

HOLT FARM

VIRGINIA POLLUTION ABATEMENT APPLICATION

FORM D

MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI BIOSOLIDS APPLICATION AGREEMENT

This biosolids application agreement is made on 6/18/2008 between C. Steve Holt referred to here as "landowner", and referred to here as the "Permittee".

Landowner is the owner of agricultural land shown on the map attached as Exhibit A and designated there as ("landowner's land"). Permittee agrees to apply and landowner agrees to comply with certain permit requirements following application of biosolids on landowner's land in amounts and in a manner authorized by (VPA) (VPDES) permit number which is held by the Permittee.

Landowner acknowledges that the appropriate application of biosolids will be beneficial in providing fertilizer and soil conditioning to the property and consents to the application of biosolids on his property. Moreover, landowner acknowledges having been expressly advised that, in order to protect public health:

- 1. Public access to landowner's land upon which biosolids have been applied should be controlled for at least 30 days following any application of biosolids and no biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
2. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil, or 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation. Other food crops, feed crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
3. Following biosolids application to pasture or hayland sites, meat producing livestock should not be grazed or fed chopped foliage for 30 days and lactating dairy animals should be similarly restricted for a minimum of 60 days. Other animals should be restricted from grazing for 30 days;
4. Supplemental commercial fertilizer or manure applications should be coordinated with the biosolids applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia to be supplied to the landowner by the permittee at the time of application of biosolids to a specific permitted site;
5. Tobacco, because it has been shown to accumulate cadmium, should not be grown on landowner's land for three years following the application of biosolids borne cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).
6. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the permitting authority.

Permittee agrees to notify landowner or landowner designee of the proposed schedule for biosolids application and specifically prior to any particular application to landowner's land. This agreement may be terminated by either party upon written notice to the address specified below.

Landowner:

C. Steve Holt

C. Steve Holt

Permittee:

434 376 3944

Mailing Address:

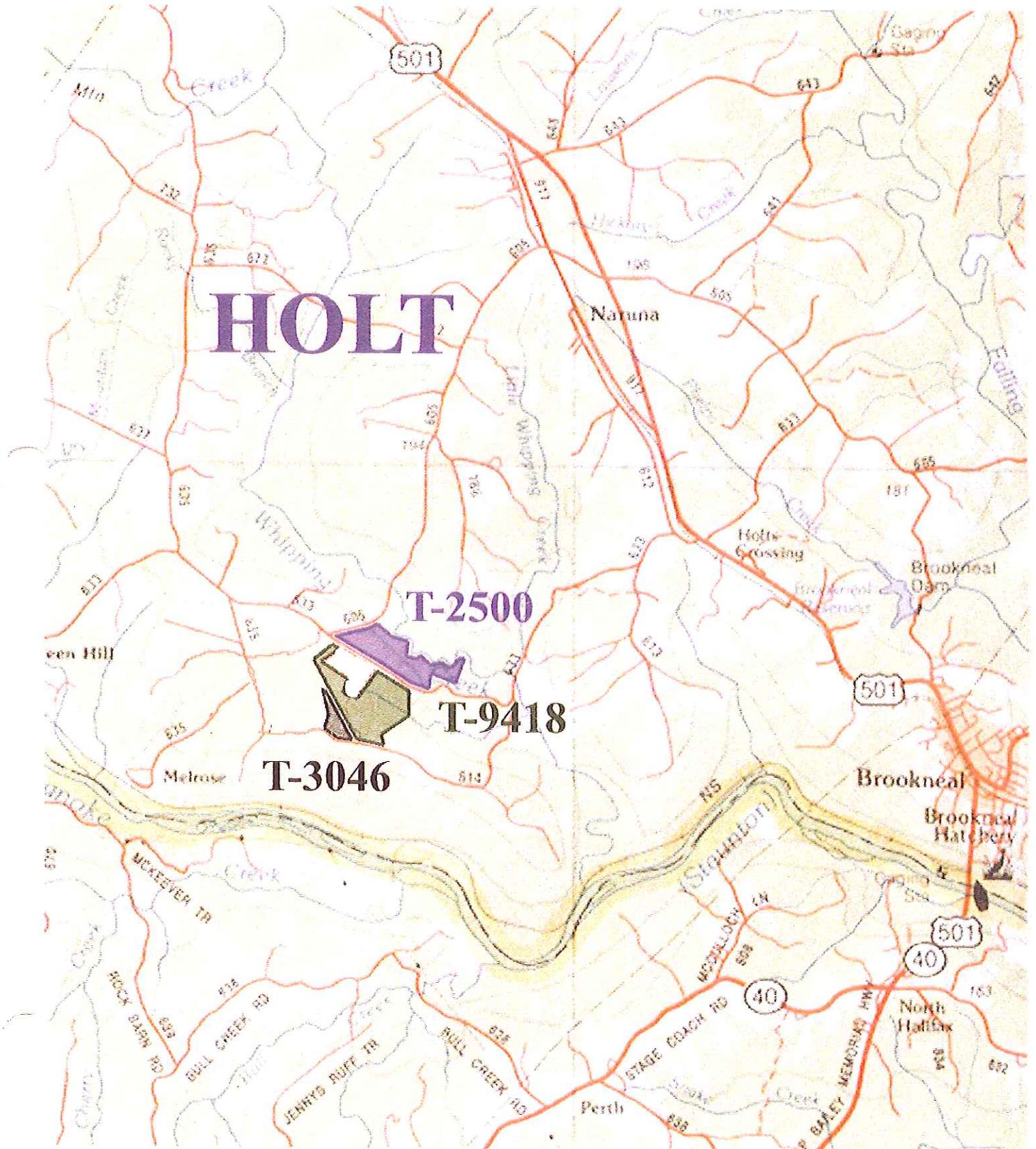
4982 Epsoms Rd.

Gladys, Va. 24554

Mailing Address:

NutriBlend

BIOSOLIDS LAND APPLICATION

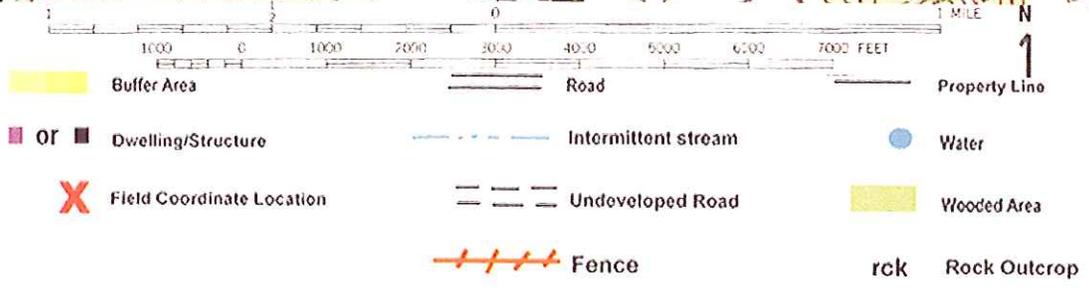
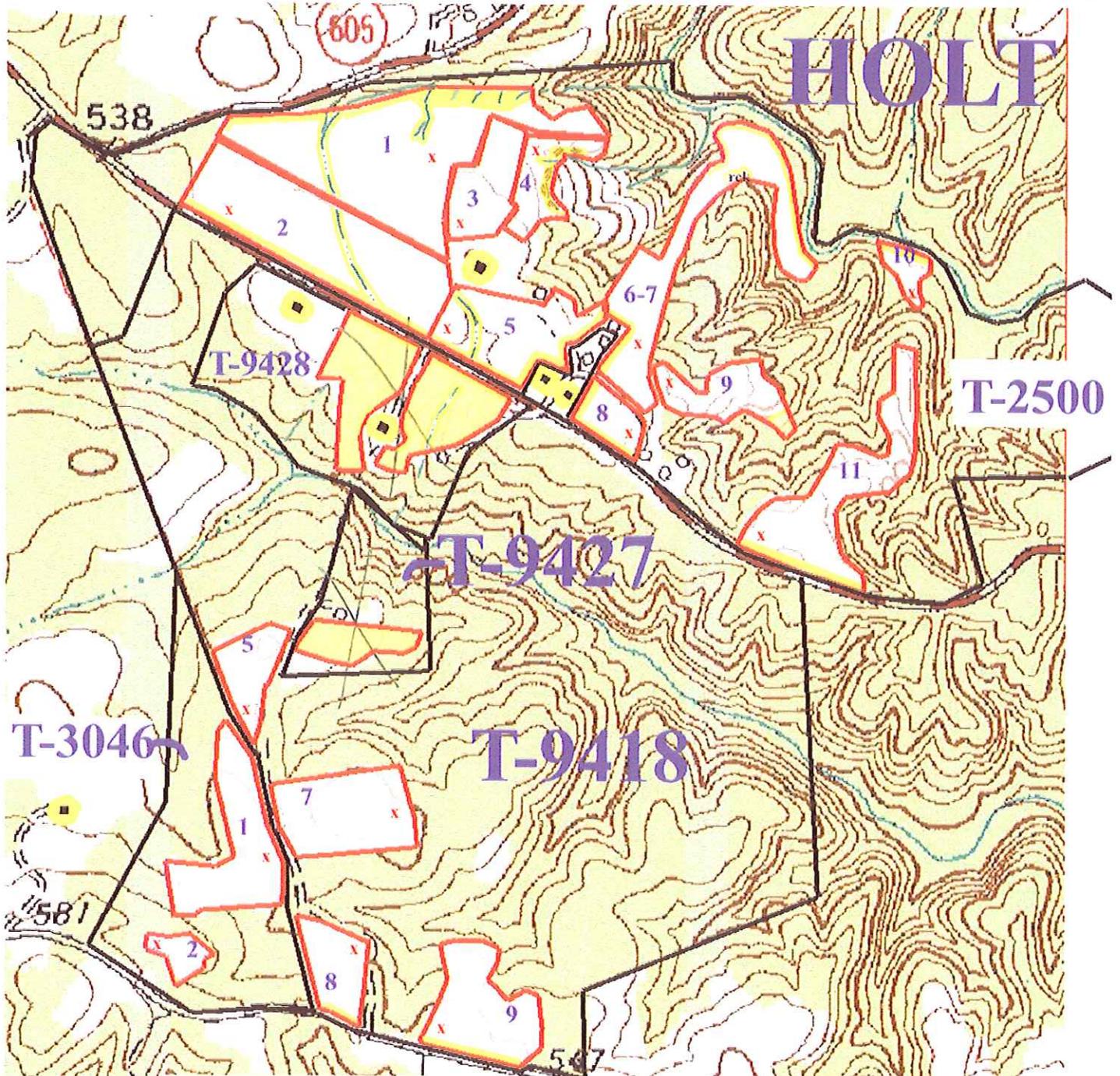


HOLT FARM
TRACTS T-2500, T-3046, T-9418, T-9427, T-9428

Nutri Blend

BIOSOLIDS LAND APPLICATION

HOLT



**HOLT FARM
TRACT T-2500
FIELD DATA SHEET**

Field	Total Acres	Net Acres	Soil Series	Productivity	
				Corn	Hay
1	13.2	11.0	VaB2* Vance fine sandy loam, 2-6% slopes AbB Abell fine sandy loam, 0-4% slopes ApC2 Appling fine sandy loam, 6-15% slopes AxE2 Appling-Wedowee fine sandy loam, 15-25% slopes	IVa	III
2	11.9	10.7	VaB2* Vance fine sandy loam, 2-6% slopes CcB2 Cecil fine sandy loam, 2-6% slopes AbB Abell fine sandy loam, 0-4% slopes	IVa	III
3	3.4	3.4	VaB2* Vance fine sandy loam, 2-6% slopes ApC2 Appling fine sandy loam, 6-15% slopes	IVa	III
4	3.3	2.0	ApC2* Appling fine sandy loam, 6-15% slopes VaB2 Vance fine sandy loam, 2-6% slopes AxE2 Appling-Wedowee fine sandy loam, 15-25% slopes	IVa	III
5	5.7	4.5	VaB2* Vance fine sandy loam, 2-6% slopes ApC2 Appling fine sandy loam, 6-15% slopes CcB2 Cecil fine sandy loam, 2-6% slopes	IVa	III
6,7	6.6	6.3	ApC2* Appling fine sandy loam, 6-15% slopes VaB2 Vance fine sandy loam, 2-6% slopes AxE2 Appling-Wedowee fine sandy loam, 15-25% slopes Ct Chewacla-Toccoa complex AwE2 Appling-Wedowee gravelly sandy loam, 15-25% slopes	IVa	III
8	2.0	1.0	VaB2* Vance fine sandy loam, 2-6% slopes	IVa	III
9	2.9	2.5	AgC* Appling grvly sndy loam, 6-15% slopes AwE2 Appling-Wedowee gravelly sandy loam, 15-25% slopes VaB2 Vance fine sandy loam, 2-6% slopes	IVa	III
10	1.2	1.1	Ct* Chewacla-Toccoa complex AwE2 Appling-Wedowee gravelly sandy loam, 15-25% slopes	IIa	I
11	7.7	7.2	AgC* Appling grvly sndy loam, 6-15% slopes AgB Appling gravelly sandy loam, 2-6% slopes AwE2 Appling-Wedowee gravelly sandy loam, 15-25% slopes VaB Vance fine sandy loam, 2-6% slopes	IVa	III
SUM	57.9	49.7			

FIELD	LATITUDE	LONGITUDE
1	37°03'89"	79°01'57"
2	37°03'81"	79°01'75"
3	37°03'81"	79°01'55"
4	37°03'87"	79°01'47"
5	37°03'72"	79°01'56"
6,7	37°03'71"	79°01'39"
8	37°03'63"	79°01'38"
9	37°03'69"	79°01'37"
10	37°03'74"	79°01'11"
11	37°03'57"	79°01'26"

Report Number:
R06265-0035
Account Number:
73874

A&L Eastern Laboratories, Inc.
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com



Send To: NUTRI-BLEND INC
POB 38060
RICHMOND, VA 23231

Grower: HOLT T-2500

Submitted By: TIM C

Farm ID: Field ID:

SOIL ANALYSIS REPORT

Analytical Method(s):
Mehlich III

Page: 1 Date Received: 9/21/2006 Date of Analysis: 9/22/2006 Date of Report: 9/25/2006

Sample Number	Lab Number	Organic Matter		Phosphorus		Potassium K ppm	Magnesium MG ppm	Calcium CA ppm	Sodium NA ppm	pH		Acidity H meq/100g	C.E.C. meq/100g	
		%	ENR lbs/A	Available ppm	Reserve ppm					Rate	Rate			Rate
1	18563	3.1	105	18	L	122	H	540	M	5.8	6.8	1.0	5.2	
2	18564	1.8	77	28	L	48	L	590	L	5.5	6.8	1.6	6.0	
3	18565	1.7	76	22	L	155	H	440	L	5.1	6.7	2.2	5.8	
4	18566	1.5	71	10	VL	136	H	560	L	5.3	6.7	2.1	6.6	
5	18567	1.6	72	56	H	96	M	660	L	5.4	6.7	1.9	6.7	
Sample Number	Percent Base Saturation						Zinc ZN ppm	Manganese MN ppm	Iron FE ppm	Copper CU ppm	Boron B ppm	Soluble Salts ms/cm	Chloride CL ppm	Aluminum AL ppm
	K %	Mg %	Ca %	Na %	H %	NO3-N ppm								
1	6.0	23.2	51.8		19.0									
2	2.0	23.4	48.8		25.8									
3	6.8	17.9	37.7		37.6									
4	5.3	21.4	42.3		31.0									
5	3.7	18.7	49.3		28.3									

Values on this report represent the plant available nutrients in the soil.
Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High).
ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams).
Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:
A & L EASTERN LABORATORIES, INC.
by: *Paul Chu*
Paul Chu, Ph.D.

Report Number:
R06265-0035
Account Number:
73874

A&L Eastern Laboratories, Inc.
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401
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Send To: NUTRI-BLEND INC
POB 38060
RICHMOND, VA 23231

Grower: HOLT T-2500

Submitted By: TIM C

Farm ID: Field ID:

SOIL ANALYSIS REPORT

Analytical Method(s):
Mehlich III

Page: 2 Date Received: 9/21/2006 Date of Analysis: 9/22/2006 Date of Report: 9/25/2006

Sample Number	Lab Number	Organic Matter		Phosphorus		Potassium		Magnesium		Calcium		Sodium		pH		Acidity		C.E.C.									
		%	ENR lbs/A	Rate	Reserve	Rate	K	Rate	MG	Rate	CA	Rate	NA	Rate	Soil pH	Buffer Index	H		meq/100g								
6-7	18568	1.7	75	L	40	M	63	L	185	H	710	M	5.8	6.8	1.2	6.5											
8	18569	3.0	101	M	34	M	77	M	175	H	740	M	5.9	6.8	1.1	6.5											
9	18570	3.0	99	M	28	L	97	M	230	VH	730	L	5.6	6.8	1.8	7.6											
10	18571	2.3	87	L	21	L	58	L	140	H	570	L	5.3	6.7	1.9	6.0											
11	18572	2.2	86	L	7	VL	80	M	170	VH	540	L	5.7	6.8	1.2	5.5											
Sample Number	Percent Base Saturation						Nitrate		Sulfur		Zinc		Manganese		Iron		Copper		Boron		Soluble Salts		Chloride		Aluminum		
	K %	Mg %	Ca %	Na %	H %	NO3-N	SO4-S	ZN	MN	FE	CU	B	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	ms/cm	Rate	Rate	Rate	Rate	Rate	Rate
6-7	2.5	23.8	54.7		19.0																						
8	3.1	22.6	57.2		17.2																						
9	3.3	25.3	48.1		23.3																						
10	2.5	19.3	47.2		31.0																						
11	3.7	25.9	49.3		21.1																						

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by: A & L EASTERN LABORATORIES, INC.
by: *Paul Chu*
Paul Chu, Ph.D.

Report Number:
R06265-0035
Account Number:
73874

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com



To: NUTRI-BLEND INC
POB 38060
RICHMOND, VA 23231

For: HOLT T-2500

Copy To: TIM C

Date Received: 09/21/2006
Date Reported: 09/25/2006

SOIL FERTILITY RECOMMENDATIONS

Page: 1

Sample ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P2O5 lb/A	Potash K2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Adj pH To 6.8		1.5	0	0	0	0						
2	Adj pH To 6.8		2.0	0	0	0	0						
3	Adj pH To 6.8		2.3	0	0	0	0						
4	Adj pH To 6.8		2.3	0	0	0	0						
5	Adj pH To 6.8		2.3	0	0	0	0						

ALC/RJC

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Paul Chu
Paul Chu, Ph.D.

Report Number: R06265-0035
 Account Number: 73874

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Date Received: 09/21/2006
 Date Reported: 09/25/2006

SOIL FERTILITY RECOMMENDATIONS

Page: 2

Sample ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P2O5 lb/A	Potash K2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
6-7	Adj pH To 6.8		1.5	0	0	0	0						
8	Adj pH To 6.8		1.5	0	0	0	0						
9	Adj pH To 6.8		2.3	0	0	0	0						
10	Adj pH To 6.8		2.3	0	0	0	0						
11	Adj pH To 6.8		1.5	0	0	0	0						

Sample 9: Apply calcite lime to raise pH and improve the calcium level.

AL-INC

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Paul Chu
 Paul Chu, Ph.D.

**HOLT FARM
TRACT T-3046
FIELD DATA SHEET**

Field	Total Acres	Net Acres	Soil Series	Productivity	
				Corn	Hay
1	6.8	6.8	VaB* Vance fine sandy loam, 2-6% slopes ApB Appling fine sandy loam, 2-6% slopes WoB Worsham soils, 0-4% slopes AbB Abell fine sandy loam, 0-4% slopes AgC Appling gravelly sandy loam, 6-15% slopes AgB Appling gravelly sandy loam, 2-6% slopes	IVa	III
2	0.4	0.4	AgB* Appling grvly sandy loam, 2-6% slopes AgC Appling gravelly sandy loam, 6-15% slopes	IVa	III
SUM	7.2	7.2			

FIELD	LATITUDE	LONGITUDE
1	37°03'31"	79°01'73"
2	37°03'24"	79°01'85"

Report Number:
R06265-0032
Account Number:
73874

A&L Eastern Laboratories, Inc.
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com



Send To: NUTRI-BLEND INC
POB 38060
RICHMOND, VA 23231

Grower: HOLT T-3046

Submitted By: TIM C

Farm I D: Field I D:

SOIL ANALYSIS REPORT

Page: 1 Date Received: 9/21/2006 Date of Analysis: 9/22/2006 Date of Report: 9/25/2006 Analytical Method(s): Mehlich III

Sample Number	Lab Number	Organic Matter		Phosphorus		Potassium K ppm	Magnesium MG ppm	Calcium CA ppm	Sodium NA ppm	pH		Acidity H meq/100g	C.E.C. meq/100g		
		%	ENR lbs/A	Available ppm	Reserve ppm					Soil pH	Buffer Index				
1	18558	2.6	96 M	66 H		49 L	85 H	390 L		5.3	6.8	1.3	4.0		
2	18559	2.9	101 M	7 VL		53 L	130 H	660 M		6.1	6.9	0.7	5.2		
Sample Number	Percent Base Saturation						Zinc ZN ppm	Manganese MN ppm	Iron FE ppm	Copper CU ppm	Boron B ppm	Soluble Salts		Chloride CL ppm	Aluminum AL ppm
	K %	Mg %	Ca %	Na %	H %	Rate						Rate	Rate		
1	3.1	17.5	48.3		31.0										
2	2.6	20.7	63.0		13.7										

Values on this report represent the plant available nutrients in the soil.
Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High).
ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre),
ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams).
Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:
A & L EASTERN LABORATORIES, INC.

by: Paul Chu, Ph.D.

Report Number:
R06265-0032
Account Number:
73874

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com



To: NUTRI-BLEND INC
POB 38060
RICHMOND, VA 23231

For: HOLT T-3046

Copy To: TIM C

Date Received: 09/21/2006
Date Reported: 09/25/2006

SOIL FERTILITY RECOMMENDATIONS

Page: 1

Sample ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P2O5 lb/A	Potash K2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Adj pH To 6.8		2.0	0	0	0	0						
2	Adj pH To 6.8		1.3	0	0	0	0						

Sample 1: Apply dolomitic lime to raise pH and improve the magnesium level.

AL-Rec

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Paul Chu
Paul Chu, Ph.D.

**HOLT FARM
TRACT T-9418
FIELD DATA SHEET**

Field	Total Acres	Net Acres	Soil Series	Productivity	
				Corn	Hay
5	2.4	2.4	VaB* Vance fine sandy loam, 2-6% slopes AbB Abell fine sandy loam, 0-4% slopes ApB Appling fine sandy loam, 2-6% slopes	IVa	III
7	6.0	6.0	VaB* Vance fine sandy loam, 2-6% slopes ApB Appling fine sandy loam, 2-6% slopes AgC Appling gravelly sandy loam, 6-15% slopes	IVa	III
8	2.5	2.3	AgB* Appling gravelly sandy loam, 2-6% slopes AgC Appling gravelly sandy loam, 6-15% slopes ApC2 Appling fine sandy loam, 6-15% slopes	IVa	III
9	4.4	4.1	ApC2* Appling fine sandy loam, 6-15% slopes VaB Vance fine sandy loam, 2-6% slopes	IVa	III
SUM	15.3	14.8			

FIELD	LATITUDE	LONGITUDE
5	37°03'42"	79°01'75"
7	37°03'33"	79°01'61"
8	37°03'24"	79°01'65"
9	37°03'17"	79°01'59"

Report Number:
R06265-0031

Account Number:
73874

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com



Send To: NUTRI-BLEND INC
POB 38060
RICHMOND, VA 23231

Grower: HOLT T-9418

Submitted By: TIM C

Farm ID: Field ID:

SOIL ANALYSIS REPORT

Analytical Method(s):
Mehlich III

Page: 1 Date Received: 9/21/2006 Date of Analysis: 9/22/2006 Date of Report: 9/25/2006

Sample Number	Lab Number	Organic Matter		Phosphorus		Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C.			
		%	ENR lbs/A	Available ppm	Reserve ppm					K ppm	MG ppm			CA ppm	NA ppm	Soil pH
5	18554	2.2	88	L	23	L	95	H	350	L	5.1	6.8	4.3			
7	18555	2.0	82	L	48	M	150	H	570	M	5.6	6.8	5.5			
8	18556	2.5	92	L	55	H	75	M	400	L	4.8	6.7	5.3			
9	18557	2.2	87	L	57	H	75	M	430	L	5.1	6.8	4.8			
Sample Number	Percent Base Saturation				Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts		Chloride	Aluminum	
	K %	Mg %	Ca %	Na %								H %	NO3-N ppm			SO4-S ppm
5	3.4	18.4	40.6													
7	2.7	22.5	51.4													
8	4.3	11.7	37.4													
9	4.0	13.1	45.2													

Values on this report represent the plant available nutrients in the soil.
Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High).
ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre),
ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams).
Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:
A & L EASTERN LABORATORIES, INC.

by:
Paul Chu, Ph.D.

Report Number:
R06265-0031
Account Number:
73874

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia (804) 743-9401
Fax No. (804) 271-6446 Email: office@al-labs-eastern.com



To: NUTRI-BLEND INC
POB 38060
RICHMOND, VA 23231

For: HOLT T-9418

Copy To: TIM C

Date Received: 09/21/2006
Date Reported: 09/25/2006

SOIL FERTILITY RECOMMENDATIONS

Page: 1

Sample ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P2O5 lb/A	Potash K2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
5	Adj pH To 6.8		2.0	0	0	0	0						
7	Adj pH To 6.8		2.0	0	0	0	0						
8	Adj pH To 6.8		2.5	0	0	0	0						
9	Adj pH To 6.8		2.3	0	0	0	0						

Samples 5, 8, 9: Apply dolomitic lime to raise pH and improve the magnesium level.

ALL-REC

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made." Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization. Copyright 1977.

Paul Chu
Paul Chu, Ph.D.