

# Training Manual: Ohio Agriculture Fertilizer Applicator Certification

## Soil Test Example Report 1

CORRECTIONS to the December 2021 edition are highlighted below.



To: Farm Client  
Buckeye Farms  
685 Field Drive  
Our Town, OH 43XXX

For:  
Farm:  
Field:

Report Number: 15001-2020  
Account Number: 0110

Attn:

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### SOIL TEST REPORT

Date Received: 10/14/2020  
Date Reported: 10/15/2020

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Sample ID	Lab Number	Organic Matter %	Phosphorus		Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	Sodium Na ppm	Soil pH	Buffer pH	CEC meq/100g	Percent Cation Saturation				
			Bray-1 Equiv ppm-P	Bray P2 ppm-P								% K	% Mg	% Ca	% H	% Na
3	20565	2.9	25 M		114 M	465 VH	1500 M		7.0		11.7	2.5	33.2	64.3		
4	20566	5.0	54 VH		182 H	605 VH	2200 M		7.1		16.5	2.8	30.5	66.6		
5	20567	3.2	56 VH		184 H	525 VH	1550 M		7.2		12.6	3.7	34.7	61.5		
6	20568	4.7	34 H		137 M	525 VH	1850 M		6.3	6.8	16.4	2.1	26.7	56.5	14.7	
7	20569	3.1	29 M		117 M	445 VH	1450 M		7.0		11.3	2.7	32.9	64.4		
8	20570	3.1	31 H		138 M	425 VH	1500 M		6.6	6.9	12.6	2.8	28.1	59.5	9.5	
9	20571	3.2	39 H		180 H	665 VH	2500 M		7.2		18.5	2.5	29.9	67.6		
10	20574	3.6	18 L		109 M	575 VH	2050 M		7.4		15.3	1.8	31.3	66.9		
11	20575	3.0	30 H		139 M	495 VH	1600 M		7.1		12.5	2.9	33.0	64.1		
12	20576	2.4	38 H		151 H	510 VH	1550 M		7.3		12.4	3.1	34.3	62.6		

VL = Very Low L = Low M = Medium H = High VH = Very High

## Soil Test Example Report 2

PENNSTATE



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Agricultural Analytical Services Laboratory  
The Pennsylvania State University  
University Park, PA 16802  
www.aasl.psu.edu

SOIL TEST REPORT FOR:				ADDITIONAL COPY TO:			
Farm Client Buckeye Farms 685 Field Drive Our Town OH 43XXX							
DATE	LAB #	SERIAL #	COUNTY	ACRES	ASCS ID	FIELD ID	SOIL
02/28/2017	SXX-22276	92204	OH-XX	12		25	

SOIL NUTRIENT LEVELS			Below Optimum	Optimum	Above Optimum
<sup>1</sup> Soil pH	4.6	2			
<sup>2</sup> Phosphorus (P)	11	ppm	4 A		
<sup>2</sup> Potassium (K)	194	ppm	5 A		
<sup>2</sup> Magnesium (Mg)	290	ppm			

ADDITIONAL RESULTS		Optional Tests:			<sup>2</sup> Trace Elements			
<sup>2</sup> Calcium (ppm)	<sup>3</sup> Acidity (meq/100 g)	<sup>4</sup> CEC (meq/100 g)	% Saturation of the CEC			See back for comments		
905	5.7	23.8	K	Mg	Ca	Zinc ppm	Copper ppm	Sulfur ppm
			3.8	18.4	34.4	4.4	3.6	13.5

Test Methods: <sup>1</sup>1:1 soil:water pH, <sup>2</sup>Mehlich 3 (ICP), <sup>3</sup>Mehlich Buffer pH, <sup>4</sup>Summation of Cations

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