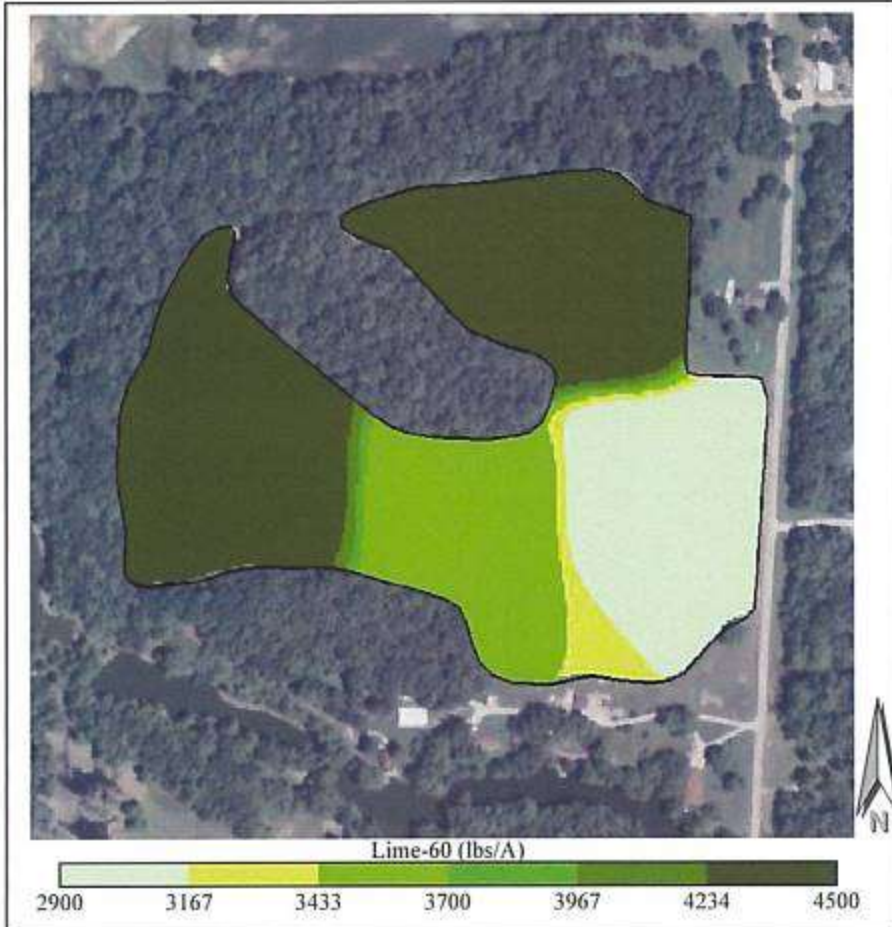
Field Sampler

Lime-60 Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Grower: Aisman and Bishop Farms...
 Farm: All
 Field(s): Goose Pond 25 Ac
 Acres: 25.34

Crop: Corn
 Equation: Lime RNV
 Yield Goal: 175
 Variety: Grain
 Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	7000.00
Minimum Application Rate:	1.45 tons/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	2.25 tons/A	Est Lime-60 Cost/Ton:	\$ 0.00
Field Average Rate:	1.98 tons/A	Est Lime-60 Total Cost:	\$ 0.00
Total Applied Acreage:	25.34	Est Lime-60 Cost/Acre:	\$ 0.00
Total Field Acreage:	25.34	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	100312.2	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	50.16	Est Combined Cost:	\$ 0.00

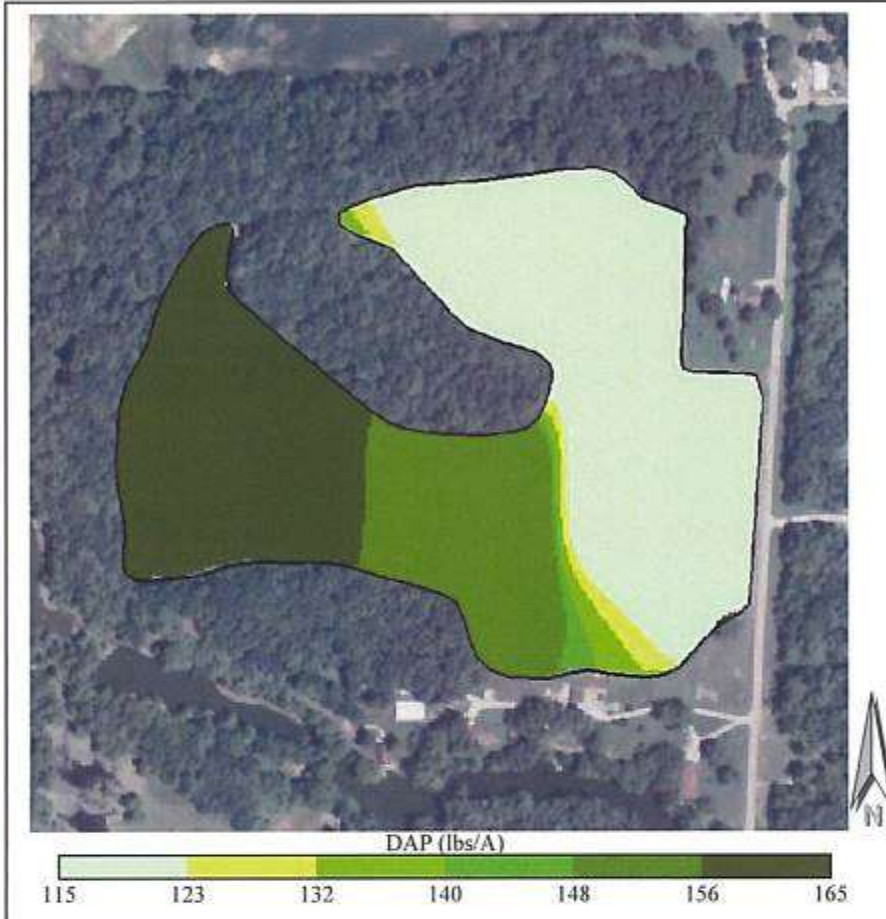
Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:26pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

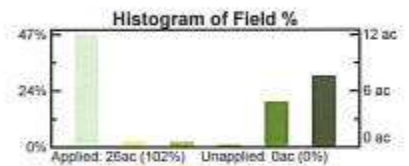
Field Sampler

DAP Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Aisman and Bishop Farms...
Farm: All
Field(s): Goose Pond 25 Ac
Acres: 25.34
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	115.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	165.0 lbs/A	Est DAP Cost/Ton:	\$ 0.00
Field Average Rate:	140.07 lbs/A	Est DAP Total Cost:	\$ 0.00
Total Applied Acreage:	25.34	Est DAP Cost/Acre:	\$ 0.00
Total Field Acreage:	25.34	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	3549.3	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	1.77	Est Combined Cost:	\$ 0.00

Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:26pm EDT May 2, 2016
 A Product of Agfleet Version 3.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

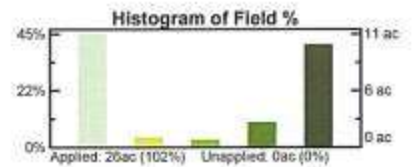
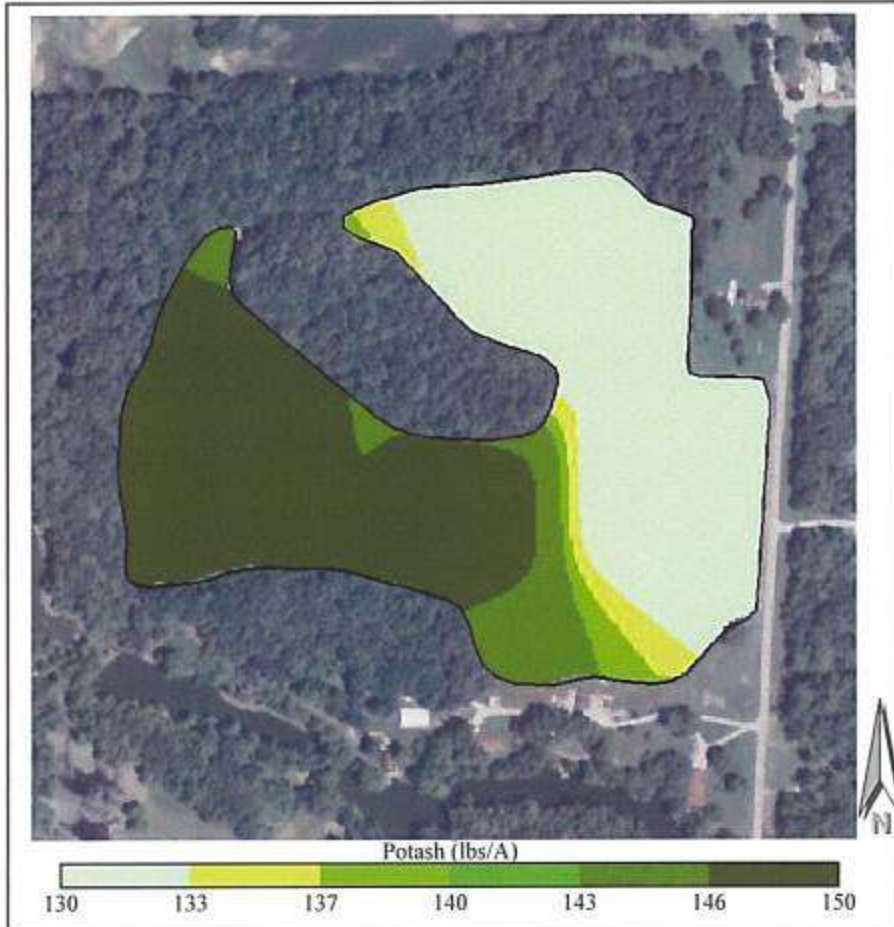
Field Sampler

Potash Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47526
 PHONE: 812-328-6255

Grower: Alzman and Bishop Farms...
 Farm: All
 Field(s): Goose Pond 25 Ac
 Acres: 25.34

Crop: Corn
 Equation: Lime RNV
 Yield Goal: 175
 Variety: Grain
 Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	130.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	150.0 lbs/A	Est Potash Cost/Ton:	\$ 0.00
Field Average Rate:	141.73 lbs/A	Est Potash Total Cost:	\$ 0.00
Total Applied Acreage:	25.34	Est Potash Cost/Acre:	\$ 0.00
Total Field Acreage:	25.34	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	3591.5	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	1.80	Est Combined Cost:	\$ 0.00

Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:26pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

Fertilizer Application Summary

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Field(s): Goose Pond 25 Ac
 Acres: 25.34
 Greene County

Crop: Corn
 Yield Goal: 175
 Variety: Grain
 Equation: Lime RNV

Selected Parameters

Product	Type	Rec %	Max Rate	Min Rate	+/- Rate	Min Mch Rt	Min Non-0	+/- ele
Potash	Potassium	--	400 lbs/A	--	--	80 lbs/A	--	--
Lime-60	Calcium	--	7000 lbs/A	--	--	2000 lbs/A	--	--
DAP	Phosphorus	--	400 lbs/A	--	--	80 lbs/A	--	--

Product	Wt App (LBS)	Wt App (Tons)	Prod Cost/Ton	App Cost/Acre	Est Cost	Est Cost/Acre
Potash	3591.5	1.80	\$0.00	\$0.00	\$0.00	\$0.00
Lime-60	100312.2	50.16	\$0.00	\$0.00	\$0.00	\$0.00
DAP	3549.3	1.77	\$0.00	\$0.00	\$0.00	\$0.00

TOTALS: \$0.00 \$0.00



Data Manager

Soil Type Map

Grower: Alzman and Bishop Farms Inc
Farm: All
Field: The 30 Ac
Acres: 29.25

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Label	Acres	Soil Description	Corn	Soy	Oats
AvB2	6.16	Ava silt loam, 2 to 6 percent slopes, eroded	90.00	32.00	0.00
Bo	4.29	Bonnie silt loam, frequently flooded	110.00	39.00	0.00
Pf	8.33	Peoga silt loam	120.00	42.00	0.00
PkB2	3.17	Pike silt loam, 2 to 6 percent slopes, eroded	115.00	40.00	0.00
ScA	3.51	Shakamak silt loam, 1 to 3 percent slopes	105.00	37.00	0.00
VgA	3.79	Vigo silt loam, 0 to 2 percent slopes	120.00	42.00	0.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

ISSUED: 5:34pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

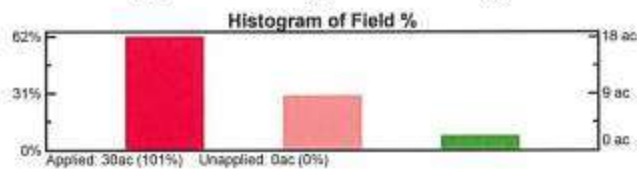
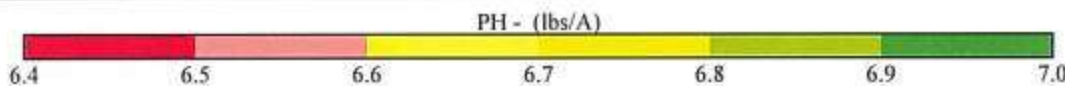
PH - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 29.25
 Min: 6.4
 Max: 7.0
 Avg: 6.5

Field(s):
 The 30 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:34pm EDT May 2, 2016
 A Product of Agfeet Version 3.00

Field Sampler

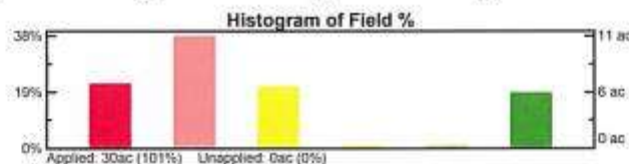
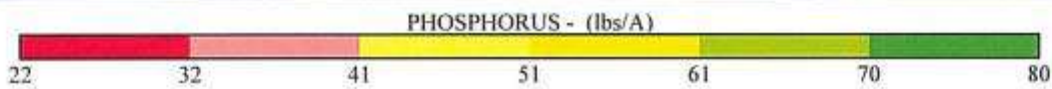
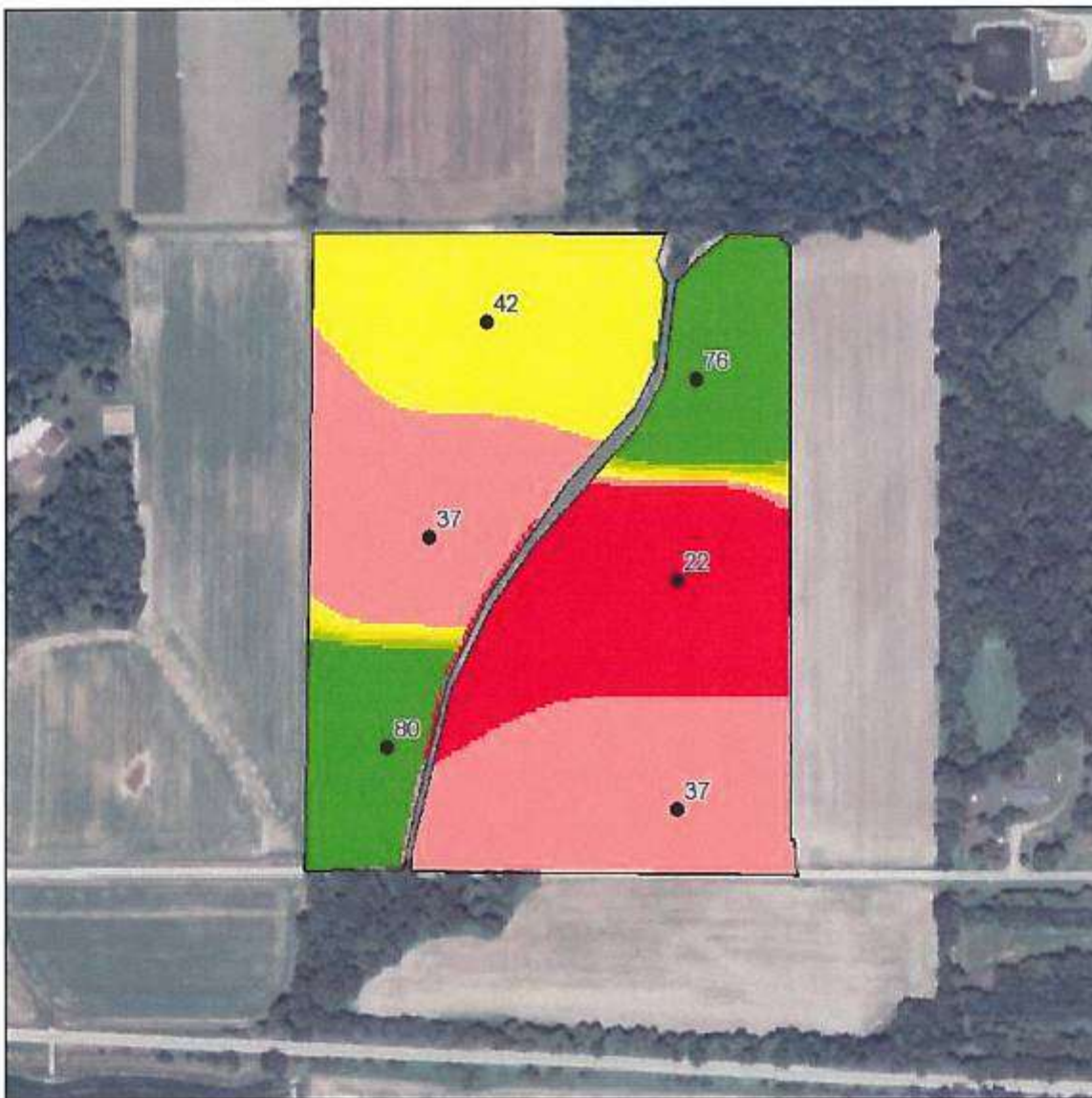
PHOSPHORUS - Lab Analysis

Grower: Aisman and Bishop Farms Inc
 Farm: All
 Acres: 29.25
 Min: 22.0
 Max: 80.0
 Avg: 43.3

Field(s):
 The 30 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:34pm EDT May 2, 2016
 A Product of Agfleet Version 3.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

Field Sampler

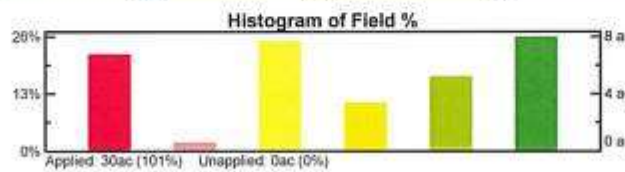
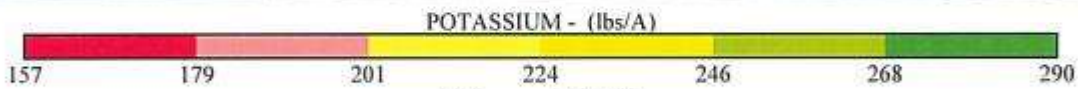
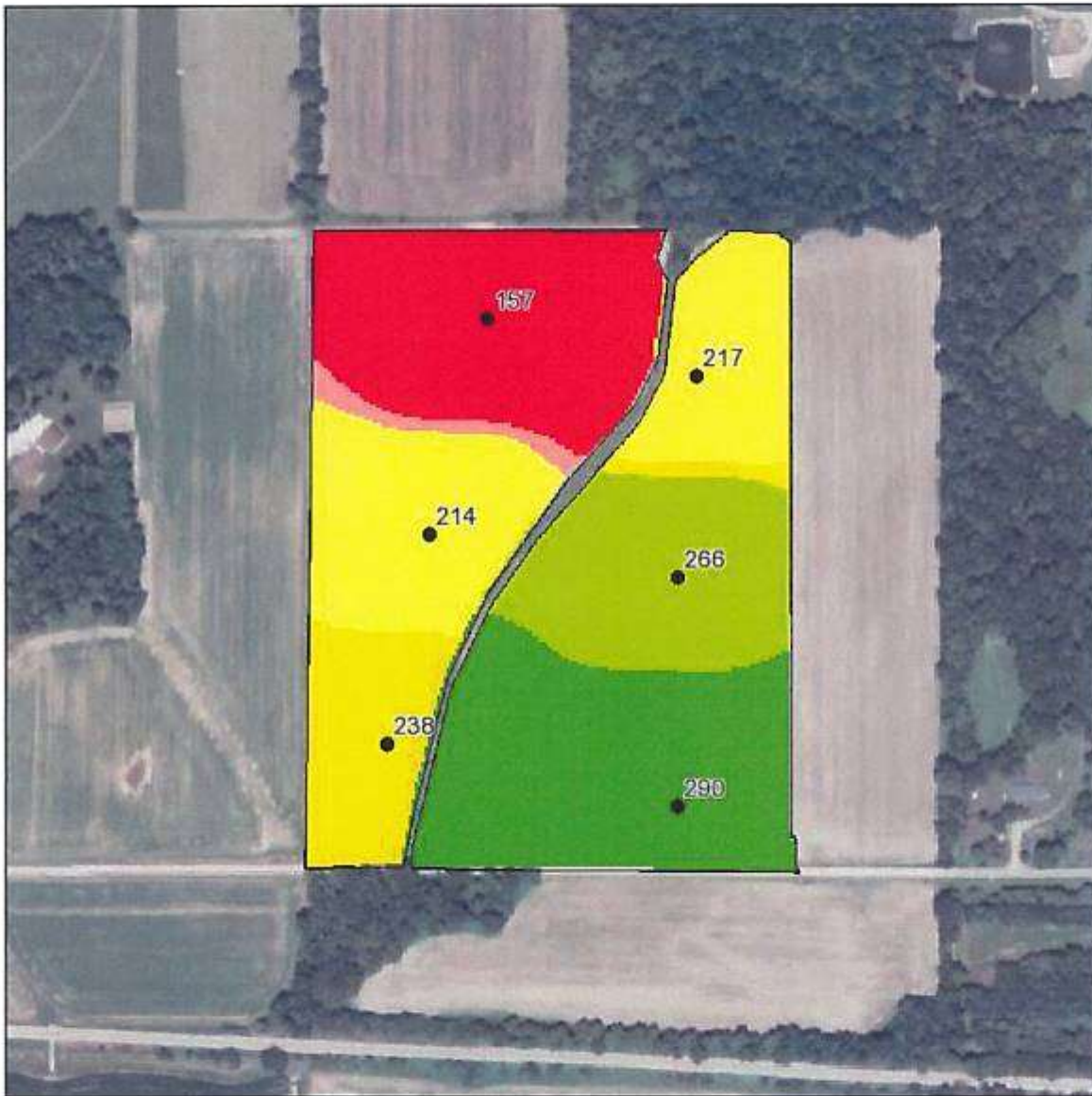
POTASSIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
Farm: All
Acres: 29.25
Min: 157.0
Max: 290.0
Avg: 230.9

Field(s):
The 30 Ac

Hammelmann Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255

Greene County



Applied 30ac (101%) Unapplied 0ac (0%)



Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
ANALYSIS BY: Waters Lab KY
SAMPLE DATE: 2016-04-25
CONTOUR METHOD: R4 CW Interpolation
ISSUED: 5:34pm EDT May 2, 2016
A Product of Agfleet Version 3.00

Field Sampler

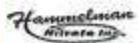
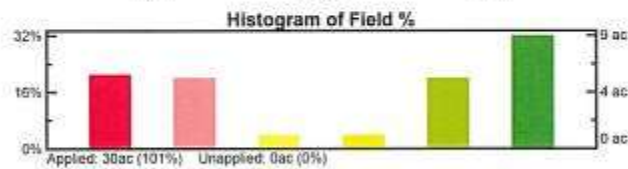
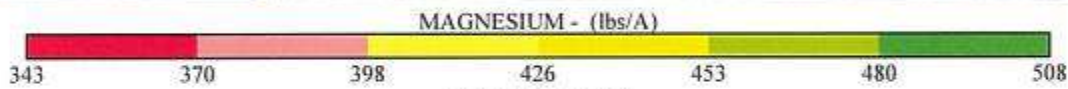
MAGNESIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 29.25
 Min: 343.0
 Max: 508.0
 Avg: 429.1

Field(s):
 The 30 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



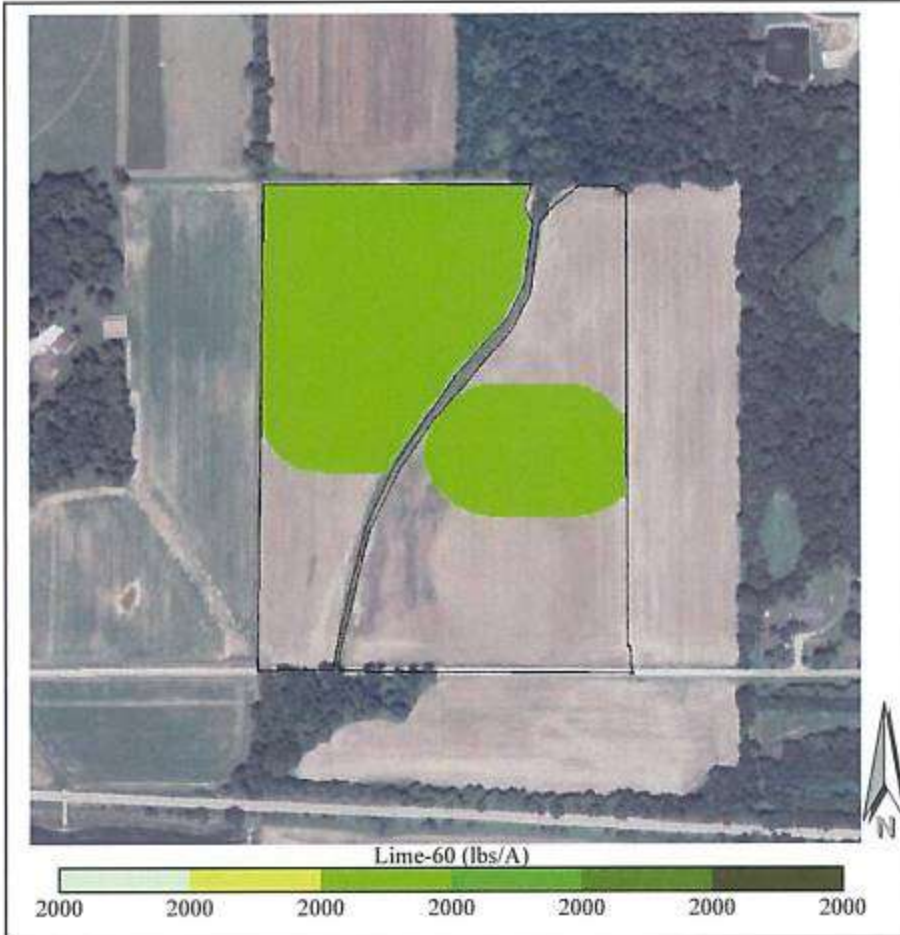
Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:34pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

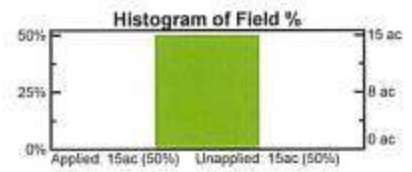
Field Sampler

Lime-60 Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Alzman and Bishop Farms...
Farm: All
Field(s): The 30 Ac
Acres: 29.25
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0

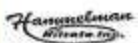


***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	7000.00
Minimum Application Rate:	1.00 tons/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	1.00 tons/A	Est Lime-60 Cost/Ton:	\$ 0.00
Field Average Rate:	0.50 tons/A	Est Lime-60 Total Cost:	\$ 0.00
Total Applied Acreage:	14.50	Est Lime-60 Cost/Acre:	\$ 0.00
Total Field Acreage:	29.25	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	29054.6	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	14.53	Est Combined Cost:	\$ 0.00

Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:35pm EDT May 2, 2016
 A Product of Agfleet Version 3.00



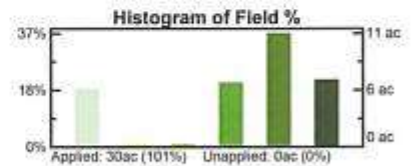
Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

Field Sampler

DAP Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Grower: Alsman and Bishop Farms...
Farm: All
Field(s): The 30 Ac
Acres: 29.25
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	130.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	255.0 lbs/A	Est DAP Cost/Ton:	\$ 0.00
Field Average Rate:	208.41 lbs/A	Est DAP Total Cost:	\$ 0.00
Total Applied Acreage:	29.25	Est DAP Cost/Acre:	\$ 0.00
Total Field Acreage:	29.25	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	6095.9	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	3.05	Est Combined Cost:	\$ 0.00

Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:35pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

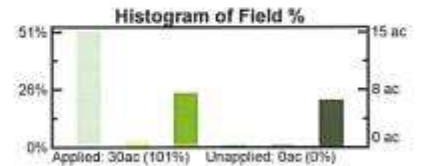
Field Sampler

Potash Fertilizer Application

Hammelmaier Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Alzman and Bishop Farms...
Farm: All
Field(s): The 30 Ac
Acres: 29.25
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	150.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	310.0 lbs/A	Est Potash Cost/Ton:	\$ 0.00
Field Average Rate:	205.56 lbs/A	Est Potash Total Cost:	\$ 0.00
Total Applied Acreage:	29.25	Est Potash Cost/Acre:	\$ 0.00
Total Field Acreage:	29.25	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	6012.5	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	3.01	Est Combined Cost:	\$ 0.00

Greene County



Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:35pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

Fertilizer Application Summary

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Grower: Alsman and Bishop Farms Inc
 Farm: All
 Field(s): The 30 Ac
 Acres: 29.25
 Greene County

Crop: Corn
 Yield Goal: 175
 Variety: Grain
 Equation: Lime RNV

Selected Parameters

Product	Type	Rec %	Max Rate	Min Rate	+/- Rate	Min Mch Rt	Min Non-O	+/- ele		
Potash	Potassium	--	400 lbs/A	--	--	80 lbs/A	--	--		
Lime-60	Calcium	--	7000 lbs/A	--	--	2000 lbs/A	--	--		
DAP	Phosphorus	--	400 lbs/A	--	--	80 lbs/A	--	--		

Product	Wt App (LBS)	Wt App (Tons)	Prod Cost/Ton	App Cost/Acre	Est Cost	Est Cost/Acre
Potash	6012.5	3.01	\$0.00	\$0.00	\$0.00	\$0.00
Lime-60	29054.6	14.53	\$0.00	\$0.00	\$0.00	\$0.00
DAP	6095.9	3.05	\$0.00	\$0.00	\$0.00	\$0.00

TOTALS: \$0.00 \$0.00



Data Manager

Soil Type Map

Grower: Alsmann and Bishop Farms Inc
Farm: All
Field: Keller 26 Ac
Acres: 26.62

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255



Label	Acres	Soil Description	Corn	Soy	Oats
■ AnB	9.22	Alvin-bloomfield complex, 2 to 6 percent slopes	80.00	28.00	0.00
■ Rb	8.34	Rensselaer sandy loam	135.00	47.00	0.00
■ Rd	2.76	Rensselaer loam	140.00	49.00	0.00
■ RmA	6.30	Roby sandy loam, 0 to 2 percent slopes	90.00	32.00	0.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

ISSUED: 5:26pm EDT May 2, 2016
A Product of Agfleet Version 3.00

Field Sampler

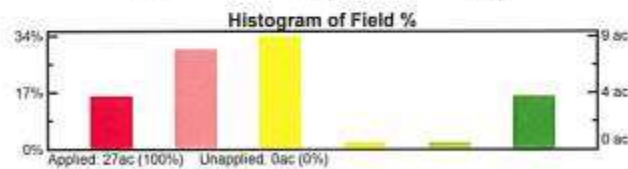
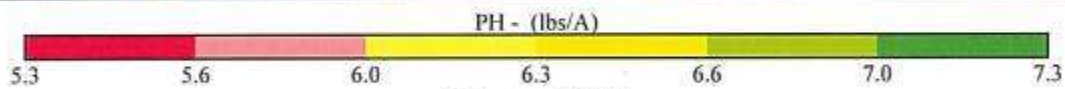
PH - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 26.62
 Min: 5.3
 Max: 7.3
 Avg: 6.1

Field(s):
 Keller 26 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:26pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

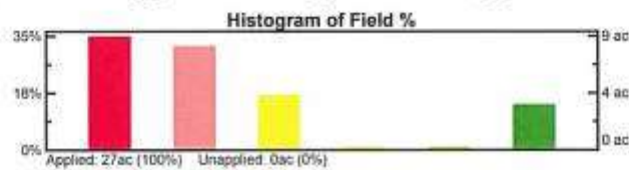
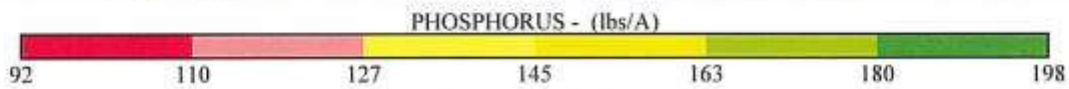
PHOSPHORUS - Lab Analysis

Grower: Alzman and Bishop Farms Inc
Farm: All
Acres: 26.62
Min: 92.0
Max: 198.0
Avg: 125.3

Field(s):
Keller 26 Ac

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255

Greene County



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
ANALYSIS BY: Waters Lab KY
SAMPLE DATE: 2016-04-25
CONTOUR METHOD: R4 CW Interpolation
ISSUED: 5:27pm EDT May 2, 2016
A Product of Agfleet Version 3.00

Field Sampler

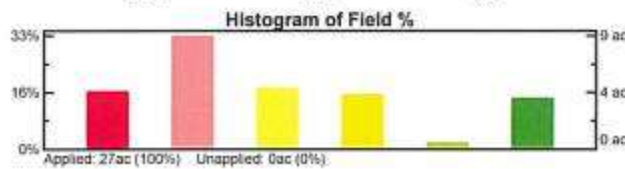
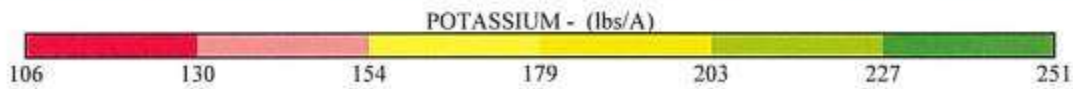
POTASSIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 26.62
 Min: 106.0
 Max: 251.0
 Avg: 167.1

Field(s):
 Keller 26 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:27pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

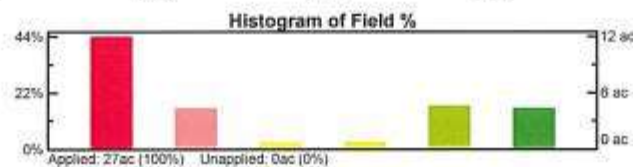
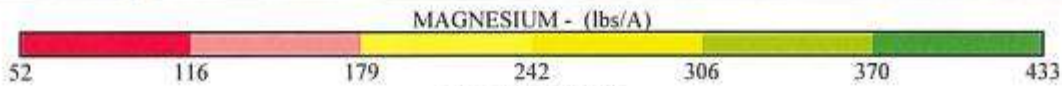
MAGNESIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 26.62
 Min: 52.0
 Max: 433.0
 Avg: 198.0

Field(s):
 Keller 26 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:27pm EDT May 2, 2016
 A Product of Agfeet Version 3.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

Field Sampler

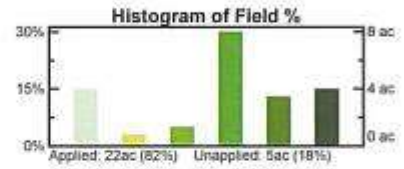
Lime-60 Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Alzman and Bishop Farms...
Farm: All
Field(s): Keller 26 Ac
Acres: 26.62

Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	7000.00
Minimum Application Rate:	1.00 tons/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	2.85 tons/A	Est Lime-60 Cost/Ton:	\$ 0.00
Field Average Rate:	1.65 tons/A	Est Lime-60 Total Cost:	\$ 0.00
Total Applied Acreage:	21.90	Est Lime-60 Cost/Acre:	\$ 0.00
Total Field Acreage:	26.62	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	88004.1	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	44.00	Est Combined Cost:	\$ 0.00

Greene County



Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:27pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

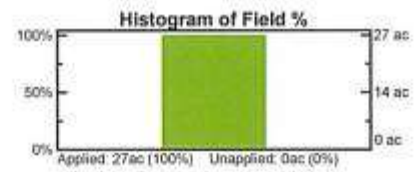
Field Sampler

DAP Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Aisman and Bishop Farms...
Farm: All
Field(s): Keller 26 Ac
Acres: 26.62
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	105.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	105.0 lbs/A	Est DAP Cost/Ton:	\$ 0.00
Field Average Rate:	105.21 lbs/A	Est DAP Total Cost:	\$ 0.00
Total Applied Acreage:	26.62	Est DAP Cost/Acre:	\$ 0.00
Total Field Acreage:	26.62	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	2800.6	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	1.40	Est Combined Cost:	\$ 0.00

Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:27pm EDT May 2, 2016
 A Product of Agfleet Version 3.00



Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

Field Sampler

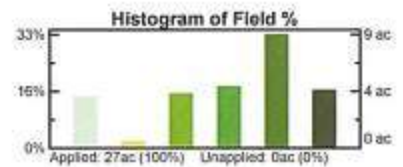
Potash Fertilizer Application

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Alzman and Bishop Farms...
Farm: All
Field(s): Keller 26 Ac
Acres: 26.62

Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	155.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	395.0 lbs/A	Est Potash Cost/Ton:	\$ 0.00
Field Average Rate:	295.39 lbs/A	Est Potash Total Cost:	\$ 0.00
Total Applied Acreage:	26.62	Est Potash Cost/Acre:	\$ 0.00
Total Field Acreage:	26.62	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	7863.3	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	3.93	Est Combined Cost:	\$ 0.00

Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:27pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

Fertilizer Application Summary

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Grower: Alsman and Bishop Farms Inc
 Farm: All
 Field(s): Keller 26 Ac
 Acres: 26.62
 Greene County

Crop: Corn
 Yield Goal: 175
 Variety: Grain
 Equation: Lime RNV

Selected Parameters									
Product	Type	Rec %	Max Rate	Min Rate	+/- Rate	Min Mch Rt	Min Non-0	+/- ele	
Potash	Potassium	--	400 lbs/A	--	--	80 lbs/A	--	--	
Lime-60	Calcium	--	7000 lbs/A	--	--	2000 lbs/A	--	--	
DAP	Phosphorus	--	400 lbs/A	--	--	80 lbs/A	--	--	

Product	Wt App (LBS)	Wt App (Tons)	Prod Cost/Ton	App Cost/Acre	Est Cost	Est Cost/Acre
Potash	7863.3	3.93	\$0.00	\$0.00	\$0.00	\$0.00
Lime-60	88004.1	44.00	\$0.00	\$0.00	\$0.00	\$0.00
DAP	2800.6	1.40	\$0.00	\$0.00	\$0.00	\$0.00

TOTALS: \$0.00 \$0.00



Data Manager

Soil Type Map

Grower: Alzman and Bishop Farms Inc
Farm: All
Field: Worthington 44 Ac
Acres: 44.12

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255



Label	Acres	Soil Description	Corn	Soy	Oats
AvB2	23.16	Ava silt loam, 2 to 6 percent slopes, eroded	90.00	32.00	0.00
ChC2	20.95	Cincinnati silt loam, channery substratum, 6 to 12 percent slopes, eroded	80.00	28.00	0.00



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

ISSUED: 5:37pm EDT May 2, 2016
A Product of Agfleet Version 3.00

Field Sampler

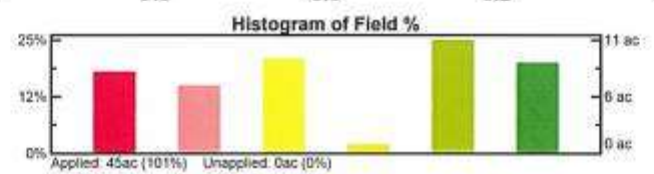
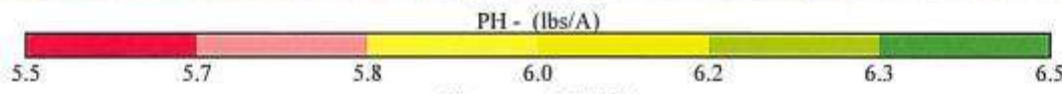
PH - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 44.12
 Min: 5.5
 Max: 6.5
 Avg: 6.0

Field(s):
 Worthington 44 Ac

Hammelman Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County




 Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:37pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

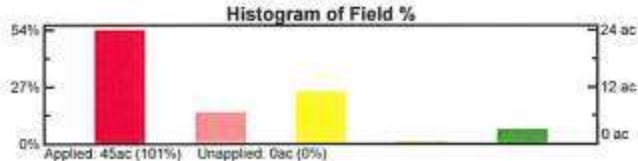
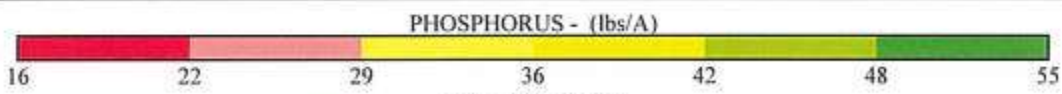
PHOSPHORUS - Lab Analysis

Grower: Alzman and Bishop Farms Inc
Farm: All
Acres: 44.12
Min: 16.0
Max: 55.0
Avg: 25.1

Field(s):
Worthington 44 Ac

Hammelman Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255

Greene County



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
ANALYSIS BY: Waters Lab KY
SAMPLE DATE: 2016-04-25
CONTOUR METHOD: R4 CW Interpolation
ISSUED: 5:38pm EDT May 2, 2016
A Product of Agfleet Version 3.00

Field Sampler

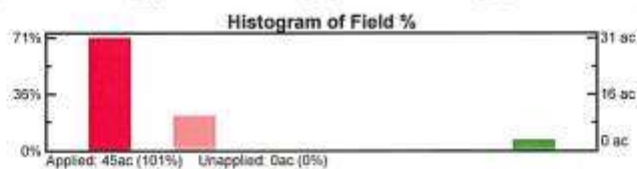
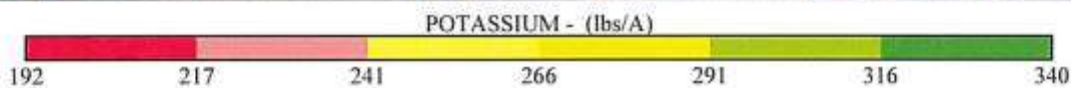
POTASSIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 44.12
 Min: 192.0
 Max: 340.0
 Avg: 221.1

Field(s):
 Worthington 44 Ac

Hammelmann Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:38pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

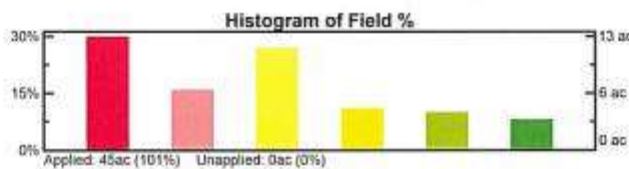
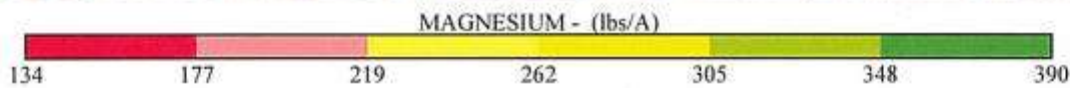
MAGNESIUM - Lab Analysis

Grower: Alzman and Bishop Farms Inc
 Farm: All
 Acres: 44.12
 Min: 134.0
 Max: 390.0
 Avg: 233.2

Field(s):
 Worthington 44 Ac

Hammelma Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Greene County



Copyright © 2016 Waters Ag Lab Inc. All Rights Reserved.

SAMPLE METHOD: 5 ac Grid
 ANALYSIS BY: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:38pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

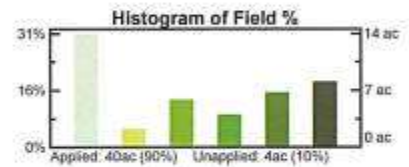
Field Sampler

Lime-60 Fertilizer Application

Hammelmann Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Alzman and Bishop Farms...
Farm: All
Field(s): Worthington 44 Ac
Acres: 44.12
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	7000.00
Minimum Application Rate:	1.00 tons/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	3.10 tons/A	Est Lime-60 Cost/Ton:	\$ 0.00
Field Average Rate:	1.81 tons/A	Est Lime-60 Total Cost:	\$ 0.00
Total Applied Acreage:	39.60	Est Lime-60 Cost/Acre:	\$ 0.00
Total Field Acreage:	44.12	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	159278.0	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	79.64	Est Combined Cost:	\$ 0.00

Greene County

NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:38pm EDT May 2, 2016
 A Product of Agfleet Version 3.00



Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

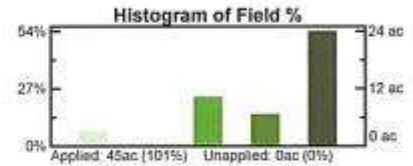
Field Sampler

DAP Fertilizer Application

Hammelmann Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255



Grower: Alzman and Bishop Farms...
Farm: All
Field(s): Worthington 44 Ac
Acres: 44.12
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	180.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	265.0 lbs/A	Est DAP Cost/Ton:	\$ 0.00
Field Average Rate:	249.32 lbs/A	Est DAP Total Cost:	\$ 0.00
Total Applied Acreage:	44.12	Est DAP Cost/Acre:	\$ 0.00
Total Field Acreage:	44.12	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	11000.0	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	5.50	Est Combined Cost:	\$ 0.00

Greene County



Copyright© 2016 Waters Ag Lab Inc. All Rights Reserved.

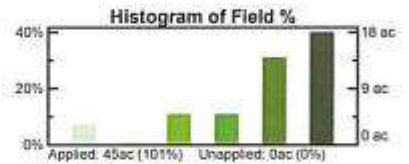
NAME: Kim Jenny
 RECOMMENDATION: Waters Lab KY
 SAMPLE DATE: 2016-04-25
 CONTOUR METHOD: R4 CW Interpolation
 ISSUED: 5:38pm EDT May 2, 2016
 A Product of Agfleet Version 3.00

Field Sampler

Potash Fertilizer Application

Hammelmann Nitrate, Inc
 10517 N. Freelandville Road
 Edwardsport, IN 47528
 PHONE: 812-328-6255

Grower: Alsman and Bishop Farms...
Farm: All
Field(s): Worthington 44 Ac
Acres: 44.12
Crop: Corn
Equation: Lime RNV
Yield Goal: 175
Variety: Grain
Tgt pH: 7.0



***Additional Info:** _____

Application			
Product		Cost	
Addition/Deduction(lbs/A):	None Entered	Per Acre Min(lbs/A):	None Entered
Percent of Original App:	100%	Per Acre Cap(lbs/A):	400.00
Minimum Application Rate:	130.0 lbs/A	Min Non-Zero Rate(lbs/A):	None Entered
Maximum Application Rate:	255.0 lbs/A	Est Potash Cost/Ton:	\$ 0.00
Field Average Rate:	216.45 lbs/A	Est Potash Total Cost:	\$ 0.00
Total Applied Acreage:	44.12	Est Potash Cost/Acre:	\$ 0.00
Total Field Acreage:	44.12	Est App Cost/Acre:	\$ 0.00
Total Field Acreage(lbs):	9549.7	Est Total App Cost:	\$ 0.00
Total Field Acreage(tons):	4.77	Est Combined Cost:	\$ 0.00

Greene County

Field Sampler

Fertilizer Application Summary

Hammelmann Nitrate, Inc
10517 N. Freelandville Road
Edwardsport, IN 47528
PHONE: 812-328-6255

Grower: Alzman and Bishop Farms Inc
Farm: All
Field(s): Worthington 44 Ac
Acres: 44.12
Greene County

Crop: Corn
Yield Goal: 175
Variety: Grain
Equation: Lime RNV

Selected Parameters

Product	Type	Rec %	Max Rate	Min Rate	+/- Rate	Min Mch Rt	Min Non-0	+/- ele		
Potash	Potassium	--	400 lbs/A	--	--	80 lbs/A	--	--		
Lime-60	Calcium	--	7000 lbs/A	--	--	2000 lbs/A	--	--		
DAP	Phosphorus	--	400 lbs/A	--	--	80 lbs/A	--	--		

Product	Wt App (LBS)	Wt App (Tons)	Prod Cost/Ton	App Cost/Acre	Est Cost	Est Cost/Acre
Potash	9549.7	4.77	\$0.00	\$0.00	\$0.00	\$0.00
Lime-60	159278.0	79.64	\$0.00	\$0.00	\$0.00	\$0.00
DAP	11000.0	5.50	\$0.00	\$0.00	\$0.00	\$0.00

TOTALS: \$0.00 \$0.00



