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Animal Science Reports

1985

## South Dakota Animal Disease Research And Diagnostic Laboratory Poultry Disease Investigations

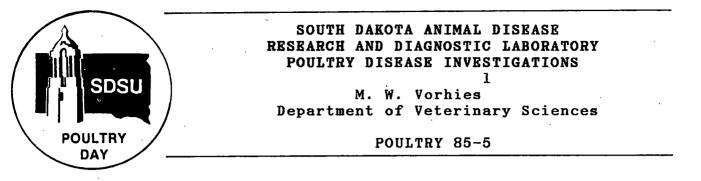
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Vorhies, M. W., "South Dakota Animal Disease Research And Diagnostic Laboratory Poultry Disease Investigations" (1985). South Dakota Poultry Field Day Proceedings and Research Reports, 1985. Paper 6. http://openprairie.sdstate.edu/sd\_poultry\_1985/6

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The South Dakota poultry industry may not be relatively large, and disease problems are minimal due to excellent preventative health programs available to the industry. The Animal Disease Research and Diagnostic Laboratory does provide a full service support system. Following is a list of diagnoses made from case submissions. The basic overall conclusion is that no serious epidemic disease processes occurred. Environmental house management is very important in controlling some infectious diseases of turkeys.

Abscess1pheasantAdenovirus Infection2Amyloidosis12Botulism1duckCannibalism191Dehydration92Emaciation341Gout4Health Evaluation, Normal791Neoplasm10Obesity11Parasitism, Histomonas1Septicemia, Erysipelothrix1Septicemia, R. coli2Septicemia, Salmonella50Septicemia, Staphylococcus5aureus1Septicemia, Streptococcus3Starvation4Sudden Death, Idiopathic2Toxicosis, Lead2Trauma4MusculoskeletalMusculoskeletalAmyloskeletalAnthritis14	<u>Body as a Whole</u>	<u>Chicken</u>	<u>Turkey</u>	<u>Other</u>
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Trauma411duckTuberculosis3Musculoskeletal	Sudden Death, Idiopathic			2 duck, 2 pheasant
Tuberculosis     3 <u>Musculoskeletal</u>	Toxicosis, Lead			2 geese
<u>Musculoskeletal</u>			1	l duck
	Tuberculosis	3		
	<u>Musculoskeletal</u>			
	Arthritis		14	

Head of Department, Director, Diagnostic Laboratory

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	Chicken	<u>Turkey</u>	<u>Other</u>
Arthritis, Staphylococcus aureus	1		l duck
Foot-Abnormal	3		
Osteodystrophy	6	9	
Osteomyelitis	·	1	
Synovitis	1	ī	
Bynovitis	-	-	
Respiratory			
Airsacculitis Complex	2	13	l duck, 2 geese
Aspergillosis	-	11	l goose
Coryza (Acaligenes faecalis)	1		l goose
Infectious Bronchitis	1 3	1	
Lung-Pneumonia	3	T	l duck
Lung-Pneumonia, Broncho			1 duck
Lung-Pneumonia, Pasteurella			l goose
hemolytica Imag Decumenta – Posteurella			1 g0030
Lung-Pneumonia, Pasteurella multocida		2	
Respiratory Infection,		2	
Idiopathic		1	
Respiratory Infection,		-	
Staphylococcus aureus	1		
Sinusitis		1	
014601010			
<u>Cardiovascular</u>			
Aortic Rupture	1	12	
Pericarditis	3	-	
Round Heart Disease		1	
Hemic and Lymphatic			
Anemia, Aplastic	1		
Hemoprotozoan sp.	-		l goose
Hemorrhage, Generalized	8		
Infectious Bursal Disease	1		
Neoplasm, Lymphoid Leukosis	140	1	
Neoplasm, Marek's Disease,			
Generalized	1		
Digestive	0		
Cloaca-Prolapse	2	1	
Crop-Mycosis	1	1	
Gizzard-Impaction	1 a 9		
Intestine-Enteritis, Coccidi	a y		
Intestine-Enteritis,		2	
Enterovirus Intestine-Enteritis, E. coli		1	
Intestine-Enteritis, E. Coll Intestine-Enteritis,		Ŧ	
Intestine-Enteritis, Idiopathic	3	10	· · ·
Intestine-Enteritis, Necroti		TV	l goose
Intestine-Enteritis, Retroit		5	- 0
Intestine-Enteritis, Rocavil		-	
Salmonella		3	
Intestine-Impaction			l goose
Intestine-Parasitism,			-
Acanthocephalus			l goose
-			

	<u>Chicken</u>	<u>Turkey</u>	<u>Other</u>
Intestine-Parasitism, Coccidia		24	l goose, 3 pheasant
Intestine-Parasitism,			
Hexamita	· -	1	
Liver-Granuloma, E. coli	1 8	2	2 duals 2 daara
Liver-Hepatitis	. 8	2	3 duck, 2 geese, 1 pheasant
Liver-Hepatosis		1	1 photoant
Liver-Lipidosis	6	1	
Liver-Neoplasm	1		
Parvovirus	1		
<u>Urogenital</u>			• •
Blow-out	5		. ·
Egg Production Decreased	3		
Internal Layer	10		
Kidney-Cyst (Polycystic)	1		
Kidney-Neoplasm	1		
Ovary-Neoplasm	1		
Ovary-Neoplasm, Ovaritis	1		
Oviduct-Cyst	1		
Oviduct-Impaction	4		
Oviduct-Rupture	. 1		
Nervous			
Encephalitis, Non-			
suppurative	6		
Encephalitis, Nutritional	,	2	
Encephalomalacia	1		
Marek's Disease, Neural	1		
Meningitis Maning dition			l goose
Meningitis, Suppurative	2	1	l duck
Neurological Disorder	4	T	
Special Senses		`	· .
Eye-Conjunctivitis	1		