Phosphorus Loss Assessment Tool Completion

Name of Facility: Taproot Dairy, LLC Facility Number: 45-02

Owner(s) Name: Billy Johnston Phone No: (828)777-7899

Mailing Address: 752 Butler Bridge Rd., Fletcher, NC 28732

Check the appropriate box below, and sign at the bottom:

☑ **No** fields received a high or very high rating.

☐ **Yes,** the fields listed below received a high or very high rating:

Field Number	Size (Acres)	Rating (High or Very High)

Please use as many additional attachment forms (PLAT-A-12-15-05) as needed for additional fields.

By completing the above section and any additional attachments and by signing this form, the facility owner and Technical Specialist acknowledge all application fields were evaluated using the Phosphorus Loss Assessment Tool. All necessary calculations were completed to conduct the Assessment. A copy will be kept on site with the Certified Animal Waste Management Plan. Any future modifications must be approved by a technical specialist and filed with the Soil and Water Conservation District prior to implementation. Waste plans with fields having a high or very high rating will have to be modified to address phosphorus loss by the next permit cycle beginning July, 2007.

Owner Name: TAPROOT DAIRY

Owner Signature: Billy Johnston Date: 6-18-14

Technical Specialist Name: Joe Hudyncia

Technical Specialist Signature: Date: 03/17/2014

Affiliation: NCDA&CS - DSWC Phone No: (336) 771-5053

Submit this form to:
NC Division of Water Resources
Aquifer Protection Section
Animal Feeding Operations Unit
1636 Mail Service Center
Raleigh, NC 27699-1636

Tract	Field	Pull	Acres Total	Acres Usable	MUSYM	Map Unit	Crop	Soils Report	P-I	R1 slope	R2 slope	Slope%	Soil Loss	Buffer	LI	PLAT
568	13		9.74	9.74	To	Toxaway Silt Loam	CS/SGS	SL024924 BRM01	57	50	100+	1	1.5	>100'	13	M
	14		4.4	4.4	To	Toxaway Silt Loam	CS/SGS	SL024924 BRM01	57	40	100+	1	1.5	>100'	13	L
	15		40.8	39.7	Ro	Rosman Loam	CS/SGS	WAL32813 NC280	33	60	100+	1	0.92	35'	29	L
	17		12.28	12	To	Toxaway Silt Loam	CS/SGS	WAL32813 MR2	109	50	100+	1	1.5	>100'	13	M
	18		28.5	28.5	Ro	Rosman Loam	CS/SGS	WAL32813 MR1	109	60	100+	1	0.92	35'	29	L
	19		5.8	5.59	DeB	Delanco (Dillard) Loam	CS/SGS	WAL32813 MR4	100	60	100+	3	2.5	>100'	16	M
	20		12.8	12.8	DeB	Delanco (Dillard) Loam	CS/SGS	WAL32813 MR4	100	70	100+	3	2.6	>100'	16	M
	21		12.97	12.6	To	Toxaway Silt Loam	CS/SGS	WAL32813 MR3	80	50	100+	1	1.2	35'	13	M
	22		5.56	5.47	To	Toxaway Silt Loam	CS/SGS	SL024924 BRM02	48	50	100+	1	1.2	>100'	13	L
	23		5.87	5.71	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 BRM02	48	50	100+	1	1.3	>100'	16	M
	24		1.99	1.99	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 BRM02	48	50	100+	1	1.3	>100'	16	M
	25		10.8	10.8	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 BRM02	48	60	100+	1	1.3	>100'	16	M
	26		19.1	18.8	DeB	Delanco (Dillard) Loam	CS/SGS	SL024924 BRM03	33	50	100+	3	2.5	35'	16	M
	28		13.56	13.4	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 BRM04	34	60	100+	1	1.3	>100'	16	M
	29		19.2	19.2	DeB	Delanco (Dillard) Loam	CS/SGS	SL024924 BRM04	34	70	100+	3	2.6	>100'	16	M
	30		1.97	1.94	To	Toxaway Silt Loam	CS/SGS	SL024924 BRM04	34	40	50	1	1.4	50'	13	L
	31		36	35.5	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 FLR01	31	60	100+	1	1.1	>100'	16	M
	32		16.9	16.9	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 FLR01	31	50	100+	1	1.1	>100'	16	M
	33a		28	28	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 FLT02	34	50	100+	1	1.1	>100'	16	M
	33b		28.29	28	DeA	Delanco (Dillard) Loam	CS/SGS	SL024924 FLT02	34	60	100+	1	1.1	>100'	16	M
	34a		28.7	27.8	Ro	Rosman Loam	CS/SGS	SL024924 FLR03	43	60	100+	1	0.92	35'	29	L
	34b		14.62	14.4	To	Toxaway Silt Loam	CS/SGS	SL024924 FLR03	43	50	100+	1	1.5	>100'	13	L
	34c		2.87	2.81	DeB	Delanco (Dillard) Loam	CS/SGS	SL024924 FLR03	43	70	100+	3	2.6	>100'	16	M
	34d		21.8	21.8	Ro	Rosman Loam	CS/SGS	SL024924 PWRLN	43	60	100+	1	0.92	35'	29	L
849	5		9.28	9.24	BaB	Bradson gravelly loam	CS/SGS	WAL32813 JLB1	32	60	85	3	3	>100'	21	L
	6	12	6.2	6.12	DeA	Delanco (Dillard) Loam	CS/SGS	WAL32813 JLB1	32	50	100+	1	1.1	>100'	16	M
	7a	10	19.4	18.03	BaB	Bradson gravelly loam	CS/SGS	WAL32813 JLB1	32	70	100+	3	3.1	>100'	21	M
	7b	11	13.6	13.6			Fescue hay	WAL32813 JLB1	32		100+			>100'		L
	9	8	22.7	18.82	BaB	Bradson gravelly loam	CS/SGS	WAL32813 COWAN	51	60	100+	3	3	>100'	21	M
		9														
	10	7	13.6	9.78	BaB	Bradson gravelly loam	CS/SGS	WAL32813 JLB2	42	50	50	3	2.9	>100'	21	M
	11	1	80.6	74.41	BaB	Bradson gravelly loam	CS/SGS	WAL32813 JLB4	34	60	100+	3	3	35'	21	M
		2														
		3														
		4														
		5														
		6														
	12	13	45.1	44.1	Cu	Comus (Colvard) fine sandy loa	CS/SGS	WAL32813 JLB3	70	50	100+	1	1.1	35'	21	L
		14														
		15														
		16														
		17														
		18														
967	1a		43.6	30.51	Cu	Comus (Colvard) fine sandy loa	CS/SGS	CRYLN	56	60	100+	1	1.2	35'	21	L
	1b			12.49	DeB	Delanco (dillard) loam	CS/SGS	CRYLN	56	50	75	3	2.8	>100'	16	M
	2		15.27	12.9	DeB	Delanco (dillard) loam	CS/SGS	CRYLN	56	70	100+	3	3	>100'	16	M
	3		5.87	4.62	Co	Codorus loam (arkaqua)	CS/SGS	CRYLN	56	40	100+	2	2.2	>100'	13	M
968	1		27.53	26.4	Co	Codorus loam (arkaqua)	CS/SGS	CRYBC	104	70	100+	2	2.4	35'	13	M
	2		16.4	16.4	Co	Codorus loam (arkaqua)	CS/SGS	CRYBC	104	55	100+	2	2.3	35'	13	M
			Total:	675.27												

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 3:58:54 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	13
Soil Series:	To: Toxaway silt loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 34.87 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.5 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	57
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	8
LEACHATE P	=	0
SOURCE P	=	29
TOTAL P RATING	=	37 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:11:24 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	14
Soil Series:	To: Toxaway silt loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.5 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	57
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	8
LEACHATE P	=	0
SOURCE P	=	15
TOTAL P RATING	=	23 (LOW)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:10:35 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	15
Soil Series:	Ro: Rosman loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	0.92 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	33
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	2
LEACHATE P	=	0
SOURCE P	=	6
TOTAL P RATING	=	8 (LOW)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:12:09 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	17
Soil Series:	To: Toxaway silt loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.5 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	109
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	15
LEACHATE P	=	0
SOURCE P	=	15
TOTAL P RATING	=	30 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:13:21 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	18
Soil Series:	Ro: Rosman loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	0.92 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	109
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	6
LEACHATE P	=	0
SOURCE P	=	6
TOTAL P RATING	=	12 (LOW)

568-19

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:01:38 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	19
Soil Series:	DeB: Delanco (Dillard) loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.5 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	100
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	20
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	46 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:14:49 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	20
Soil Series:	DeB: Delanco (Dillard) loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.6 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	100
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	20
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	46 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:16:13 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	21
Soil Series:	To: Toxaway silt loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.2 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	80
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	11
LEACHATE P	=	0
SOURCE P	=	15
TOTAL P RATING	=	26 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:19:07 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	22
Soil Series:	To: Toxaway silt loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.2 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	48
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	6
LEACHATE P	=	0
SOURCE P	=	15
TOTAL P RATING	=	21 (LOW)

568-23

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:18:19 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	23
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.3 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	48
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	9
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	34 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:20:06 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	24
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.3 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	48
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	9
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	34 (MEDIUM)

568-25

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:20:46 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	25
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.3 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	48
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	9
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	34 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:22:27 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	26
Soil Series:	DeB: Delanco (Dillard) loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.5 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	33
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	7
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	32 (MEDIUM)

568-28

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:30:49 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	28
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.3 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	34
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	7
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	32 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:33:06 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	29
Soil Series:	DeB: Delanco (Dillard) loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.6 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	34
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	7
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	32 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:34:15 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	30
Soil Series:	To: Toxaway silt loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 50 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.4 t/ac/yr
Receiving Slope Distance	50-99 ft
Soil Test 0" - 4"	34
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	5
LEACHATE P	=	0
SOURCE P	=	15
TOTAL P RATING	=	20 (LOW)

568-31

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:35:35 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	31
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.1 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	31
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	6
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	31 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:36:16 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	32
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.1 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	31
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	6
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	31 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:37:14 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	33a
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.1 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	34
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	7
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	32 (MEDIUM)

568-33b

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:37:52 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	33b
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.1 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	34
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	7
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	32 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:39:42 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	34a
Soil Series:	Ro: Rosman loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	0.92 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	43
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	2
LEACHATE P	=	0
SOURCE P	=	6
TOTAL P RATING	=	8 (LOW)

568-34b

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:40:44 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	34b
Soil Series:	To: Toxaway silt loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.5 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	43
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	6
LEACHATE P	=	0
SOURCE P	=	15
TOTAL P RATING	=	21 (LOW)

568-34c

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:41:42 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	34c
Soil Series:	DeB: Delanco (Dillard) loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.6 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	43
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	8
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	33 (MEDIUM)

568-34d

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:42:44 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	568
Field Number:	34d
Soil Series:	Ro: Rosman loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	0.92 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	43
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	2
LEACHATE P	=	0
SOURCE P	=	6
TOTAL P RATING	=	8 (LOW)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:44:11 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	5
Soil Series:	BaB: Bradson gravelly loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	3 t/ac/yr
Receiving Slope Distance	50-99 ft
Soil Test 0" - 4"	32
WV_Factor (DATABASE)	1.1
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	1
LEACHATE P	=	0
SOURCE P	=	12
TOTAL P RATING	=	14 (LOW)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/30/2013 9:54:26 AM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	6
Soil Series:	DeA: Delanco (Dillard) loam, 0 to 2 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 30.08 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.1 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	32
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	6
LEACHATE P	=	0
SOURCE P	=	41
TOTAL P RATING	=	47 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/30/2013 9:57:40 AM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	7a
Soil Series:	BaB: Bradson gravelly loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 36.67 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	3.1 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	32
WV_Factor (DATABASE)	1.1
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	1
LEACHATE P	=	0
SOURCE P	=	24
TOTAL P RATING	=	26 (MEDIUM)

849-7b

NCANAT Version: 2.02

PLAT Results For: Henderson 8/28/2013 4:48:17 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	7b
Soil Series:	BaB: Bradson gravelly loam, 2 to 7 percent slopes
Crop:	Fescue (Hay) :
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 17.96 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	0.5 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	32
WV_Factor (DATABASE)	1.1
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	0
LEACHATE P	=	0
SOURCE P	=	3
TOTAL P RATING	=	3 (LOW)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/30/2013 9:50:40 AM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	9
Soil Series:	BaB: Bradson gravelly loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 36.67 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	3.0 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	51
WV_Factor (DATABASE)	1.1
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	2
LEACHATE P	=	0
SOURCE P	=	24
TOTAL P RATING	=	27 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/30/2013 9:59:21 AM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	10
Soil Series:	BaB: Bradson gravelly loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 36.67 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.9 t/ac/yr
Receiving Slope Distance	50-99 ft
Soil Test 0" - 4"	42
WV_Factor (DATABASE)	1.1
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	2
LEACHATE P	=	0
SOURCE P	=	24
TOTAL P RATING	=	27 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/30/2013 10:06:48 AM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	11
Soil Series:	BaB: Bradson gravelly loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 36.67 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	3.0 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	34
WV_Factor (DATABASE)	1.1
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	1
LEACHATE P	=	0
SOURCE P	=	25
TOTAL P RATING	=	27 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 8/30/2013 10:03:57 AM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	Taproot
Tract Number:	849
Field Number:	12
Soil Series:	Cu: Comus (Colvard) fine sandy loam
Crop:	Corn (Silage) : Conservation Tillage - minimum residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 32.18 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.1 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	70
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	3
LEACHATE P	=	0
SOURCE P	=	10
TOTAL P RATING	=	13 (LOW)

NCANAT Version: 2.02

PLAT Results For: Henderson 11/8/2013 3:03:04 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	
Tract Number:	967
Field Number:	1a
Soil Series:	Cu: Comus (Colvard) fine sandy loam
Crop:	Corn (Silage) : Conservation Tillage - high residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 32.18 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	1.2 t/ac/yr
Receiving Slope Distance	150-199 ft
Soil Test 0" - 4"	56
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	2
LEACHATE P	=	0
SOURCE P	=	7
TOTAL P RATING	=	9 (LOW)

NCANAT Version: 2.02

PLAT Results For: Henderson 11/8/2013 3:07:49 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	
Tract Number:	967
Field Number:	1b
Soil Series:	DeB: Delanco (Dillard) loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - high residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 29.78 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.8 t/ac/yr
Receiving Slope Distance	50-99 ft
Soil Test 0" - 4"	56
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	8
LEACHATE P	=	0
SOURCE P	=	30
TOTAL P RATING	=	38 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 11/8/2013 3:08:33 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	
Tract Number:	967
Field Number:	2
Soil Series:	DeB: Delanco (Dillard) loam, 2 to 7 percent slopes
Crop:	Corn (Silage) : Conservation Tillage - high residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 29.78 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	3.0 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	56
WV_Factor (DATABASE)	1.1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	8
LEACHATE P	=	0
SOURCE P	=	30
TOTAL P RATING	=	38 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 11/8/2013 3:09:55 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	
Tract Number:	967
Field Number:	3
Soil Series:	Co: Codorus loam (Arkaqua)
Crop:	Corn (Silage) : Conservation Tillage - high residue
BMPs:	Buffer Width Width = 100 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 30.68 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.2 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	56
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	9
LEACHATE P	=	0
SOURCE P	=	30
TOTAL P RATING	=	39 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 11/8/2013 3:12:06 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	
Tract Number:	968
Field Number:	1
Soil Series:	Co: Codorus loam (Arkaqua)
Crop:	Corn (Silage) : Conservation Tillage - high residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 30.68 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.4 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	104
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	16
LEACHATE P	=	0
SOURCE P	=	31
TOTAL P RATING	=	48 (MEDIUM)

NCANAT Version: 2.02

PLAT Results For: Henderson 11/8/2013 3:12:32 PM

INPUTS

Calendar Year:	2013
County:	Henderson
Producer Identifier:	
Tract Number:	968
Field Number:	2
Soil Series:	Co: Codorus loam (Arkaqua)
Crop:	Corn (Silage) : Conservation Tillage - high residue
BMPs:	Buffer Width Width = 30 ft.
Fertilizers:	Dairy-slurry
	Yearly Applied Amount: 30.68 1000 gal
	Lb P2O5: 3.995 lb
	Application Method: All other surface
applications	
Soil Loss:	2.4 t/ac/yr
Receiving Slope Distance	100-149 ft
Soil Test 0" - 4"	104
WV_Factor (DATABASE)	1
Artificial Drainage System:	NO
Hydrologic Condition:	GOOD

OUTPUTS

PARTICULATE P	=	1
SOLUBLE P	=	16
LEACHATE P	=	0
SOURCE P	=	31
TOTAL P RATING	=	48 (MEDIUM)

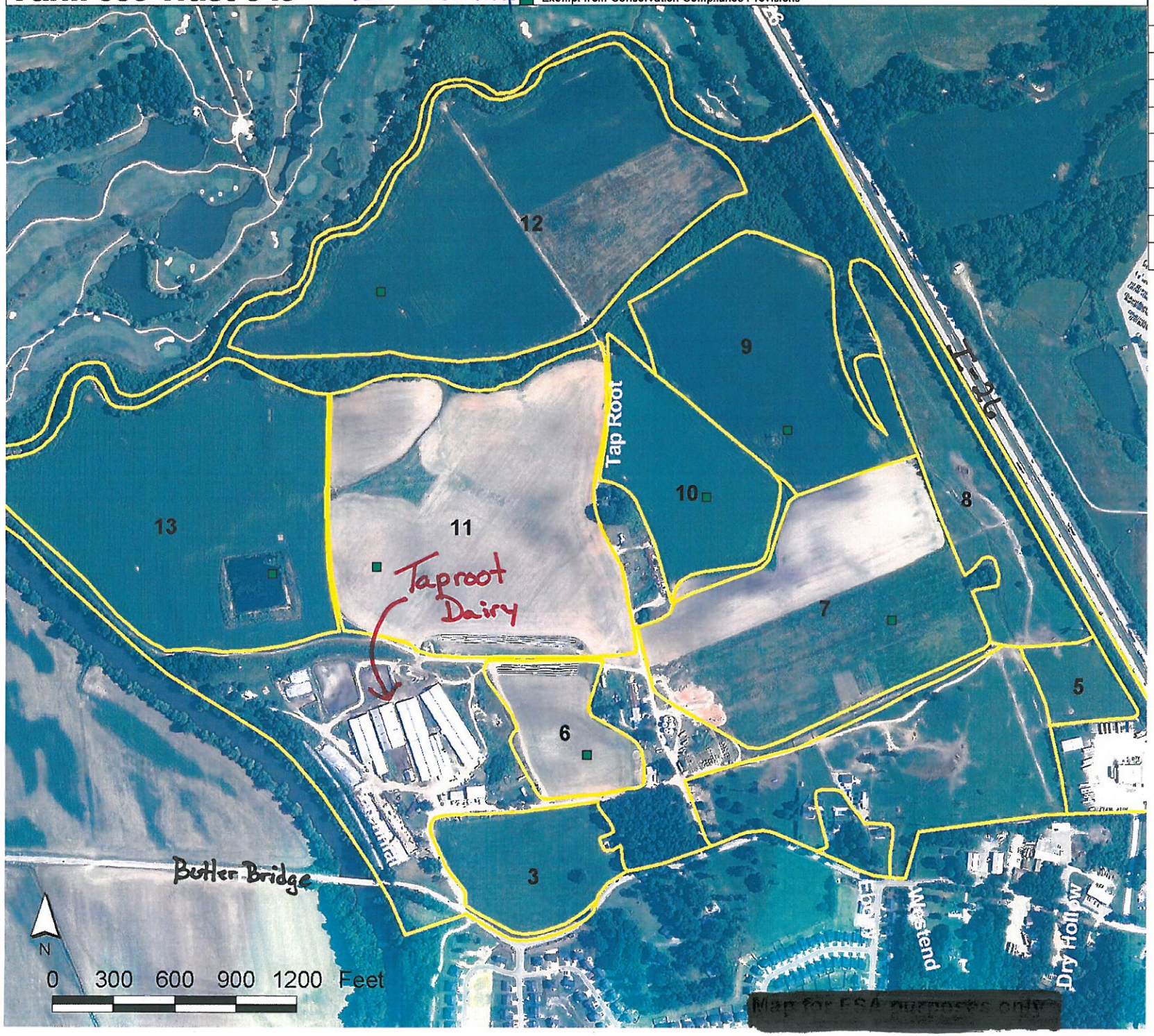
Henderson County [redacted]

Farm 685 Tract 849

Location Map

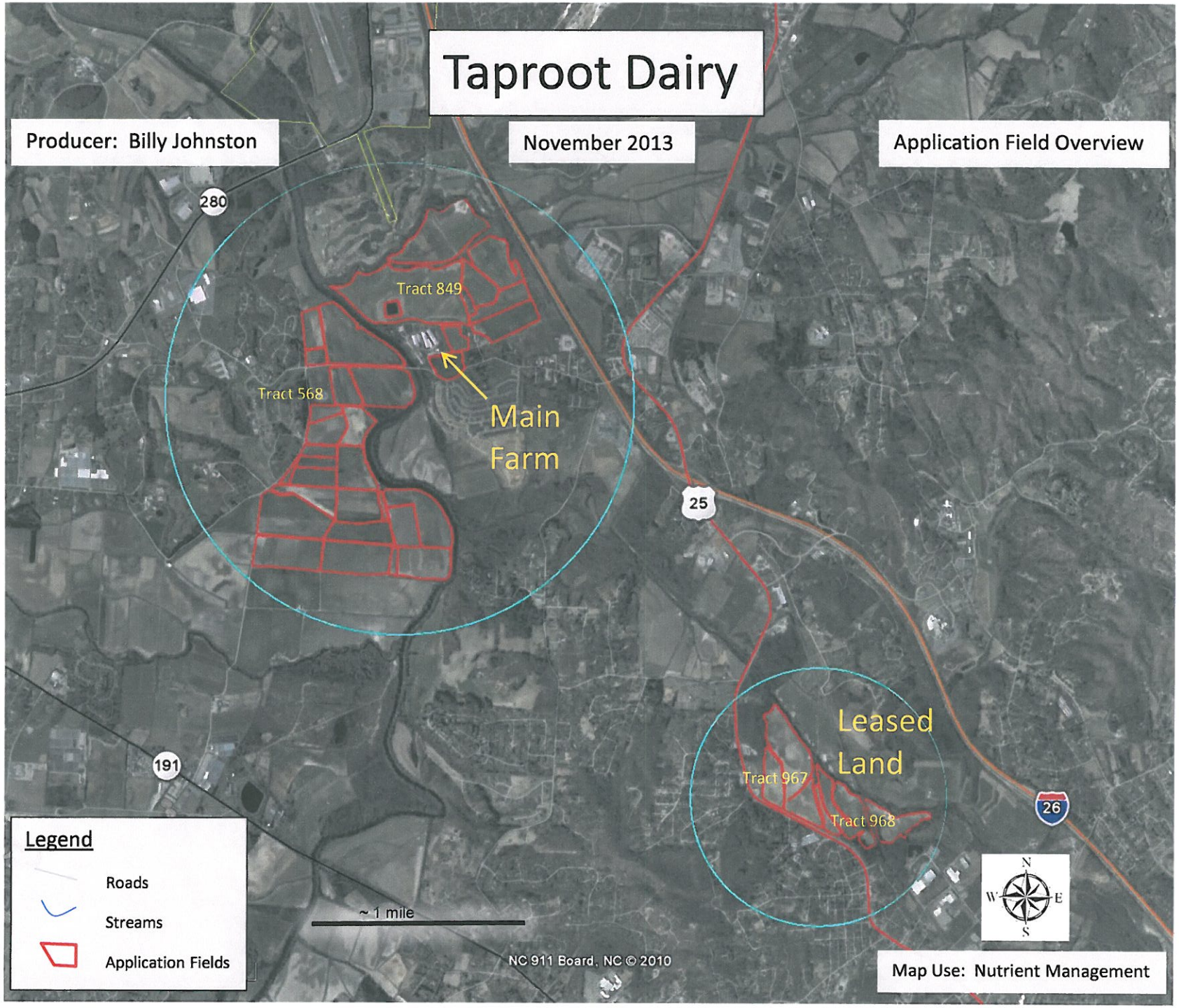
Wetland Determination Identifiers
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

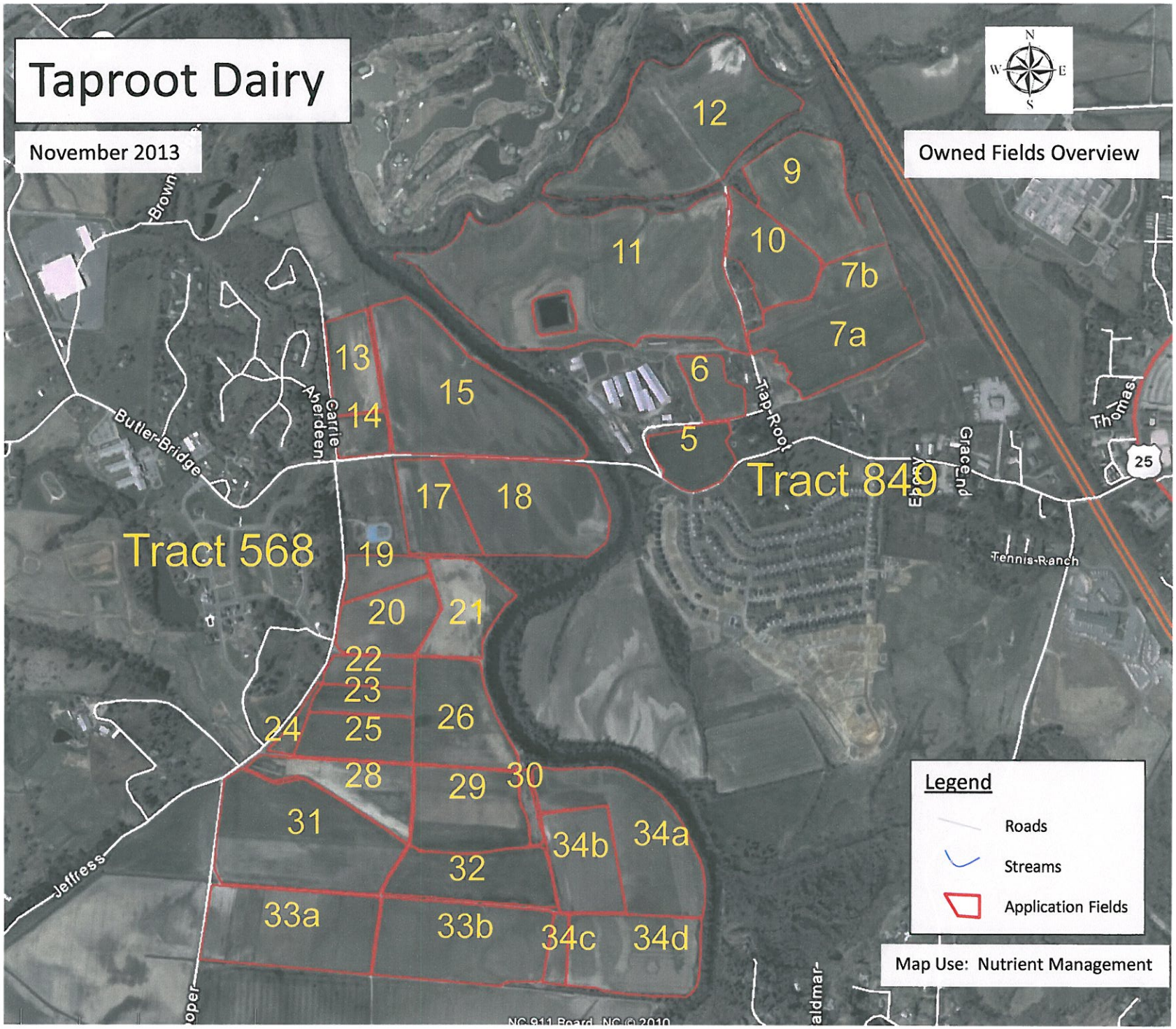
Disclaimer: Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



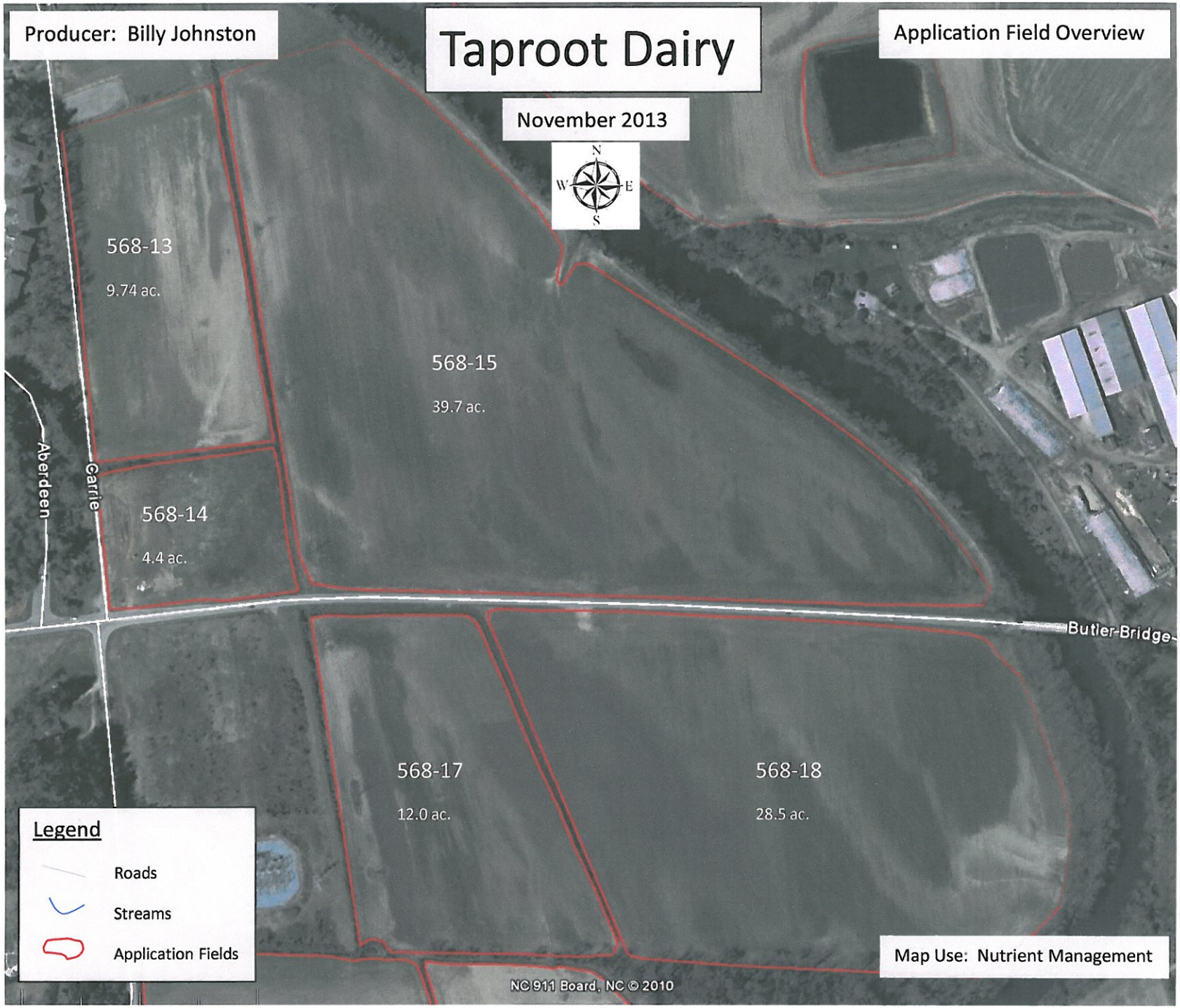
Fld	Acres	Crop	HEL	CRP
3	9.80			
5	3.61			
6	7.91		N	
7	32.76		N	
8	14.48			
9	23.32		N	
10	13.66		N	
11	42.35		N	
12	47.62		N	
13	39.71		N	

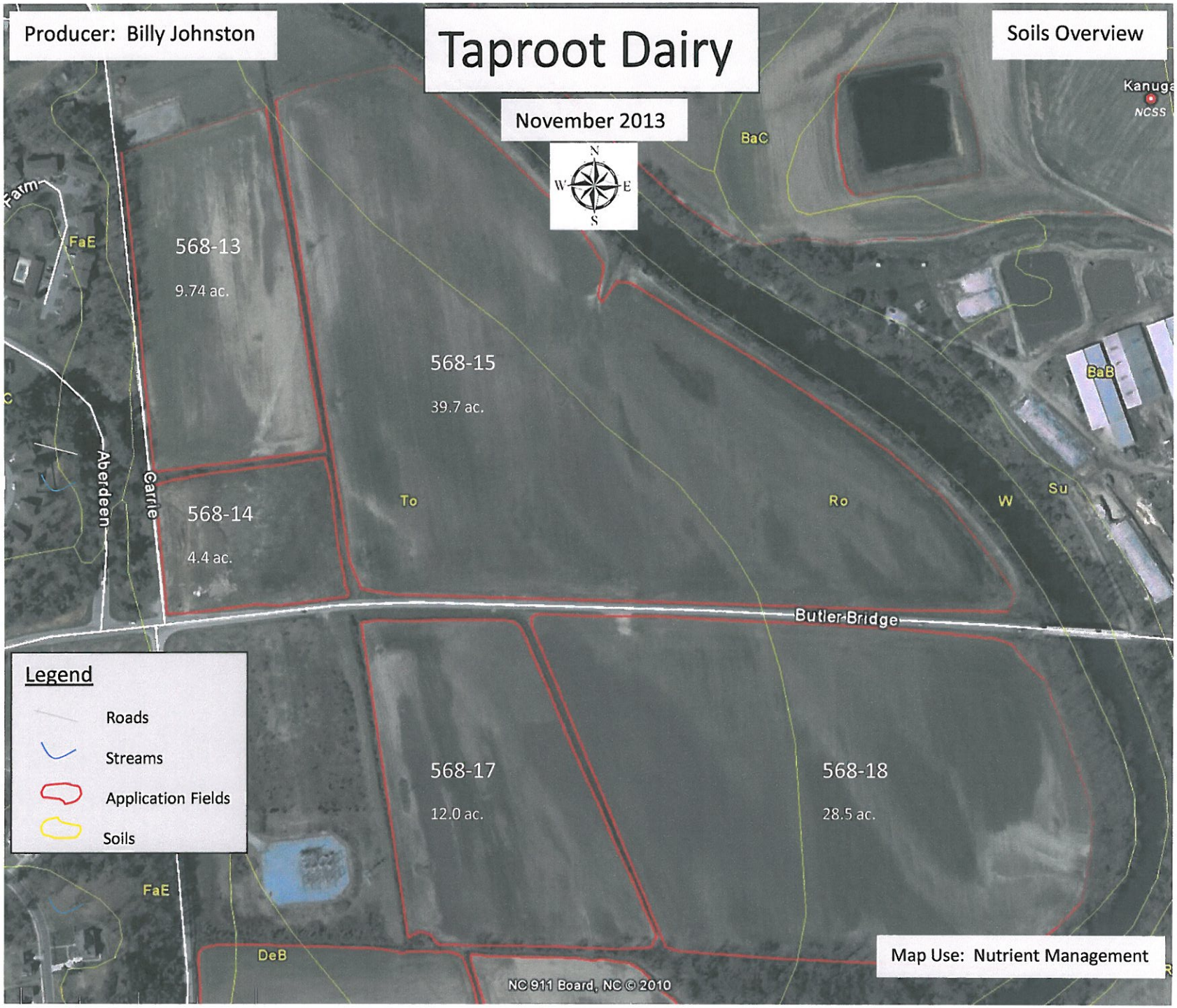
Total Cropland Acres
235.2

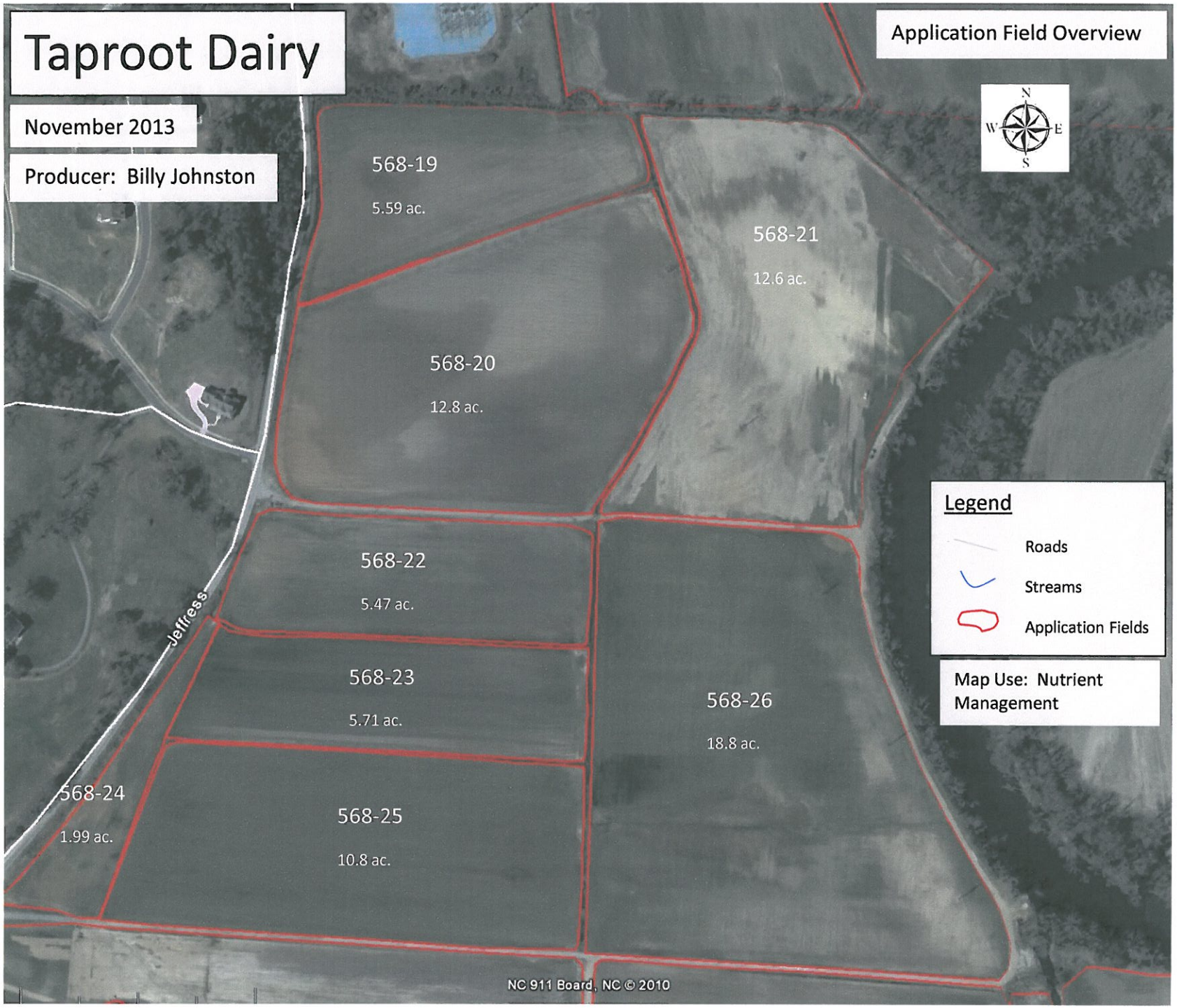

Taproot Dairy
Producer: Billy Johnston
November 2013
Application Field Overview
280
Tract 849
Tract 568
Main Farm
25
Leased Land
Tract 967
Tract 968
26
191
Legend
Roads
Streams
Application Fields
~ 1 mile
N
W
E
S
NC 911 Board, NC © 2010
Map Use: Nutrient Management

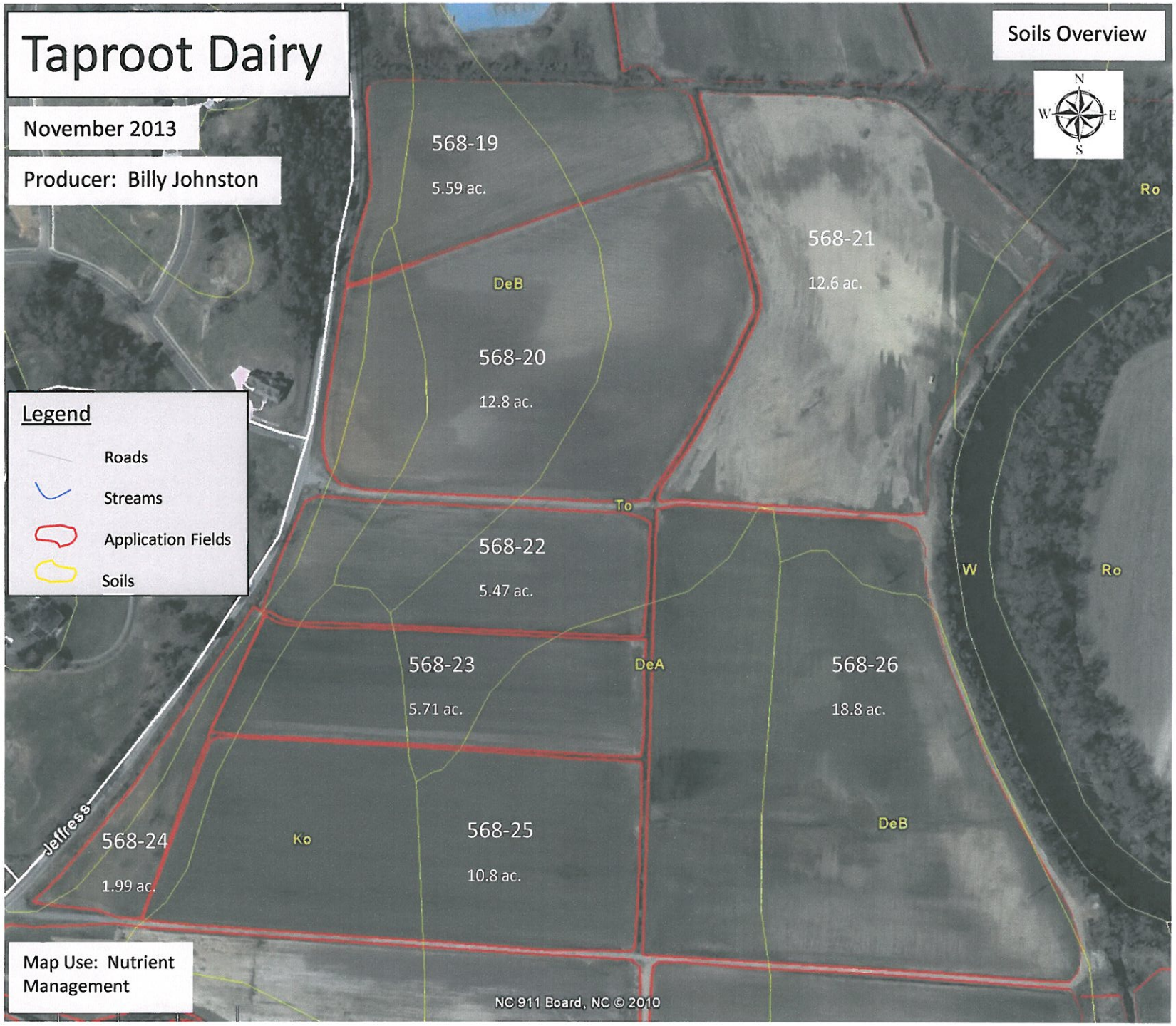


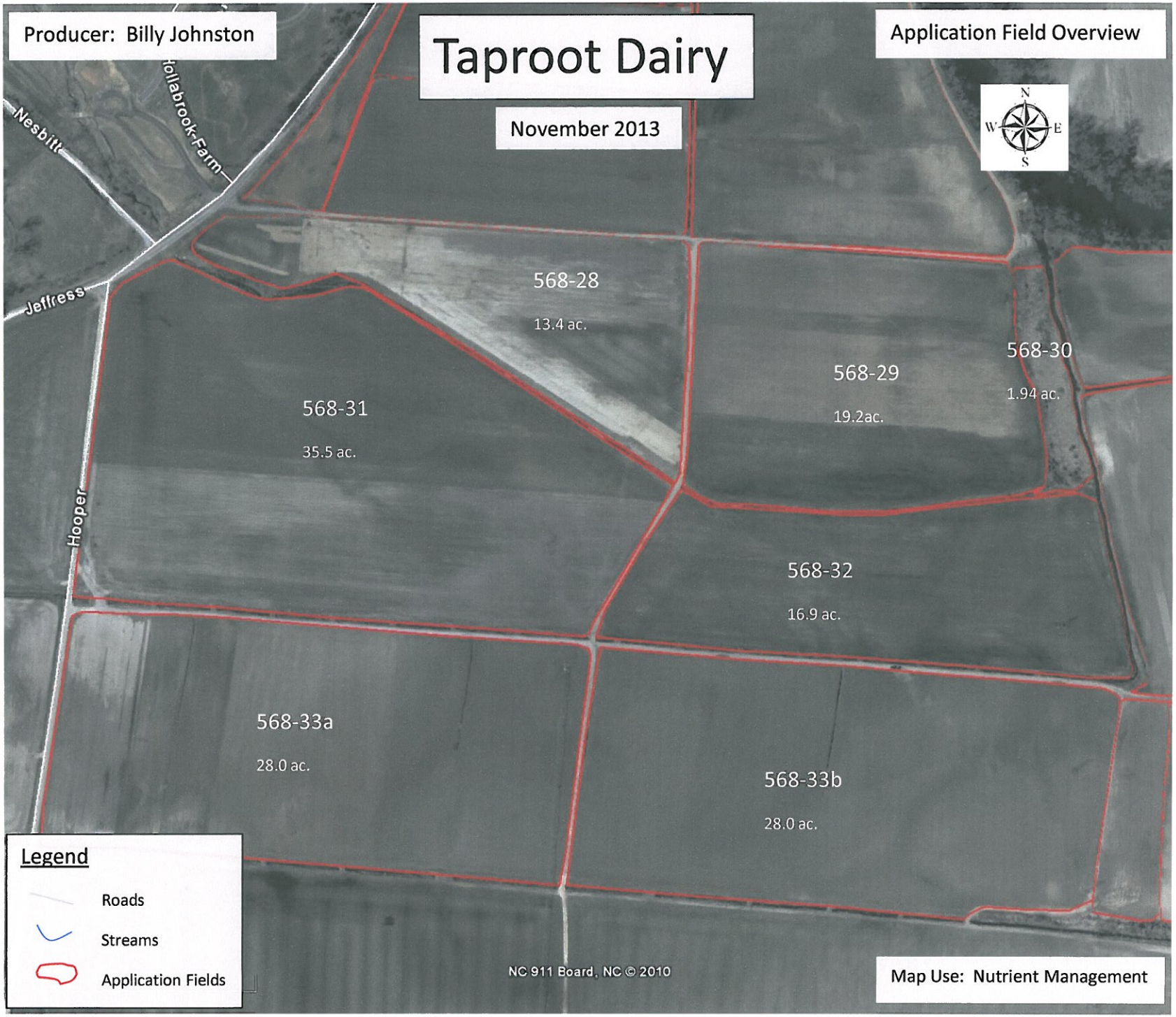
Taproot Dairy
November 2013
Owned Fields Overview
N
S
E
W
12
9
11
10
7b
7a
6
5
13
14
15
17
18
19
20
21
22
23
24
25
26
28
29
30
31
32
33a
33b
34a
34b
34c
34d
Tract 568
Tract 849
Butler Bridge
Carrie Aberdeen
Tap Root
Grace End
Thomas
25
Tennis Ranch
Jeffress
Legend
Roads
Streams
Application Fields
Map Use: Nutrient Management
NC 911 Board NC © 2010

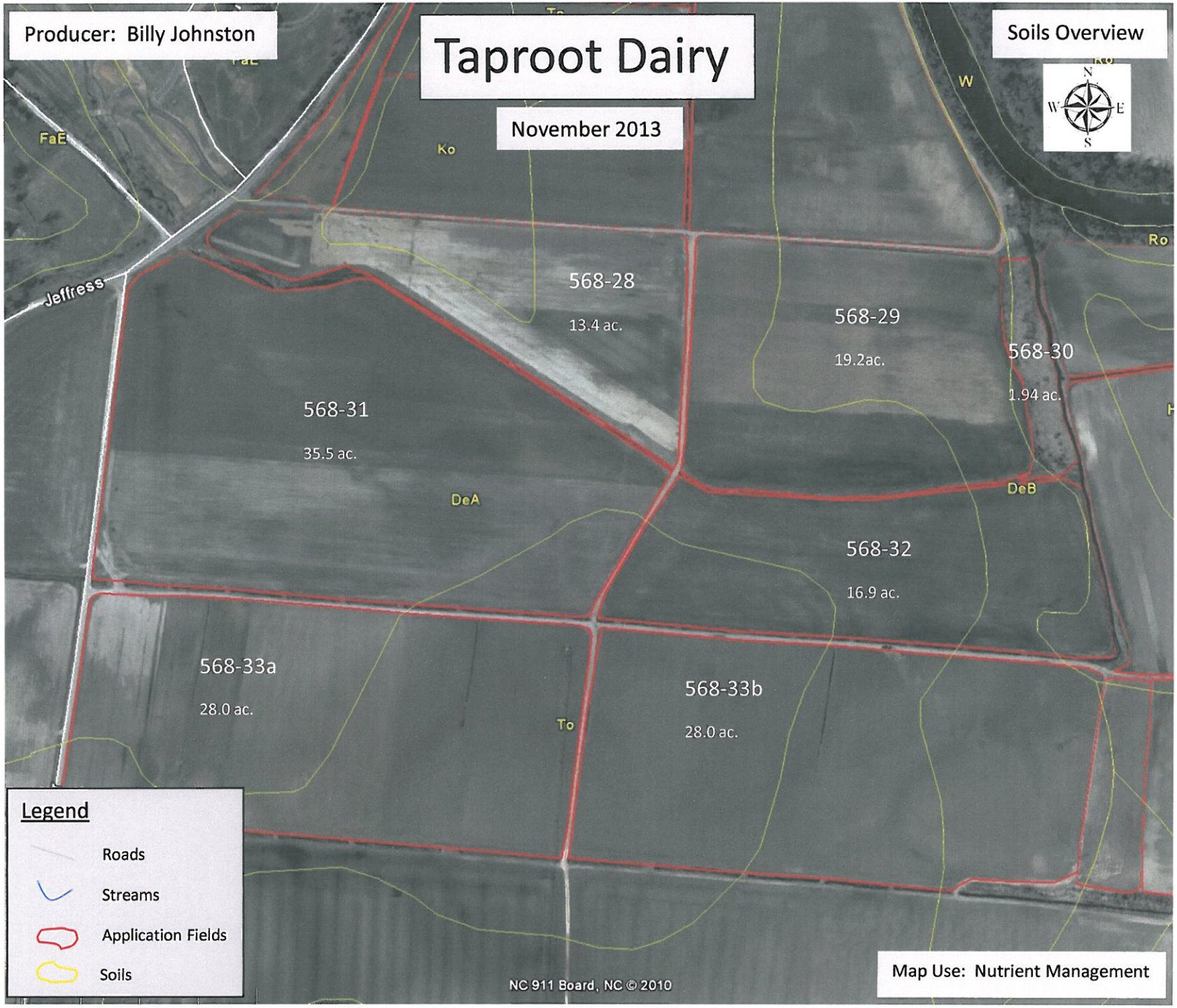

Producer: Billy Johnston
Taproot Dairy
November 2013
Application Field Overview
N
W
E
S
568-13
9.74 ac.
568-15
39.7 ac.
568-14
4.4 ac.
Aberdeen
Carrie
Butler-Bridge
568-17
12.0 ac.
568-18
28.5 ac.
Legend
Roads
Streams
Application Fields
Map Use: Nutrient Management
NC 911 Board, NC © 2010

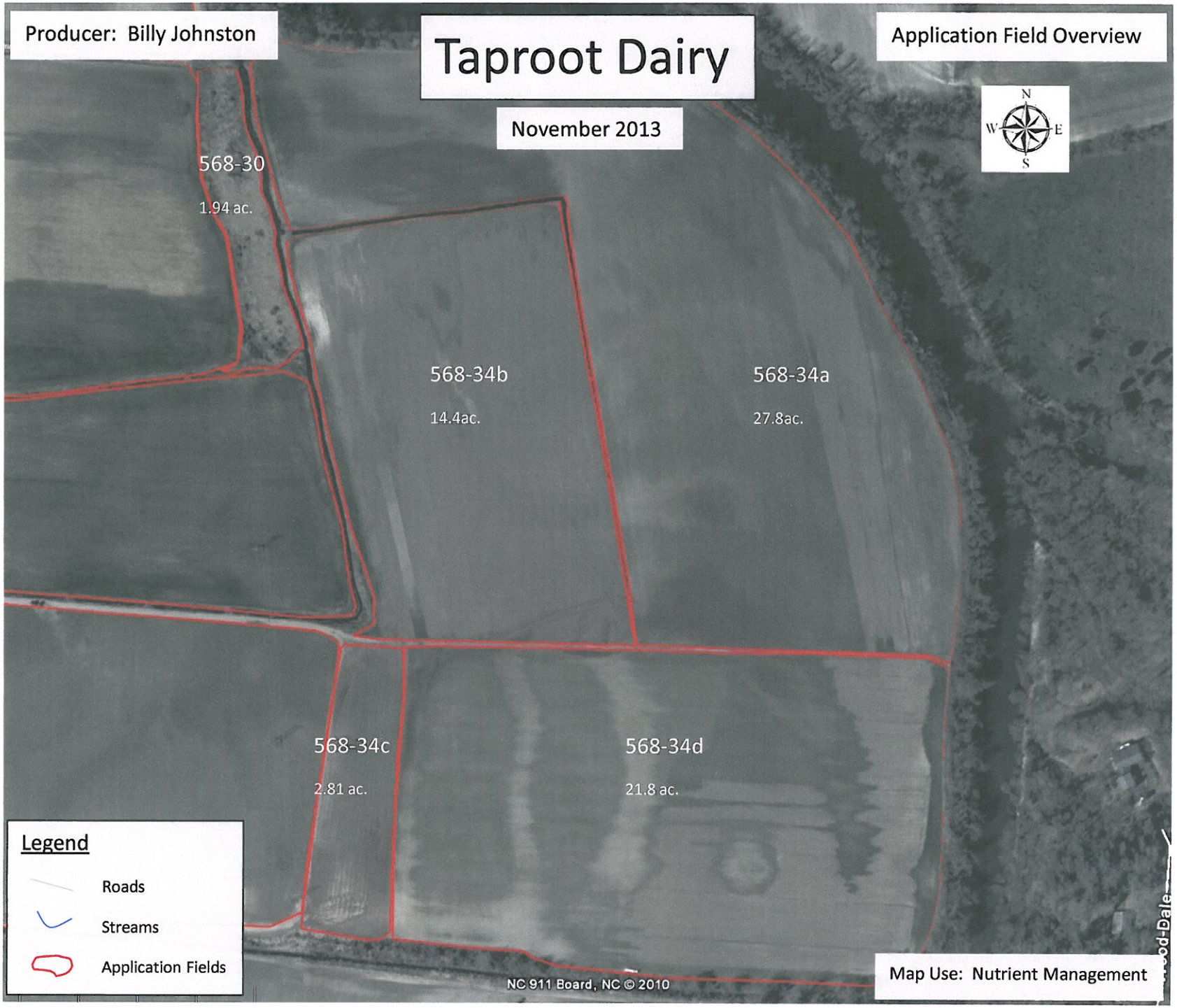

Producer: Billy Johnston
Taproot Dairy
November 2013
Soils Overview
568-13
9.74 ac.
568-14
4.4 ac.
568-15
39.7 ac.
568-17
12.0 ac.
568-18
28.5 ac.
Aberdeen
Carrie
Butler Bridge
FaE
BaC
BaB
To
Ro
W
Su
DeB
Legend
Roads
Streams
Application Fields
Soils
Map Use: Nutrient Management
NC 911 Board, NC © 2010

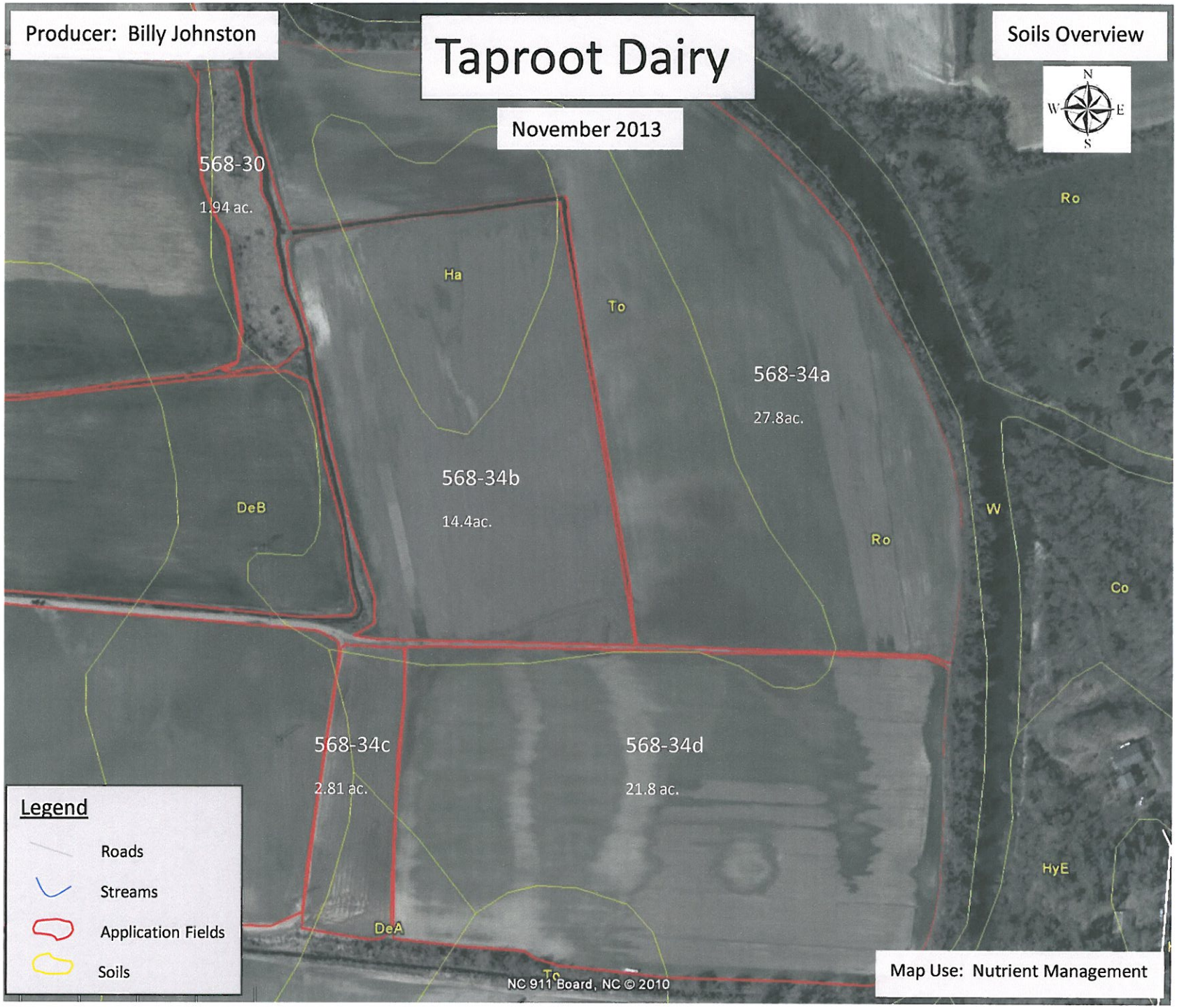

Taproot Dairy
November 2013
Producer: Billy Johnston
Application Field Overview
N
W
E
S
568-19
5.59 ac.
568-21
12.6 ac.
568-20
12.8 ac.
568-22
5.47 ac.
568-23
5.71 ac.
568-26
18.8 ac.
568-24
1.99 ac.
568-25
10.8 ac.
Jeffress
Legend
Roads
Streams
Application Fields
Map Use: Nutrient Management
NC 911 Board, NC © 2010

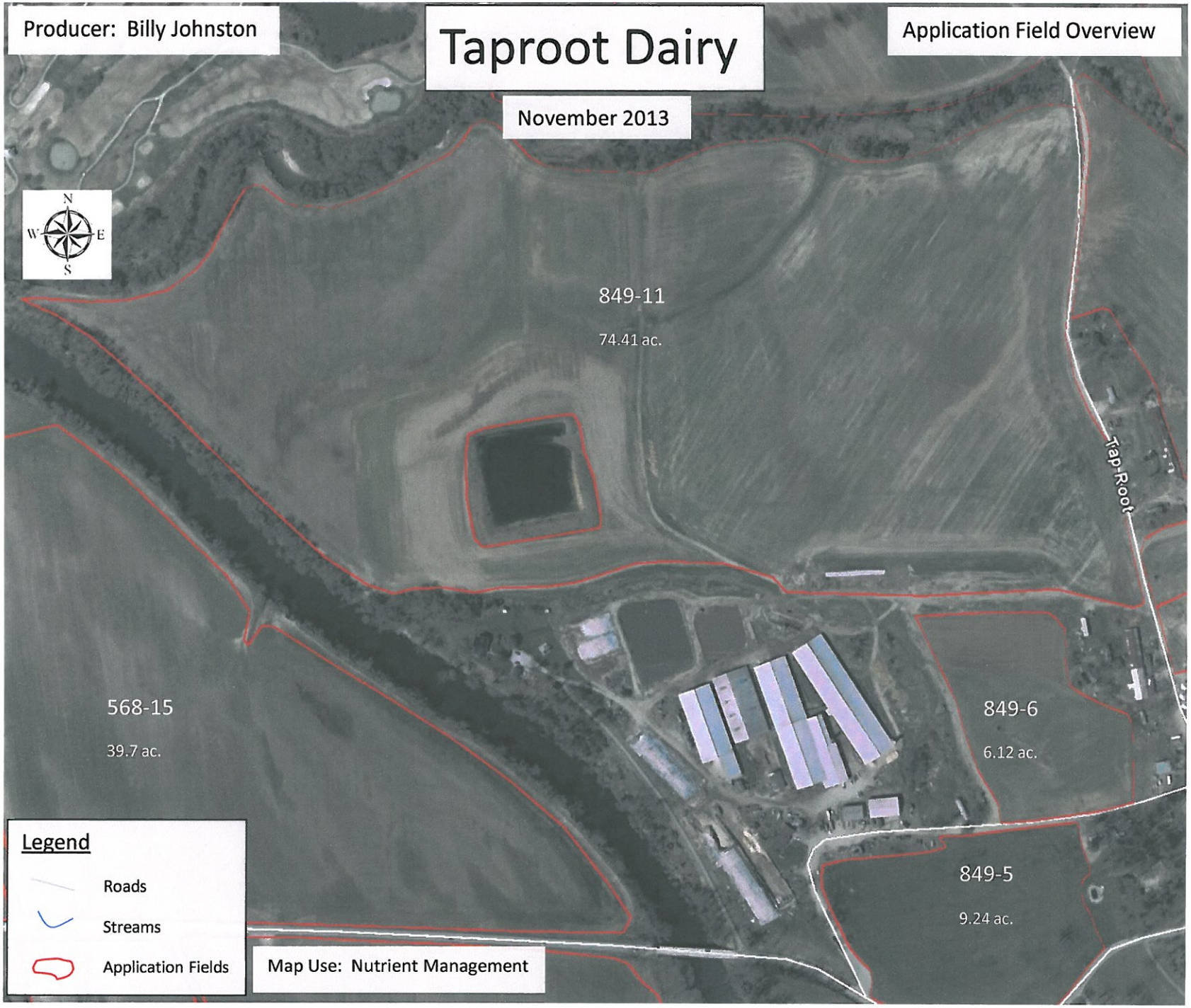

Taproot Dairy
November 2013
Producer: Billy Johnston
Soils Overview
N
W
E
S
568-19
5.59 ac.
568-21
12.6 ac.
568-20
12.8 ac.
568-22
5.47 ac.
568-23
5.71 ac.
568-26
18.8 ac.
568-24
1.99 ac.
568-25
10.8 ac.
DeB
DeA
To
Ro
W
Ko
Jeffress
Legend
Roads
Streams
Application Fields
Soils
Map Use: Nutrient Management
NC 911 Board, NC © 2010

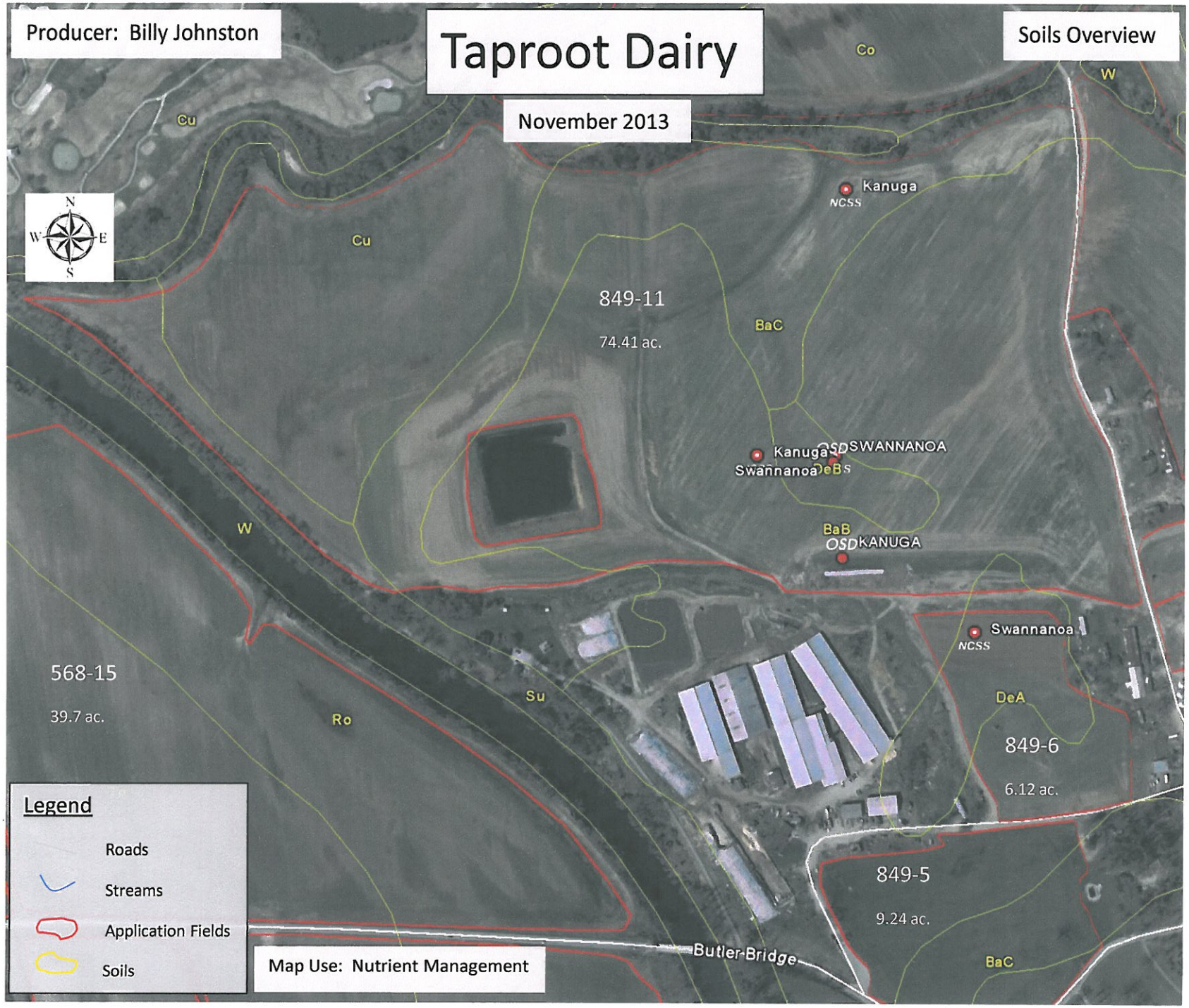

Producer: Billy Johnston
Taproot Dairy
November 2013
Application Field Overview
N
W
E
S
Nesbitt
Hollabrook Farm
Jeffress
Hooper
568-28
13.4 ac.
568-29
19.2ac.
568-30
1.94 ac.
568-31
35.5 ac.
568-32
16.9 ac.
568-33a
28.0 ac.
568-33b
28.0 ac.
Legend
Roads
Streams
Application Fields
NC 911 Board, NC © 2010
Map Use: Nutrient Management

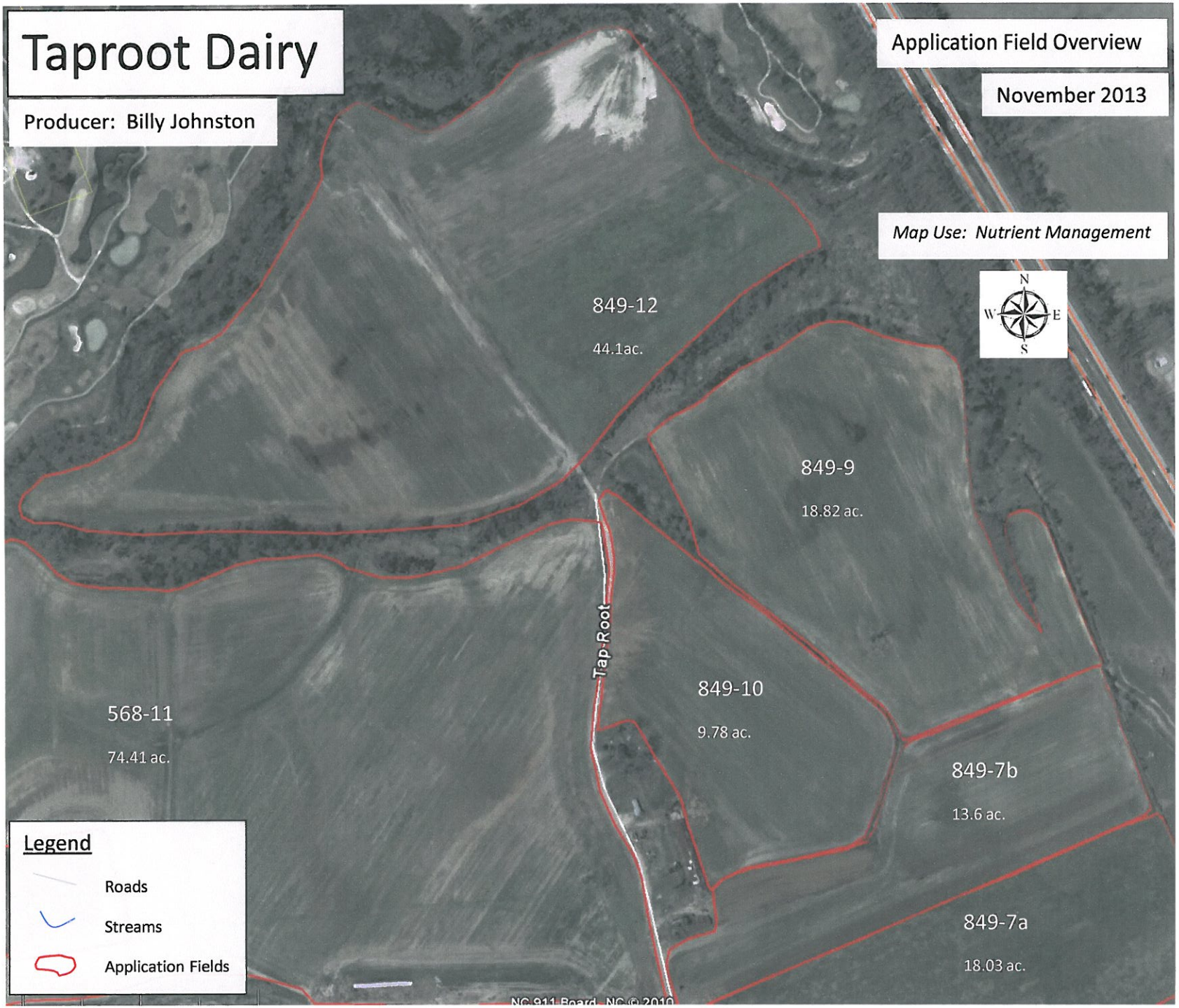

Producer: Billy Johnston
Taproot Dairy
November 2013
Soils Overview
N
W
E
S
568-28
13.4 ac.
568-29
19.2ac.
568-30
1.94 ac.
568-31
35.5 ac.
568-32
16.9 ac.
568-33a
28.0 ac.
568-33b
28.0 ac.
FaE
Ko
W
Ro
Jeffress
DeA
DeB
To
Legend
Roads
Streams
Application Fields
Soils
NC 911 Board, NC © 2010
Map Use: Nutrient Management

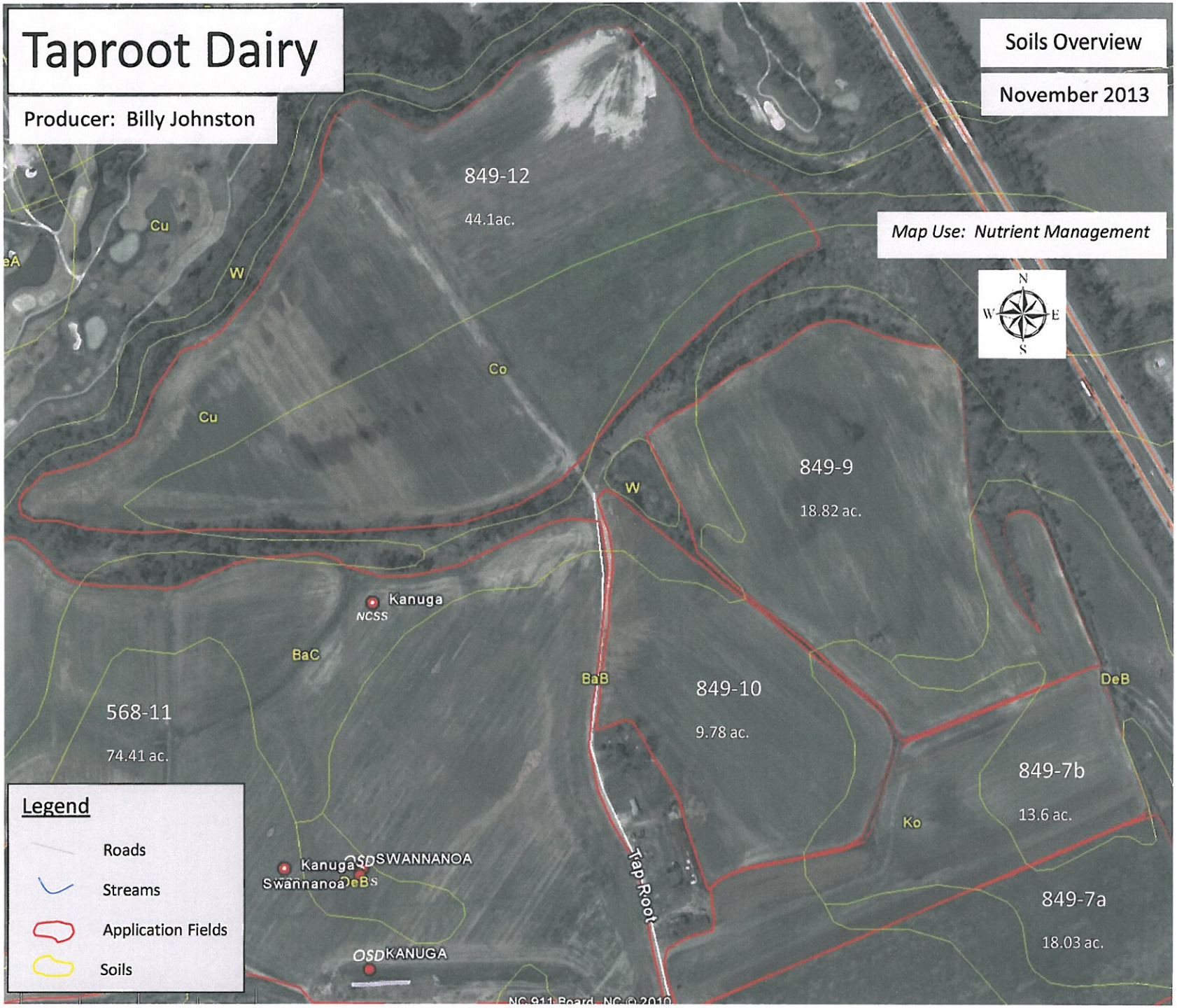

Producer: Billy Johnston
Taproot Dairy
November 2013
Application Field Overview
N
W
E
S
568-30
1.94 ac.
568-34b
14.4ac.
568-34a
27.8ac.
568-34c
2.81 ac.
568-34d
21.8 ac.
Legend
Roads
Streams
Application Fields
NC 911 Board, NC © 2010
Map Use: Nutrient Management

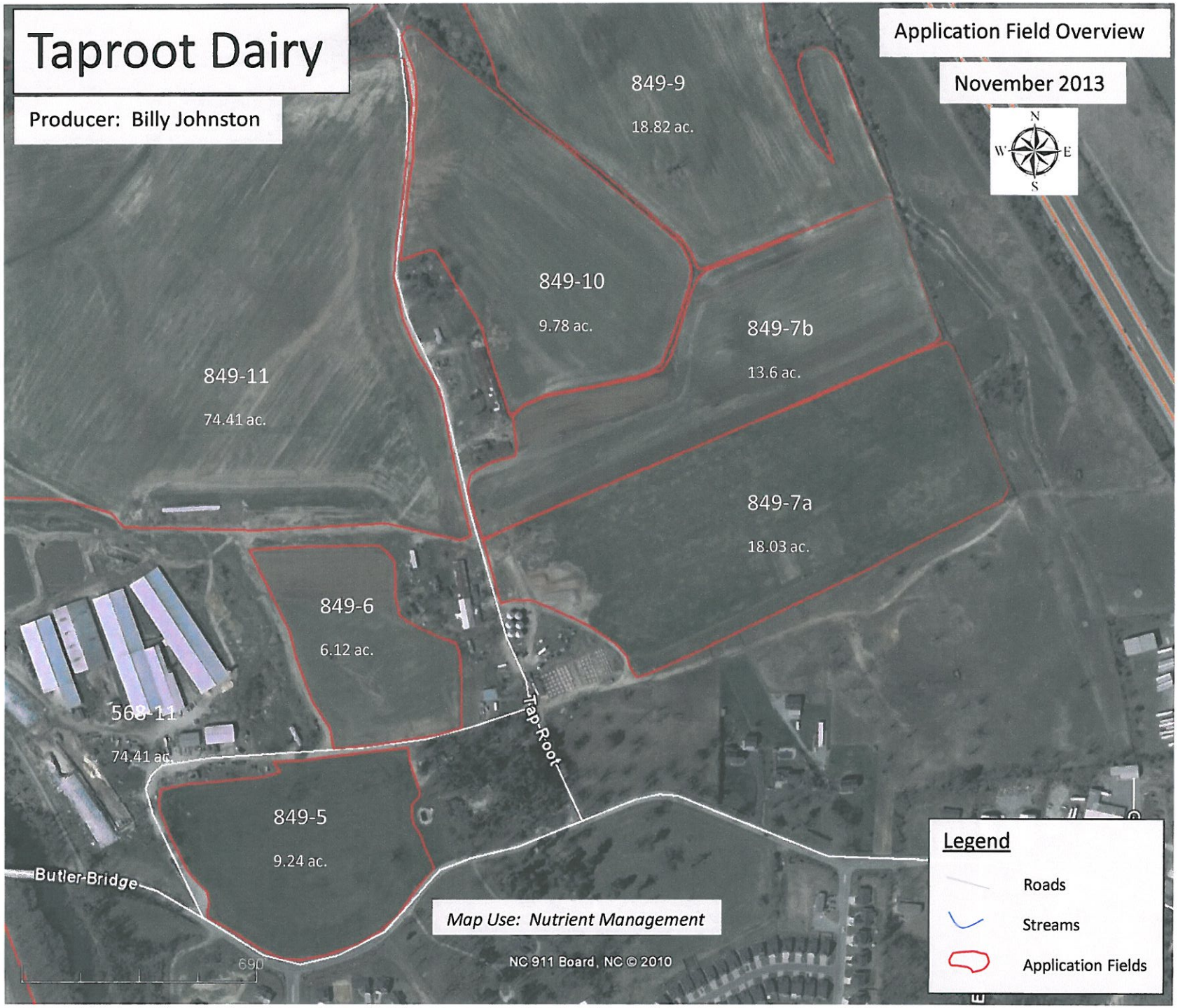

Producer: Billy Johnston
Taproot Dairy
November 2013
Soils Overview
N
W
E
S
568-30
1.94 ac.
Ha
To
Ro
568-34a
27.8ac.
568-34b
14.4ac.
DeB
W
Ro
Co
568-34c
2.81 ac.
568-34d
21.8 ac.
HyE
DeA
Tc
Legend
Roads
Streams
Application Fields
Soils
NC 911 Board, NC © 2010
Map Use: Nutrient Management

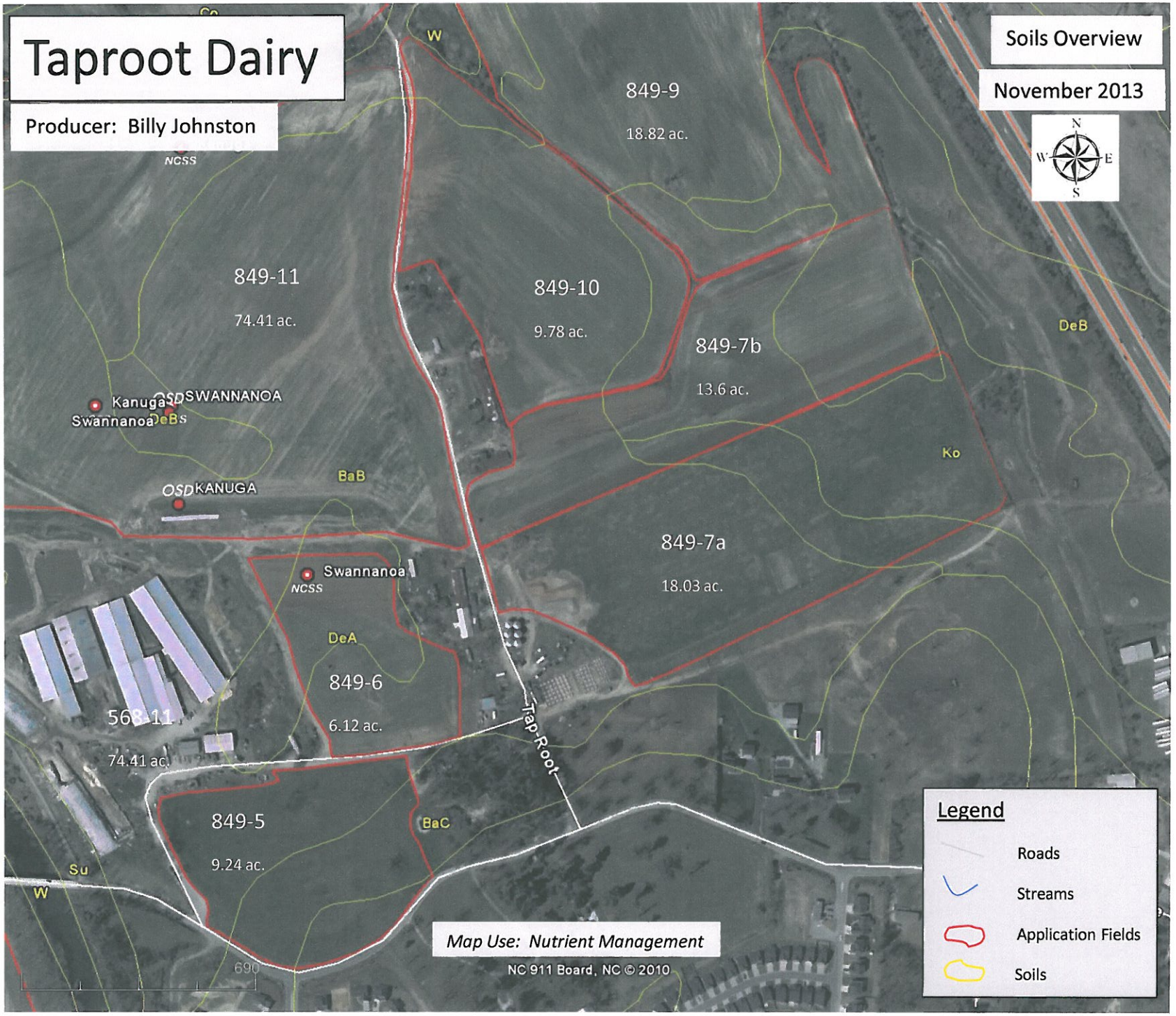

Producer: Billy Johnston
Taproot Dairy
November 2013
Application Field Overview
N
W
E
S
849-11
74.41 ac.
Tap Root
568-15
39.7 ac.
849-6
6.12 ac.
849-5
9.24 ac.
Legend
Roads
Streams
Application Fields
Map Use: Nutrient Management


Producer: Billy Johnston
Taproot Dairy
November 2013
Soils Overview
Co
W
Cu
Cu
Kanuga
NCSS
849-11
74.41 ac.
BaC
Kanuga
Swannanoa
OSD SWANNANOA
DeB
BaB
OSD KANUGA
W
Swannanoa
NCSS
568-15
39.7 ac.
Su
Ro
DeA
849-6
6.12 ac.
849-5
9.24 ac.
BaC
Butler Bridge
Legend
Roads
Streams
Application Fields
Soils
Map Use: Nutrient Management

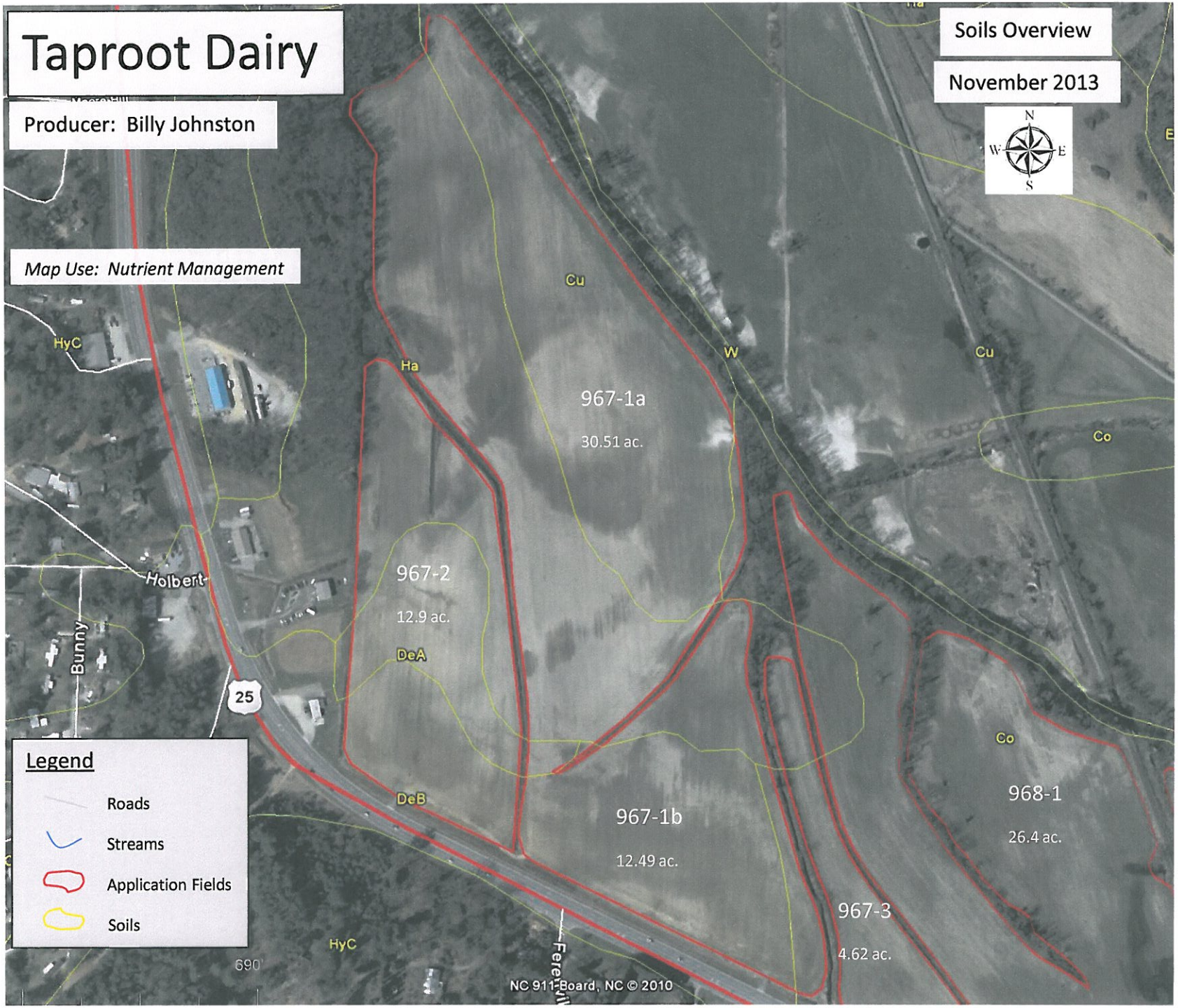

Taproot Dairy
Producer: Billy Johnston
Application Field Overview
November 2013
Map Use: Nutrient Management
N
W
E
S
849-12
44.1ac.
849-9
18.82 ac.
849-10
9.78 ac.
849-7b
13.6 ac.
849-7a
18.03 ac.
568-11
74.41 ac.
Tap Root
Legend
Roads
Streams
Application Fields
NC 911 Board - NC © 2010


Taproot Dairy
Producer: Billy Johnston
Soils Overview
November 2013
Map Use: Nutrient Management
849-12
44.1ac.
849-9
18.82 ac.
849-10
9.78 ac.
849-7b
13.6 ac.
849-7a
18.03 ac.
568-11
74.41 ac.
Cu
W
Co
Cu
W
BaC
BaB
DeB
Ko
Kanuga
NCSS
Kanuga
Swannanoa
OSD SWANNANOA
DeB S
OSD KANUGA
Tap Root
N
W
E
S
Legend
Roads
Streams
Application Fields
Soils
NC 911 Board, NC © 2010

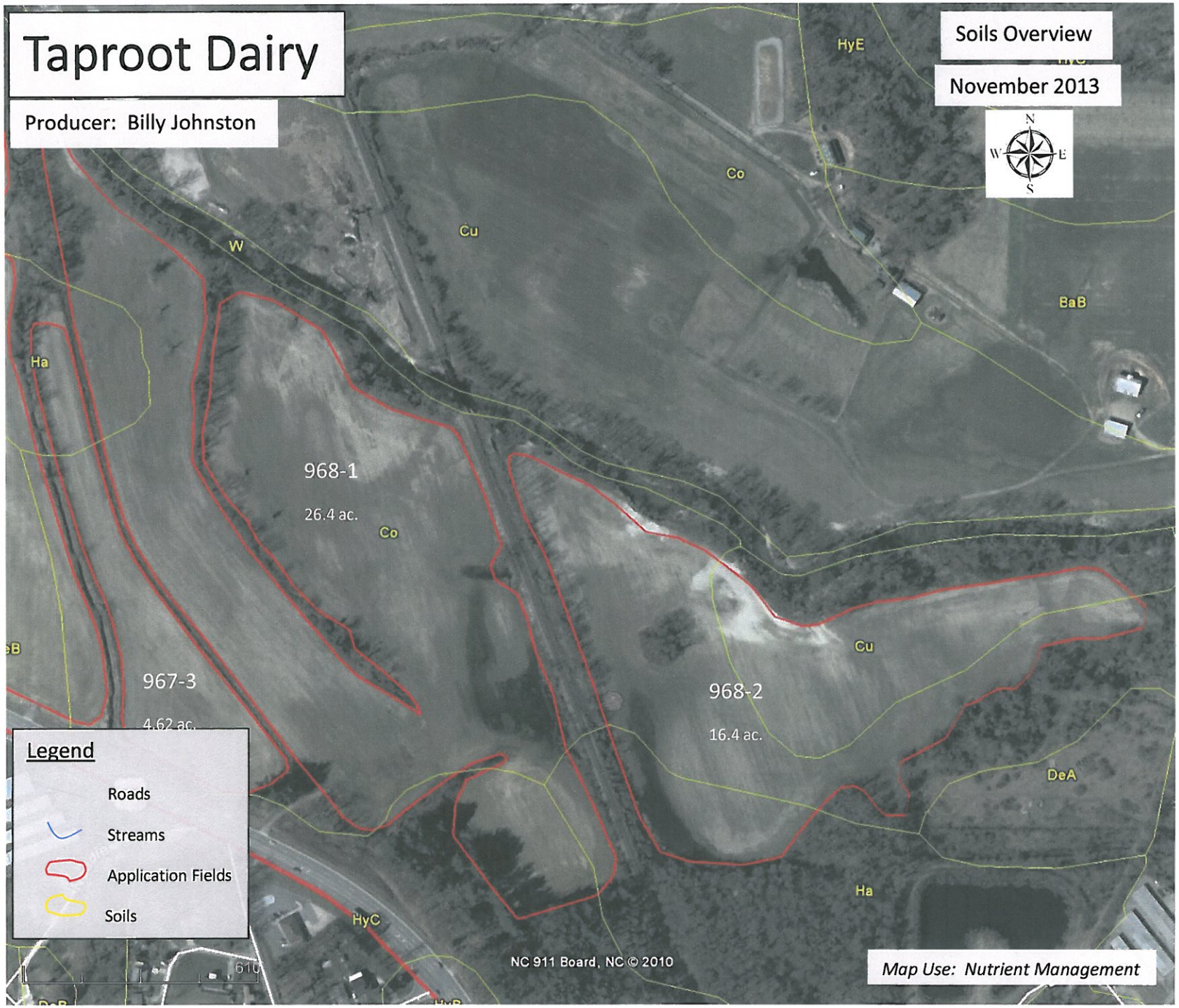

Taproot Dairy
Producer: Billy Johnston
Application Field Overview
November 2013
N
W
E
S
849-9
18.82 ac.
849-10
9.78 ac.
849-7b
13.6 ac.
849-11
74.41 ac.
849-7a
18.03 ac.
849-6
6.12 ac.
568-11
74.41 ac.
Tap Root
849-5
9.24 ac.
Butler Bridge
690
Map Use: Nutrient Management
NC 911 Board, NC © 2010
Legend
Roads
Streams
Application Fields


Taproot Dairy
Producer: Billy Johnston
Soils Overview
November 2013
N
W
E
S
849-9
18.82 ac.
849-11
74.41 ac.
849-10
9.78 ac.
849-7b
13.6 ac.
849-7a
18.03 ac.
849-6
6.12 ac.
849-5
9.24 ac.
568-11
74.41 ac.
NCSS
OSD SWANNANOA
Kanuga
Swannanoa
DeB
OSD KANUGA
BaB
Swannanoa
NCSS
DeA
BaC
Ko
DeB
Su
W
Trap Root
690
Map Use: Nutrient Management
NC 911 Board, NC © 2010
Legend
Roads
Streams
Application Fields
Soils

Taproot Dairy
Producer: Billy Johnston
Map Use: Nutrient Management
Application Field Overview
November 2013
N
W
E
S
967-1a
30.51 ac.
967-2
12.9 ac.
967-1b
12.49 ac.
967-3
4.62 ac.
968-1
26.4 ac.
Holbert
Bunny
25
Legend
Roads
Streams
Application Fields
690'
NC 911 Board, NC © 2010


Taproot Dairy
Producer: Billy Johnston
Map Use: Nutrient Management
Soils Overview
November 2013
N
W
E
S
Cu
HyC
Ha
W
Cu
967-1a
30.51 ac.
Co
967-2
12.9 ac.
DeA
Holbert
Bunny
25
Co
DeB
968-1
26.4 ac.
967-1b
12.49 ac.
967-3
4.62 ac.
HyC
690
Ferebee
NC 911 Board, NC © 2010
Legend
Roads
Streams
Application Fields
Soils

Taproot Dairy
Producer: Billy Johnston
Application Field Overview
November 2013
N
W
E
S
Map Use: Nutrient Management
968-1
26.4 ac.
967-3
4.62 ac.
968-2
16.4 ac.
Legend
Roads
Streams
Application Fields
690
NC 911 Board, NC © 2010
Egerton


Taproot Dairy
Producer: Billy Johnston
Soils Overview
November 2013
N
W
E
S
HyE
Co
Cu
W
BaB
Ha
968-1
26.4 ac.
Co
967-3
4.62 ac.
968-2
16.4 ac.
Cu
DeA
Ha
HyC
Legend
Roads
Streams
Application Fields
Soils
NC 911 Board, NC © 2010
Map Use: Nutrient Management

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Taproot Dairy Farm
Tract 849, fields 6,7,9,10,11,12

NORTH CAROLINA PROFESSIONAL SEAL 021599 ENGINEER JEFFREY L. YOUNG

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1			
2			

PROJECT #		SCALE	
DRAWN BY	M. Kirkpatrick	DATE	June 1999