11-189-0043
REPORT DATE ACCOUNT
Jul 12, 2011
1234
RECEIVED DATE REPORT NUMBER

Jul 8, 2011



**PAGE 1/1** 

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402 334-9121 www.midwestlabs.com 302 THOUROUGHMAN AVE **EARTHDANCE FARMS** 

FERGUSON MO 63135

## **SOIL ANALYSIS REPORT**

	PUTED)	%	g Z			
	N (COM	%	I	28.5	18.5	
	<b>ATURATIC</b>	%	r S	52.5	59.6	
	BASE S/	%	Σ δ	15.6	17.8	
	PERCENT BASE SATURATION (COMPUTED)	%	<u>~</u>	9.9 3.4 15.6 52.5 28.5	4.1	
	_	CAPACITY	<b>C.E.C.</b> meq/100g	6.6	8.9 4.1 17.8 59.6 18.5	
			INDEX	9.9	6.7	
	Hd	SOIL	PH 1:1	5.4	5.8	
	SODIUM	Na	RATE			
JOENDEE)		_	E ppm			
INCUINAL AIVINIOINIOINI ACETATE (EACHAINGEABLE)	CALCIUM	Са	ppm RATE	185 VH 1040 M	190 vн 1060 м	
JAIOINI ACE	ESIUM	9	RATE	, нл с	, H/ 0	
AL AIVIIVIL	MAGN	Mg	mdd		19(	
INECLIF	MOI		RATE	ェ	I	
	POTASSIUM MAGNESIUM	¥	mdd	131 н	141	
		BICARBONATE	P ppm RATE			
	ns					
	HORI	2 2 2 2 2 2 2	RATE	нл 09	Σ	
	<b>PHOSPHORUS</b>	Ы	SIKUNG BKAY) 1:7 ppm RATE	)9	26 M	
	占	9	RATE			
		P <sub>1</sub>	(weak BRAY) 1:7 ppm RATE	43 vн	1.9 L 16 M	
	ORGANIC	TER	MOURIEU LOI. percent RATE	1.6 г	7 (	
	ORG	MA	percent	1.6	7.5	
	SAMPLE	NUMBER   IDENTIFICATION   MATTER		22708 1 FRONT FL	22709 2 BEYOND P	
	LAB	NUMBER	*227*	22708	22709	

JBLE	LTS	, Rate				
σ,	SALTS	mmhos/ cm				
EXCESS	RATE					
		RATE				
BORON	B SORR DIPA	mdd				
H		RATE				
COPPER	Cu	-				
))		dd				
z	. 4	RATE				
IRON	Fe	mdd				
ESE		RATE				
MANGANESE	M L	ppm F				
MA						
υN	Zn	RATE				
ΙZ	7 5	mdd				
IR.		RATE				
SULFUR	S P	mdd				
H						
	H	lotal lbs/A				
		depth (in)				
	2	)) əp				
	SUBSOIL 2	lbs/A				
	S					
		mdd				
<b>(</b>		depth (in)				
E) N.	L 1	0			 	
<b>NITRATE-N (FIA)</b>	SUBSOIL 1	lbs/A				
EN		mdd				
		dd				
		depth (in)	9-0	9-0		
	ACE					
	SURFACE	lbs/A				
		mdd				
	ER		80	60		
LAB	NUMBER	*227*	22708	22709		
	7		()	$\sim$		

REV. 12/03

11-189-0043
REPORT DATE ACCOUNT
Jul 12, 2011
RECEIVED DATE
1234 REPORT NUMBER

Jul 8, 2011



**PAGE 1/1** 

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402 334-9121 www.midwestlabs.com

302 THOUROUGHMAN AVE FERGUSON MO 63135 **EARTHDANCE FARMS** 

## **SOIL FERTILITY RECOMMENDATIONS (POUNDS PER ACRE)**

മ	BORON						
3	COPPER						
Fe	IRON						
Mn	MANGA- NESE						
Zn							
S	SULFUR						
Mg	MAGNE- SIUM	ł	1				
K,0	POTASH	80	75				
P,O <sub>E</sub>	PHOSPHATE	:	200				
z	NITROGEN	140	140				
	ELEMENTAL SULFUR LBS/A						
NTS	л .						
NDME	GYPSUM TONS/A						
SOIL AMENDMENTS	LIMETON 90% ECCE	2.0	1.5				
	LIME LBS/A OF CaCO <sub>3</sub>	3600	2700				
PREVIOUS	CROP	ОО	QO				
YIELD	GOAL	BESTSOD	BESTSOD				
	CROP	VEGETABLES	VEGETABLES				
YOUR	SAMPLE NUMBER (LAB NUMBER)	1 FRONT FL (22722708)	2 BEYOND P (22722709)				

REV. 12/03

11-189-0043
REPORT DATE
JUI 12, 2011
RECEIVED DATE
JUI 8, 2011



**PAGE 1/2** 

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402 334-9121 www.midwestlabs.com 302 THOUROUGHMAN AVE FERGUSON MO 63135 **EARTHDANCE FARMS** 

## **AWN AND GARDEN**

EN MIDWEST SHECESTIONS FOR VECETABLES	On Veder Ables				For more information and help with fertilizer applications vist www.lawnandgardentest.com, click on the Fertilizer Calculator link and enter this code: CWALS7RHTT		
CTIONIC	Acre		140	1 8 1		ES	3600
כב כווכינו	1000 sq. ft.	GUIDELINES	3.21	1.84		NT GUIDELIN	83
DEN	100 sq. ft.	SUGGESTED FERTILITY GUIDELINES	0.32	0.18		J) CONTRACTOR OF THE CONTROLLINES	ε. ε.
LAWN AND GAKDEN	POUNDS PER	SUGGES	NITROGEN (N)	PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ) POTASH (K <sub>2</sub> O) MAGNESIUM (Mg)	SULFUR (S) ZINC (Zn) MANGANESE (Mn) IRON (Fe)	COPPER (Cu) BORON (B) SUGGESTE	90% LIME ECCE ELEMENTAL SULFUR GYPSUM
ANAIVTICAL I ABOBATOBY EINDINGS	1 FRONT FL 22722708	RESULTS LOW MEDIUM OPTIMUM V. HIGH	1.6	131		1040	6.6
VIVIV	SAMPLE IDENTIFICATION LABORATORY NUMBER	UNITS	NITROGEN ORGANIC MATTER % NITRATE-N PPPM	mdd mdd	MUTRIENTS SULFUR PPM ZINC PPM MANGANESE PPM RON PPM	mdd dd	SODIUM SOLUBLE SALTS EXCESS LIME RATE PH BUFFER INDEX C.E.C.

11-189-0043

REPORT DATE
Jul 12, 2011
RECEIVED DATE
Jul 8, 2011



**PAGE 2/2** 

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402 334-9121 www.midwestlabs.com 302 THOUROUGHMAN AVE FERGUSON MO 63135 **EARTHDANCE FARMS** 

## **AWN AND GARDEN**

	MIDWEST SUGGESTIONS FOR VEGETABLES									For more information and help with	fertilizer applications vist	www.lawnandaardentest.com,	click on the Fertilizer	Calculator link and enter this	code: CWAI S78HTT									
	<b>ESTIONS</b>	Acre		10		140	200	75	1									IES		2700				
	ST SUGG	1000	; ;	SUGGESTED FERTILITY GUIDELINES		3.21	4.59	1.72	;									SUGGESTED AMENDMENT GUIDELINES		62				
	MIDWE	100		TED FERTILIT		0.32	0.46	0.17	1									D AMENDME		6.2				
LAWN AND GARDEN		POUNDS PER		SUGGES		NITROGEN (N)	PHOSPHATE (P,O,)	POTASH (K,O)	MAGNESIUM (Mg)			SULFUR (S)	ZINC (Zn)	MANGANESE (Mn)	IRON (Fe)	COPPER (Cu)	BORON (B)	SUGGESTE	% <b>0</b> 6	LIME		<b>ELEMENTAL SULFUR</b>		GYPSUM
	ANALYTICAL LABORATORY FINDINGS	DP		LOW MEDIUM OPTIMUM V. HIGH																				
	YTICAL	2 BEYOND P	,,,,,	RESULTS		1.9	16	_	190									1060		>	_	5.8	6.7	6.8
	ANA	SAMPLE IDENTIFICATION		ANALYTE UNITS	NITROGEN	ORGANIC MATTER %	SI	POTASSIUM ppm	MAGNESIUM ppm	MICRO-	NUTRIENTS	SULFUR ppm	<b>ZINC</b> bpm	MANGANESE ppm	IRON	COPPER ppm	<b>BORON</b> ppm	CALCIUM	MUIGOS Mondos	SOLUBLE SALTS   mmhos/ cm	<b>EXCESS LIME RATE</b>	Hd	BUFFER INDEX	C.E.C. meq/