



NSW Agriculture & Rural Lands Protection Boards

ANIMAL HEALTH SURVEILLANCE REPORT

APRIL-MAY-JUNE 1993

Welcome to the first *Animal Health Surveillance Report*. It is largely the product of considerable effort by District Veterinarians, Veterinary Officers and Senior Field Veterinary Officers in particular to incorporate their data on disease occurrences during April and May into the new *Fieldvet* disease recording system. With the incorporation of more surveillance information from the laboratories and other sources, the content and quality of this AHS report will improve.

I would also like to invite you to use this report to publish summaries of significant investigations or projects of a surveillance nature. These may include summary reports of new or unusual conditions like "Paroo Stagers" and surveys like the EBL bulk milk survey. Please submit them as Wordperfect documents on disk or via the COMMON area on DEEP.

1 Significant Disease Events

Animal deaths are a major source of economic loss to individual owners and to the industries overall. For the months of April and May the *Fieldvet* database includes about 150 incidents in all species where the main problem was death or sudden death. Nearly 11,000 animals died of 170,000 at risk. An undiagnosed acute mortality occurred on a property in the Uralla area with over 25 cattle dying. There was spectacular liver pathology however no agent or toxin has yet been identified. Another undiagnosed mortality occurred where 24 animals, placed in a forest lease country east of Tenterfield died over a 14 day period. There are many poisonous plants in the area and one or more are suspected to be responsible.

Environmental contamination by "old" chemicals is still a threat to stock. In the Orana region 4 of 17 cattle died of lead poisoning after having access to an old car battery while arsenic contamination around an old dip site killed sheep yarded for shearing.

2 Disease Trends and Predictions

In areas still drought affected, the cold conditions and feed shortage are likely to result in higher incidences of **metabolic problems**, especially hypomagnesaemia in breeding cattle and pregnancy toxemia in ewes.

Bloat and enterotoxaemia may follow further rain in northern NSW where there should be a good growth of trefoils and other legumes and where there is very little other feed left.

Tables summarising the spread of four important **insect-transmitted viruses** (bluetongue,

akabane, palyam and ephemeral fever viruses) during the summer-autumn are attached. Individual monthly data has not been entered for several inland sentinel groups but they have all been monitored negative this year and complete results will be reported next month. Akabane virus was active on the north coast and Hunter during the late summer and "dummy calves" have been born in June. For the first year since 1989 bluetongue virus has been detected in NSW sentinel herds on the north coast. Spread extended to the Manning but was patchy with no seroconversions being detected at Kempsey. Palyam virus is suspected to have been the cause of a vague syndrome resembling ephemeral fever on the north coast during the autumn. Sentinel monitoring and investigations of cases have not found any evidence of ephemeral fever itself this year.

3 Developments in Disease Recording and Reporting

Background

The need for improved surveillance and recording of diseases in livestock is increasing as animal health certification for trade purposes becomes more important. The Office International des Epizooties (OIE) is developing guidelines and an international animal health information system to assist trading nations assess one another's health status and facilitate negotiations between them to minimise the risk of spreading important diseases through trade. The quality of disease information required for certification to assure trading partners and to justify excluding risky overseas animal products will increase as tariffs are reduced under the GATT.

An important trading competitor in livestock products, New Zealand, has been promoting its good animal health status for several years and supporting its claims by undertaking special investigations on certain important diseases. New South Wales and other Australian States are also committed to providing and promoting greater assurance on animal health. Earlier this year we submitted our first report to the National Animal Health Information System, and feedback from Canberra indicated that the NSW submission was the most comprehensive received.

Subsequently, NSW has helped establish a "task-force" comprising surveillance leaders from four States and the Commonwealth to assess the current needs for information on specific diseases and to develop a plan and budget to procure that information. We hope to complete that task over 3 days in Canberra in mid-July.

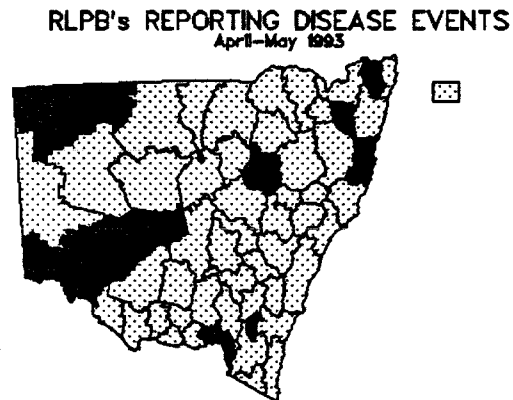
Field Disease Recording

Since 1987, SFVO's have been entering disease records from diary sheets submitted by field veterinarians into regional databases operating in Open Access. Last year, the DV at Tamworth, Evan Sergeant with the assistance of others, including Ross Burton from Head Office, designed a new version of the disease recording system so that DV's and VO's could maintain their own computerised disease records. This is important for their own surveillance and for property and district certification of individual stock movements interstate and overseas.

The new system allows them to send summary records to SFVO's who then collate the data and report on a regional basis. They in turn submit the regional data electronically to head office for incorporation into the State database and reports. For the moment most DV's are still using the diary sheets and sending them to SFVO's for data entry. Almost 700 disease records for April and May were submitted for about 80% of RLPB districts. Interest in the computerised system is growing and this month, for instance, the program was installed in another five district offices by Rob Walker, SFVO Wagga. In SFVO

Gunnedah's area, 7 of 9 DV's have installed the system.

All SFVO's have submitted data electronically in April-May. The map illustrates that data was received from most districts for that period. A breakdown of the numbers of reports by species is attached. Summary reports of diagnoses made for different livestock species are also attached to illustrate the data submitted to the *Fieldvet* system and that can be analysed. Diagnoses are classed as confirmed (CONF) or suspect (SUSP) depending on the field veterinarian's confidence in his or her diagnosis.



Standard reports summarising diagnoses by district, SFVO area and month are also available, as well as details of specific diagnoses. Furthermore, anyone familiar with *Epi Info* can easily analyse the database. For instance the diagnoses and numbers of cases made for a certain presenting problem such as lameness can be analysed. The mapping package, *Epi Map*, designed to run with *Epi Info* is on order and maps of disease distribution will be produced in future reports.

Laboratory Disease Recording

Veterinary laboratories have also maintained individual information systems to help manage their work and to report results. Development of the *Labsys* system by Owen Elvery and Don Jones is nearly completed. In June Ray Webb and the OIC's of the five Regional Veterinary Laboratories met with Owen and others to review progress. A formal review was also conducted with Filipe Estanislau of the IT branch. The system will be installed in August and within a few months summary data should be routinely available from the laboratories for enquiry and reporting. In the meantime SFVO's will continue to monitor laboratory results as part of their regional surveillance programs and laboratories publish monthly or quarterly reports.

Getting Information on the Occurrence of Animal Diseases

This surveillance report can only convey a very limited amount of information about the occurrence and distribution of livestock diseases in NSW. If you would like more specific information about diseases occurring in your part of the State, contact your local RLPB District Veterinarian or departmental Senior Field Veterinary Officer or Regional Veterinary Laboratory. For statewide information contact David Kennedy.

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ARBOVIRUS SENTINEL HERD SUMMARY
1992-93

BLUETONGUE VIRUS	O/N	D	J	F	M	A	M	J	Comments
Lismore	-	-	-	-	✓	-	✓	-	
Casino	-	-	-	-	-	✓	-	-	
Grafton	-	-	-	-	-	-	✓	✓	
Coffs Harbour	-	-	-	-	-	-	-	-	
Dorrigo	-	-	-	-	-	-	-	-	
Kempsey	-	-	-	-	-	-	-	-	
Taree	-	-	-	-	-	-	-	✓	
Gloucester	-	-	-	-	-	-	-	-	
Paterson	-	-	-	-	-	-	-	-	
Singleton	-	-	-	-	-	-	-	-	
Scotts	-	-	-	-	-	-	-	-	
Richmond	-	-	-	-	-	-	-	-	
Camden	-	-	-	-	-	-	-	-	
Nowra	-	-	-	-	-	-	-	-	
Bodalla	-	-	-	-	-	-	-	-	
Bega	-	-	-	-	-	-	-	-	
Inverell	-	-	-	-	-	-	-	-	
Moree	-	-	-	-	-	-	-	-	
Tamworth	-	-	-	-	-	-	-	-	
Mudgee	-	-	-	-	-	-	-	-	
Dubbo	-	-	-	-	-	-	-	-	
Cowra	-	-	-	-	-	-	-	-	
Wagga	-	-	-	-	-	-	-	-	
Yanco	-	-	-	-	-	-	-	-	
Bourke	-	-	-	-	-	-	-	-	
Cobar	-	-	-	-	-	-	-	-	
Westworth	-	-	-	-	-	-	-	-	

ARBOVIRUS SENTINEL HERD SUMMARY
1992-93

ALABAMA VIRUS	O/N	D	J	F	M	A	M	J	Comments
Lismore	-	-	-	-	X	X	X	X	
Casino	-	-	-	✓	-	-	-	-	
Grafton	-	-	-	-	X	X	X	X	
Coffs Harbour	-	-	-	X	X	X	X	X	
Dorrigo	-	-	-	-	✓	-	-	-	
Kempsey	-	-	-	✓	X	X	X	X	
Taree	-	-	-	-	✓	X	X	X	
Gloucester	-	-	-	-	✓	X	X	X	
Paterson	-	-	-	-	-	X	X	X	
Singleton	-	-	-	-	-	-	-	-	
Scotts	-	-	-	-	-	-	-	-	
Richmond	-	-	-	-	-	-	-	-	
Camden	-	-	-	-	-	-	-	-	
Nowra	-	-	-	-	-	-	-	-	
Bodalla	-	-	-	-	-	-	-	-	
Bega	-	-	-	-	-	-	-	-	
Inverell	-	-	-	-	-	-	-	-	
Moree	-	-	-	-	-	-	-	-	
Tamworth	-	-	-	-	-	-	-	-	
Mudgee	-	-	-	-	-	-	-	-	
Dubbo	-	-	-	-	-	-	-	-	
Cowra	-	-	-	-	-	-	-	-	
Wagga	-	-	-	-	-	-	-	-	
Yanco	-	-	-	-	-	-	-	-	
Bourke	-	-	-	-	-	-	-	-	
Cobar	-	-	-	-	-	-	-	-	
Westworth	-	-	-	-	-	-	-	-	

ARBOVIRUS SENTINEL HERD SUMMARY
1992-93

PALLYAM VIRUS	O/N	D	J	F	M	A	M	J	Comments
Lismore	-	-	-	-	-	-	-	-	
Casino	-	-	-	-	✓	✓	X	X	
Grafton	-	-	-	-	✓	✓	X	X	
Coffs Harbour	-	-	-	-	-	-	✓	-	
Dorrigo	-	-	-	-	-	-	-	✓	
Kempsey	-	-	-	-	-	-	✓	-	
Taree	-	-	-	-	-	-	✓	-	
Gloucester	-	-	-	-	-	-	✓	-	
Paterson	-	-	-	-	-	-	✓	-	
Singleton	-	-	-	-	-	-	-	-	
Scotts	-	-	-	-	-	-	-	-	
Richmond	-	-	-	-	-	-	-	-	
Camden	-	-	-	-	-	-	-	-	
Nowra	-	-	-	-	-	-	-	-	
Bodalla	-	-	-	-	-	-	-	-	
Bega	-	-	-	-	-	-	-	-	
Inverell	-	-	-	-	-	-	-	-	
Moree	-	-	-	-	-	-	-	-	
Tamworth	-	-	-	-	-	-	-	-	
Mudgee	-	-	-	-	-	-	-	-	
Dubbo	-	-	-	-	-	-	-	-	
Cowra	-	-	-	-	-	-	-	-	
Wagga	-	-	-	-	-	-	-	-	
Yanco	-	-	-	-	-	-	-	-	
Bourke	-	-	-	-	-	-	-	-	
Cobar	-	-	-	-	-	-	-	-	
Westworth	-	-	-	-	-	-	-	-	

ARBOVIRUS SENTINEL HERD SUMMARY
1992-93

EPHEMERAL FEVER VIRUS	O/N	D	J	F	M	A	M	J	Comments
Lismore	-	-	-	-	-	-	-	-	
Casino	-	-	-	-	-	-	-	-	
Grafton	-	-	-	-	-	-	-	-	
Coffs Harbour	-	-	-	-	-	-	-	-	
Dorrigo	-	-	-	-	-	-	-	-	
Kempsey	-	-	-	-	-	-	-	-	
Taree	-	-	-	-	-	-	-	-	
Gloucester	-	-	-	-	-	-	-	-	
Paterson	-	-	-	-	-	-	-	-	
Singleton	-	-	-	-	-	-	-	-	
Scotts	-	-	-	-	-	-	-	-	
Richmond	-	-	-	-	-	-	-	-	
Camden	-	-	-	-	-	-	-	-	
Nowra	-	-	-	-	-	-	-	-	
Bodalla	-	-	-	-	-	-	-	-	
Bega	-	-	-	-	-	-	-	-	
Inverell	-	-	-	-	-	-	-	-	
Moree	-	-	-	-	-	-	-	-	
Tamworth	-	-	-	-	-	-	-	-	
Mudgee	-	-	-	-	-	-	-	-	
Dubbo	-	-	-	-	-	-	-	-	
Cowra	-	-	-	-	-	-	-	-	
Wagga	-	-	-	-	-	-	-	-	
Yanco	-	-	-	-	-	-	-	-	
Bourke	-	-	-	-	-	-	-	-	
Cobar	-	-	-	-	-	-	-	-	
Westworth	-	-	-	-	-	-	-	-	

Key: - no seroconversions

✓ seroconversions

X all animals seropositive

18.6.93

FIELDVET
SUMMARY DISEASE REPORT FOR THE PERIOD
01/04/93 TO 31/05/93

SUMMARY OF REPORTS MADE FOR ALL SPECIES

SPECIES	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
AVIAN	2	1	0	0	0	3
BEEF	103	84	0	0	0	187
CAMELID	1	0	0	0	0	1
CATTLE (unspecified)	27	12	0	0	0	39
DAIRY	30	29	0	0	0	59
DEER	1	0	0	0	0	1
GOATS	6	4	0	0	0	10
HORSES	1	2	0	0	0	3
OTHER	4	1	0	0	0	5
PIGS	9	6	0	0	0	15
POULTRY	5	1	0	0	0	6
SHEEP	231	111	4	0	0	348
TOTAL	420	251	4	0	0	677

FIELDVET
SUMMARY DISEASE REPORT FOR THE PERIOD
01/04/93 TO 31/05/93

BEEF DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
ACIDOSIS	1	0	0	0	0	1
ACTINOBACILLOSIS	4	3	0	0	0	7
ACTINOMYCOSIS	2	0	0	0	0	2
ANTHRAX NEGATIVE	1	0	0	0	0	1
BACILLARY HAEMOGLOBINURIA	0	1	0	0	0	1
BLACK DISEASE	1	0	0	0	0	1
BLACKLEG	2	0	0	0	0	2
BLOAT	3	0	0	0	0	3
CAMPYLOBACTERIOSIS	10	1	0	0	0	11
CHEMICAL POISONING	1	0	0	0	0	1
COCCIDIOSIS	1	0	0	0	0	1
COLIBACILLOSIS	2	2	0	0	0	4
CONGENITAL DEFECT	1	0	0	0	0	1
COPPER DEFICIENCY	0	1	0	0	0	1
DRENCHPLAN	0	1	0	0	0	1
DYSTOCIA	1	0	0	0	0	1
ENTERITIS	0	1	0	0	0	1
ENTEROTOXAEMIA	1	7	0	0	0	8
FLYSTRIKE	1	0	0	0	0	1
FOOT ABSCESS	1	3	0	0	0	4
FOOTROT	1	0	0	0	0	1
GRAIN POISONING	1	2	0	0	0	3
HYPOCALCAEMIA	2	0	0	0	0	2
HYPOMAGNEAEMIA	2	2	0	0	0	4
IMPACTION	1	1	0	0	0	2
JOHNE'S DISEASE	1	1	0	0	0	2
KETOSIS (ACETONAEMIA)	2	0	0	0	0	2
LEAD POISONING	1	1	0	0	0	2
LEPTOSPIROSIS	10	0	0	0	0	10
LICEKILL	0	1	0	0	0	1
LISTERIOSIS	1	0	0	0	0	1
LUPINOSIS	0	1	0	0	0	1
MALNUTRITION	2	1	0	0	0	3
MANGE	1	0	0	0	0	1
MUCOSAL DISEASE	2	3	0	0	0	5
NECROBACILLOSIS	0	1	0	0	0	1
NEOPLASIA	4	1	0	0	0	5
NOT APPROPRIATE	2	0	0	0	0	2
NOT FINALISED	1	9	0	0	0	10
NOT LISTED	4	11	0	0	0	15
NUTRITIONAL SCOUR	2	0	0	0	0	2
NUTRITIONAL STRESS	1	1	0	0	0	2
OSTERTAGIOSIS	3	1	0	0	0	4
PARASITES INTERNAL	3	5	0	0	0	8
PASPALUM STAGGERS	4	3	0	0	0	7
PESTIVIRUS INFECTION	2	5	0	0	0	7
PHOSPHORUS DEFICIENCY	0	1	0	0	0	1
PHOTOSENSITISATION	0	1	0	0	0	1
PINKEYE	1	0	0	0	0	1
PNEUMONIA	8	3	0	0	0	11
POISONING	0	2	0	0	0	2
POLYARTHRITIS	1	0	0	0	0	1
PROTOZOAL ABORTION	1	1	0	0	0	2
RINGWORM	1	0	0	0	0	1
RYEGRASS STAGGERS	0	3	0	0	0	3
SELENIUM DEFICIENCY	0	1	0	0	0	1
T R P	2	0	0	0	0	2
TICK IXODES	0	1	0	0	0	1
TRAUMA	2	1	0	0	0	3
VAGINAL PROLAPSE	1	0	0	0	0	1
TOTAL	103	84	0	0	0	187

CATTLE (unspecified)

DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
ACTINOBACILLOSIS	0	1	0	0	0	1
BLACK DISEASE	1	0	0	0	0	1
BLACKLEG	1	0	0	0	0	1
BLOAT	0	1	0	0	0	1
BLUE GREEN ALGAL POISONING	0	1	0	0	0	1
CAMPYLOBACTERIOSIS/VIBRIO	1	0	0	0	0	1
CERTIFICATION	1	0	0	0	0	1
CYANIDE POISONING	1	0	0	0	0	1
DYSTOCIA	1	0	0	0	0	1
FASCIOLIASIS	1	0	0	0	0	1
FOOT ABSCESS	1	0	0	0	0	1
GRAIN POISONING	1	0	0	0	0	1
JOHNE'S DISEASE	1	0	0	0	0	1
LICE	1	0	0	0	0	1
LUPINOSIS	1	0	0	0	0	1
MALNUTRITION	1	0	0	0	0	1
MYOPATHY NUTRITIONAL	0	1	0	0	0	1
NECROBACILLOSIS	1	0	0	0	0	1
NEOPLASIA	1	0	0	0	0	1
NOT FINALISED	1	2	0	0	0	3
NOT LISTED	1	1	0	0	0	2
NUTRITIONAL STRESS	4	1	0	0	0	5
PARAMPHISTOMIASIS	1	0	0	0	0	1
PASPALUM STAGGERS	0	1	0	0	0	1
PASTURELLOSIS	1	0	0	0	0	1
PHALARIS POISONING	0	2	0	0	0	2
PINKEYE	1	0	0	0	0	1
PNEUMONIA	2	1	0	0	0	3
UREA POISONING	1	0	0	0	0	1
TOTAL	27	12	0	0	0	39

DAIRY

DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
BLOAT	2	0	0	0	0	2
BRACKEN FERN POISONING	1	0	0	0	0	1
CAMPYLOBACTERIOSIS/VIBRIO	0	1	0	0	0	1
COLIBACILLOSIS	1	0	0	0	0	1
CONGENITAL DEFECT	1	0	0	0	0	1
CYANIDE POISONING	0	1	0	0	0	1
E B L	1	1	0	0	0	2
ENTERITIS	1	0	0	0	0	1
FASCIOLIASIS	1	0	0	0	0	1
FOOT ABSCESS	1	0	0	0	0	1
GRAIN POISONING	0	1	0	0	0	1
GREEN CESTRUM POISONING	0	1	0	0	0	1
HYPOCALCAEMIA	2	1	0	0	0	3
HYPOMAGNESAEMIA	2	0	0	0	0	2
I B R	0	1	0	0	0	1
JOHNE'S DISEASE	1	1	0	0	0	2
KETOSIS (ACETONAEMIA)	0	1	0	0	0	1
KIKUYU POISONING	0	1	0	0	0	1
LAMINITIS	1	0	0	0	0	1
LEPTO HARDJO	0	2	0	0	0	2
LEPTOSPIROSIS	2	3	0	0	0	5
MALIGNANT OEDEMA	1	0	0	0	0	1
MASTITIS SUBCLINICAL	1	0	0	0	0	1
NEOPLASIA	1	0	0	0	0	1
NOT APPROPRIATE	0	1	0	0	0	1
NOT FINALISED	0	3	0	0	0	3
NOT LISTED	3	3	0	0	0	6
NUTRITIONAL STRESS	0	1	0	0	0	1
PARASITES INTERNAL	2	0	0	0	0	2
PERITONITIS	1	0	0	0	0	1
PESTIVIRUS INFECTION	1	0	0	0	0	1
PLANT POISONING	1	0	0	0	0	1
PNEUMONIA	1	1	0	0	0	2
ROCK FERN POISONING	0	1	0	0	0	1
RYEGRASS STAGGERS	0	1	0	0	0	1
SALMONELLOSIS	0	3	0	0	0	3
T R P	1	0	0	0	0	1
TOTAL	30	29	0	0	0	59

PIGS

DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
CERTIFICATION	1	0	0	0	0	1
COLISEPTICAEMIA	1	0	0	0	0	1
FRACTURE	0	1	0	0	0	1
MANGE	0	1	0	0	0	1
MULBERRY HEART DISEASE	0	2	0	0	0	2
NOT LISTED	4	1	0	0	0	5
PNEUMONIA	0	1	0	0	0	1
POLYARTHRITIS	1	0	0	0	0	1
SWINE POX	1	0	0	0	0	1
WHIPWORMS	1	0	0	0	0	1
TOTAL	9	6	0	0	0	15

POULTRY

DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
ASCARIASIS	1	0	0	0	0	1
MYCOPLASMOSIS	1	0	0	0	0	1
NOT LISTED	2	1	0	0	0	3
WATER DEPRIVATION	1	0	0	0	0	1
TOTAL	5	1	0	0	0	6

AVIAN

DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
NOT LISTED	0	1	0	0	0	1
PSITTACOSIS	1	0	0	0	0	1
TUBERCULOSIS	1	0	0	0	0	1
TOTAL	2	1	0	0	0	3

SHEEP DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
ACIDOSIS	1	0	0	0	0	1
ANTHELMINTIC RESISTANCE	1	1	0	0	0	2
ANTHRAX NEGATIVE	1	0	0	0	0	1
ARTHRITIS	0	1	0	0	0	1
BRUCELLOSIS	1	1	0	0	0	4
BRUCELLOSIS NEGATIVE	2	0	0	0	0	2
C L A	2	0	0	0	0	2
CHEMICAL POISONING	0	1	0	0	0	1
COCCIDIOSIS	0	1	0	0	0	1
COLD STRESS	0	1	0	0	0	1
DERMATOPHILOSIS	2	2	0	0	0	4
DRENCHPLAN	2	3	0	0	0	5
ENTERITIS	2	2	0	0	0	4
ENTEROTOXAEMIA	1	4	0	0	0	5
EPERYTHROZONOSIS	1	0	0	0	0	1
EPIDIDYMITIS	0	1	0	0	0	1
FASCIOLIASIS	9	2	0	0	0	11
FLYSTRIKE	2	0	0	0	0	2
FOOT ABSCESS	5	0	0	0	0	5
FOOTROT	8	0	0	0	0	8
FOOTROT ADVISORY	1	0	0	0	0	1
FOOTROT BENIGN	6	1	0	0	0	7
FOOTROT NEGATIVE	8	2	0	0	0	10
FOOTROT VIRULENT	17	2	4	0	0	23
GRAIN POISONING	5	1	0	0	0	6
HAEMONCHOSIS	29	4	0	0	0	33
HYPOCALCAEMIA	1	0	0	0	0	1
ITCH MITE	1	0	0	0	0	1
JOHNE'S DISEASE	2	0	0	0	0	2
LICE	17	1	0	0	0	18
LICE NEGATIVE	6	0	0	0	0	6
LICEKILL	0	2	0	0	0	2
LUNGWORM	1	0	0	0	0	1
LUPINOSIS	8	1	0	0	0	9
MALNUTRITION	3	1	0	0	0	4
MANGE	1	0	0	0	0	1
MASTITIS	1	0	0	0	0	1
MASTITIS CLINICAL	1	1	0	0	0	2
MYCOTOXICOSIS	1	0	0	0	0	1
NEOPLASIA	1	0	0	0	0	1
NITRATE/NITRITE POISONING	0	1	0	0	0	1
NOT APPROPRIATE	0	5	0	0	0	5
NOT FINALISED	3	9	0	0	0	12
NOT LISTED	6	26	0	0	0	32
NUTRITIONAL SCOUR	1	0	0	0	0	1
NUTRITIONAL STRESS	1	0	0	0	0	1
O I D	1	0	0	0	0	1
OXALATE POISONING	1	0	0	0	0	1
PARASITES INTERNAL	27	7	0	0	0	34
PHALARIS POISONING	1	1	0	0	0	2
PHOTOSENSITISATION	2	3	0	0	0	5
PINKEYE	4	3	0	0	0	7
PIZZLE ROT	1	1	0	0	0	2
PLANT POISONING	2	1	0	0	0	3
PNEUMONIA	1	2	0	0	0	3
POISONING	0	1	0	0	0	1
PREDATION	2	2	0	0	0	4
PREGNANCY TOXAEMIA	6	5	0	0	0	11
PSITTACOSIS	0	1	0	0	0	1
PYRROLIZIDINE ALKALOIDOSI	2	0	0	0	0	2
RED GUT	1	1	0	0	0	2
ROTAVIRUS	1	0	0	0	0	1
RYEGRASS STAGGERS	0	1	0	0	0	1
SCABBY MOUTH	2	0	0	0	0	2
SELENIUM DEFICIENCY	2	1	0	0	0	3
SEPTICAEMIA	2	1	0	0	0	3
SHELLY TOE	1	0	0	0	0	1
STRONGYLOIDOSIS	2	1	0	0	0	3
TAPEWORMS	1	0	0	0	0	1
TRICHOSTRONGYLOSIS	5	0	0	0	0	5
UREA POISONING	2	0	0	0	0	2
UROLITHIASIS	1	2	0	0	0	3
TOTAL	231	111	4	0	0	348

DEER DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
FOOT ABSCESS	1	0	0	0	0	1
TOTAL	1	0	0	0	0	1

GOATS DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
C A E	1	0	0	0	0	1
FOOTROT VIRULENT	1	0	0	0	0	1
KIKUYU POISONING	0	1	0	0	0	1
MALNUTRITION	0	1	0	0	0	1
NUTRITIONAL SCOUR	0	1	0	0	0	1
NUTRITIONAL STRESS	0	1	0	0	0	1
PARASITES INTERNAL	3	0	0	0	0	3
PLANT POISONING	1	0	0	0	0	1
TOTAL	6	4	0	0	0	10

HORSES DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
NOT LISTED	1	2	0	0	0	3
TOTAL	1	2	0	0	0	3

CAMELID DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
PNEUMONIA	1	0	0	0	0	1
TOTAL	1	0	0	0	0	1

OTHER DIAGNOSIS	CONF	SUSP	QUAR	RELD	OTHER	TOTAL
1080 POISONING	2	1	0	0	0	3
NOT LISTED	1	0	0	0	0	1
TICKS	1	0	0	0	0	1
TOTAL	4	1	0	0	0	5