

AGRICULTURAL DIAGNOSTIC SERVICE LABORATORY

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University of Arkansas, Dept. of Crops, Soils, and Environmental Science

MANURE FOR FERTILIZER ANALYSIS (report for AGRI-429)



Name:	_____	Received in lab:	1/03/2019
Address:	_____	Report e-mailed:	1/09/2019
City, State, Zip:	_____	Phone #:	_____
County:	JOHNSON	Payment Info:	_____
E-Mail:	_____		

Lab. No.	Mxxxxx	Mxxxxx
Sample No.	BRITT	BRITT
Animal type	turkeys	
-age/lbs	9 weeks	
Bedding type	rice hulls	
Manure type	cleanout	
Sample date	no info	
Age of manure	no info	
pH	9.0	
Ec(µmhos) 1:2	9500	1:5 _____
% H2O	52.4	
% Solids	47.6	

		-on dry basis-	Water
Total %N	4.16	Total %Mg	Extractable P mg/kg _____
		Total %S	_____
Total %P	1.20	Na,mg/kg	_____
		Fe,mg/kg	_____
Total %K	3.28	Mn,mg/kg	_____
Total %Ca	1.63	Zn,mg/kg	_____
Total %C	_____	Cu, mg/kg	_____
NO3-N, mg/kg	_____	B, mg/kg	_____
NH4-N, mg/kg	_____	Al, mg/kg	_____

		-on as-is basis-	Water
Total %N	1.98	Total %Mg	Extractable P mg/kg _____
		Total %S	_____
Total %P	0.57	Na,mg/kg	_____
		Fe,mg/kg	_____
Total %K	1.56	Mn,mg/kg	_____
Total %Ca	0.78	Zn,mg/kg	_____
Total %C	_____	Cu, mg/kg	_____
NO3-N, mg/kg	_____	B, mg/kg	_____
NH4-N, mg/kg	_____	Al, mg/kg	_____

		-lbs/ton on as-is basis-	Water Extractable P
N	39.6	Mg	_____
P2O5	26.2	S	_____
K2O	37.8	Na	_____
Ca	15.5	Fe	_____
Carbon	_____	Mn	_____
NO3-N	_____	Zn	_____
NH4-N	_____	Cu	_____
		B	_____
		Al	_____

***All analyses performed on as-is basis. Dry basis values calculated from moisture content.
 *lbs/ton P2O5 = %Total P on "as-s" basis multiplied by 20*2.29
 *lbs/ton K2O - %Total K on "as-is" basis multiplied by 20*1.2