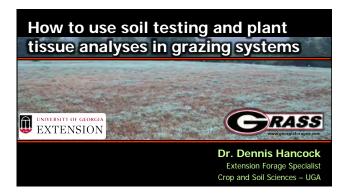
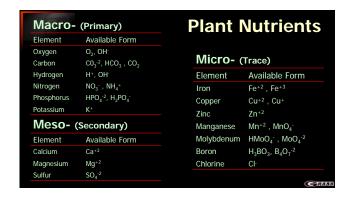
How to use soil testing and plant tissue analyses in grazing systems



Dr. Dennis Hancock Prof. & Forage Ext. Specialist



















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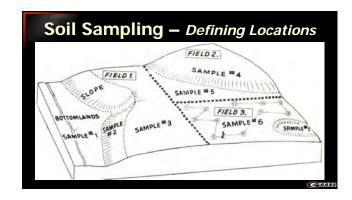


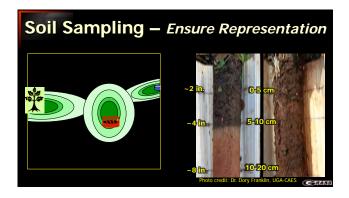
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Soil Sampling - The Sample

- 1 sample should represent 5 to not more than 15 acres.
 - Tremendous variabilitySoil types, slope, drainage, past mgmt., etc.
- 1 sample should consist of 15-20 cores from random locations around the field.
 - Place in bucket, mix thoroughly, and "move mountains" until you've gotten it down to a size that fills the soil test bag.





NOTE:	Soil Te	st Ran	iges	
	Low	Med	High	V. High
Phosphorus	0-20	21-40	41-75	75+
Potassium	0-100	101-200	201-350	350+
	Low		Adequate	
Calcium	0-400	40	1+	
	Low	Med	High	
Magnesium	0-60	61-120	121+	
				Piedmont

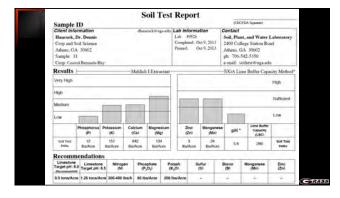






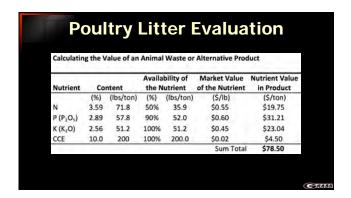


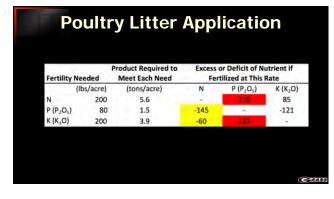
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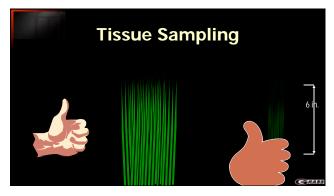
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Results Reported on an as-rec	eived wet b	ousis.)			
Lab Results	16	Ibs/ton	Lab Results	ppm	lbs/ton
Total Nitrogen	3.59	71.8	Manganese	290	0.58
Phosphorus (P ₂ O ₅)	2.89	57.9	Iron	485	0.97
Potassium (K ₂ O)	2.56	51.2	Aluminum	381	0.76
Calcium	1.86	37.2	Boron	<2.00	negligible
Magnesium	0.54	10.8	Copper	278	0.56
Sulfur	1.10	22.0	Zinc	345	0.69









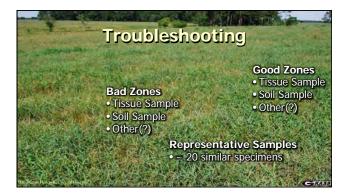








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