

Onderstepoort Journal of Veterinary Research.

Volume 25.

AUTHOR INDEX.

ALEXANDER, R. A. *et al.*

The use of egg attenuated bluetongue virus in the production of a polyvalent vaccine for sheep. A. Propagation of the virus in sheep ... No. 1, p. 3.

Aureomycin in the treatment of heartwater. ... No. 4, p. 41

BOSMAN, S. W., *et al.*

The influence of nutritional level on verminosis in merino lambs ... No. 1, p. 121.

CLARK, R.

Studies on the alimentary tract of the merino sheep in South Africa. XX The failure of the rumen musculature to respond to carbamylcholine chloride when paralysed by potassium cyanide. ... No. 1, p. 67.

Studies on the pharmacology and toxicology of Acovenoside A. ... No. 4, p. 69.

CLARK, R., *et al.*

Studies on the alimentary tract of the merino sheep in South Africa XVIII. The effect of fasting on the activity of the ruminal flora of sheep and cattle. No. 1, p. 51

Studies on the alimentary tract of the merino sheep in South Africa XIX. The influence of sulphanilamide on the activity of the ruminal flora of sheep and cattle. ... No. 1, p. 59.

Studies on the alimentary tract of the merino sheep in South Africa XXI. The toxicity of urea to sheep under different conditions ... No. 1, p. 73.

Studies on the alimentary tract of the merino sheep in South Africa XXII. The effect of the pH of the ruminal contents on ruminal motility ... No. 1, p. 79.

Studies on the alimentary tract of the merino sheep in South Africa XXIII. The effect of supplementing poor quality grass hay with molasses and nitrogenous salts. ... No. 1, p. 93.

The influence of nutritional level on verminosis in merino lambs. ... No. 1, p. 121

CLARK, R., *et al.*

The influences of the nature of the diet and of starvation on the concentration curve of sulphanilamide in the blood of sheep after oral dosing. ... No. 4, p. 75.

DE BOOM, H. P. A., *et al.*

A contribution to the cytology of the spleen; the Romanowsky-stained bovine spleen smear. ... No. 2, p. 79.

DU TOIT, R., *et al.*

The new synthetic insecticides as dressings for blowfly strike in sheep. No. 4, p. 53.

FIEDLER, O. G. H.

The South African biting midges of the genus *Culicoides* (Ceratopogonid., Dipt.) No. 2, p. 3.

The lethal effect of some insecticides on the B.H.C.-resistant blue tick, *Boophilus decoloratus*, Koch. ... No. 4, p. 65.

FIEDLER, O. G. H., *et al.*

The new synthetic insecticides as dressings for blowfly strike in sheep. No. 4, p. 53.

FOURIE, P. J. J.

Tuberculosis in man, an animal health problem. ... No. 3, p. 7.

- GROENEWALD, J. W., *et al.*
 The influence of nutritional level on verminosis in merino lambs. ... No. 1, p. 121.
 The effect of body stores and of method of supplementation on the efficiency of calcium and phosphorus utilization by sheep. ... No. 4, p. 85.
 The influence of processing on the efficiency of proteins. ... No. 4, p. 93.
 Digestibility of lucerne hay with special reference to experimental technique in digestion trials (second report). ... No. 4, p. 105.
- HAIG, D. A.
 Fowl pox vaccination in South Africa with egg propagated fowl and pigeon pox viruses. ... No. 1, p. 17.
- HAIG, D. A., *et al.*
 The use of egg attenuated bluetongue virus in the production of a polyvalent vaccine for sheep. A. Propagation of the virus in sheep. ... No. 1, p. 3.
 Aureomycin in the treatment of heartwater. ... No. 4, p. 41.
- HENRICI, MARGUERITE.
 Comparative study of the content of starch and sugars of *Tribulus terrestris*, lucerne, some *Gramineae* and *Pentzia incana* under different meteorological, edaphic and physiological conditions. ... No. 3, p. 45.
- JACKSON, CECIL, *et a.*
 A contribution to the cytology of the spleen: The Romanowsky—stained bovine spleen smear. ... No. 2, p. 79.
- JANSEN, B. C.
Babesia thomasi sp. nov., an intra-erythrocytic parasite of the Cape dassie [*Procavia capensis* (Pallas)]. ... No. 3, p. 3.
 The occurrence of some hitherto undescribed *Leucocytozoon* and *Haemoproteus* species in South African birds. ... No. 4, p. 3.
 The occurrence of *Eperythrozoon parvum* Splitter 1950, in South African Swine. ... No. 4, p. 5.
- KASCHULA, V. R.
 The domestic pigeon as a possible carrier of Newcastle disease. ... No. 4, p. 25.
 Newcastle disease vaccination: The use of live virus after inactivated vaccine. ... No. 4, p. 29.
- LAURENCE, G. B., *et al.*
 The influence of nutritional level on verminosis in merino lambs. ... No. 1, p. 121.
- LOMBARD, W. A., *et al.*
 Studies on the alimentary tract of the merino sheep in South Africa XXII. The effect of the pH of the ruminal contents on ruminal motility. ... No. 1, p. 79.
- LOUW, J. G., *et al.*
 Defluorination of aqueous solutions of superphosphate for use in animal nutrition. ... No. 3, p. 93.
 The effect of body stores and of method of supplementation on the efficiency of calcium and phosphorus utilization by sheep. ... No. 4, p. 85.
 The influence of processing on the efficiency of proteins ... No. 4, p. 93.
 The utilization of phosphorus from different sources by the rat. ... No. 4, p. 99.
 Digestibility of lucern hay with special reference to experimental technique in digestion trials (second report). ... No. 4, p. 105.
- LOUW, P. G. J.
 A note on the alkaloid of *Crotalaria damarensis*. ... Vol. 4, p. 111.
 Transvaalin, a cardiac glycoside isolated from *Urginea burkei* Bkr. (Transvaal Slangkop). ... Vol. 4, p. 123.
- MALHERBE, W. D., *et al.*
 Changes in the electrophoretic pattern of sera of dogs suffering from various diseases. ... No. 4, p. 13.

- MARAIS, E. J., *et al.*
 A photometric method of quantitative paper partition chromatography of amino acids. No. 1, p. 31.
- MYBURGH, S. J., *et al.*
 The influence of processing on the efficiency of proteins. ... No. 4, p. 93.
 The digestibility of lucerne hay with special reference to experimental technique in digestion trials (second report). ... No. 4, p. 105.
- ORTLEPP, R. J., *et al.*
 The influence of nutritional level on verminosis in merino lambs. No. 1, p. 121.
- OYAERT, W., *et al.*
 Studies on the alimentary tract of the merino sheep in South Africa XVIII. The effect of fasting on the activity of the ruminal flora of sheep and cattle. No. 1, p. 51.
 Studies on the alimentary tract of the merino sheep in South Africa XIX. The influence of sulphanilamide on the activity of the ruminal flora of sheep and cattle. ... No. 1, p. 59.
 Studies on the alimentary tract of the merino sheep in South Africa XXI. The toxicity of urea to sheep under different conditions. ... No. 1, p. 73.
- POLSON, A.
 Comparative electrophoretic studies of bovine and human colostrum in relation to neonatal immunity. ... No. 4, p. 7.
- POLSON, A., *et al.*
 A photometric method for quantitative paper partition chromatography of amino acids. No. 1, p. 31.
 Changes in the electrophoretic pattern of sera of dogs suffering from various diseases. ... No. 4, p. 13.
- QUIN, J. I., *et al.*
 Studies on the alimentary tract of the merino sheep in South Africa XVIII. The effect of fasting on the activity of the ruminal flora of sheep and cattle. No. 1, p. 51.
 Studies on the alimentary tract of the merino sheep in South Africa XIX. The influence of sulphanilamide on the activity of the ruminal flora of sheep and cattle. ... No. 1, p. 59.
 Studies on the alimentary tract of the merino sheep in South Africa XXI. The toxicity of urea to sheep under different conditions. ... No. 1, p. 73.
 Studies on the alimentary tract of the merino sheep in South Africa XXIII. The effect of supplementing poor quality grass hay with molasses and nitrogenous salts. ... No. 1, p. 93.
 The influence of nutritional level on verminosis in merino lambs ... No. 1, p. 121.
- QUINLAN, J., *et al.*
 The oestrous cycle of the mare when maintained under stabled conditions with restricted exercise at Onderstepoort ... No. 1, p. 105.
- REINACH, N., *et al.*
 The effect of body stores and of method of supplementation on the efficiency of calcium and phosphorus utilization by sheep. ... No. 4, p. 85.
 The utilization of phosphorus from different sources by the rat ... No. 4, p. 99.
- STERNE, M.
 A note on the staining of bacterial capsules. ... No. 4, p. 51.
- STEYN, H. P. *et al.*
 The oestrous cycle of the mare when maintained under stabled conditions with restricted exercise at Onderstepoort. ... No. 1, p. 105.
- SWART, J. S., *et al.*
 Studies in demyelinating diseases of sheep associated with copper deficiency. I "Lamkruis", a demyelinating disease of sheep occurring in South Africa. II. A biochemical investigation on the incidence of "Lamkruis" in lambs in the Saldanha Bay, Vredenburg and St. Helena Bay environs. III Experimental studies, treatment and control measures ... No. 2, p. 35.

- TRUTER, G. J., *et al.*
 Defluorination of aqueous solutions of superphosphate for use in animal nutrition. No. 3, p. 93
- VAN DER MERWE, P.K., *et al.*
 Studies in demyelinating diseases of sheep associated with copper deficiency. I. "Lamkruis", a demyelinating disease of lambs occurring in South Africa. II. A biochemical investigation on the incidence of "Lamkruis" in lambs in the Saldanha Bay, Vredenburg and St. Helena Bay environs. III. Experimental studies, treatment and control measures. ... No. 2, p. 35.
- VAN DRIMMELEN, G. C.
 The Brucella Ring Test for milk of individual cows and its value for determining their status of infection ... No. 1, p. 39.
 A rapid economical method for accurate determination of the percentage packed cells in a bacterial suspension. ... No. 3, p. 39.
- VAN RENSBURG, P. J. J., *et al.*
 Studies in demyelinating diseases of sheep associated with copper deficiency. I. "Lamkruis", a demyelinating disease of lambs occurring in South Africa. II. A biochemical investigation on the incidence of "Lamkruis" in lambs in the Saldanha Bay, Vredenburg and St. Helena Bay environs. III. Experimental studies, treatment and control measures. ... No. 2, p. 35.
- VAN RENSBURG, S. W. J., *et al.*
 The oestrous cycle of the mare when maintained under stabled conditions with restricted exercise at Onderstepoort. ... No. 1., p. 105.
- VAN ROOY, P. J., *et al.*
 A photometric method for quantitative paper partition chromatography of amino acids. No. 1, p. 31.
- VELDSMAN, D. P.
 Chemical investigation of *Pachystigma pygmaeum* Schlechter (gous'ektebossie). No. 4, p. 113.
- WEISS, K. E., *et al.*
 Aureomycin in the treatment of heartwater. ... No. 4, p. 41.
- WESSELS, J. J.
 The influences of the nature of the diet and of starvation on the concentration curve of sulphanilamide in the blood of sheep after oral dosing. ... No. 4, p. 75.
-