1930. Kenya

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Department of Agriculture Report 1929.

Previous

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Subsequent

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Saoustalket Gras to man as works us way at free. heart the Trucks what Sarmors Canarens - but thing of as a wall stralle los) 1/8/80 ature hu Casinor W. Heralam 16920 Not dop acting when the printer cotis 1 the Report of he Exis comments maybe 4. for teo an mac 2019 etam ADER STATUTE A Be trucked refus of & annal definit on agricultural befor for year 1929 received worther cores of 3 pm poor of Col be dated 25 666 ber 1930 copy below H . How to belong

or titlen . This monstrow pullication of 650 begas has no telle of contas you said you could have a County take is it have bregard much in such copy Palepo when his has be Done you would distribute as follows :no Parkina Mr Allen M Creamy us worksomes mysey I return the file to me Com to all 2 2449 Contents has been incerted and comes of the report distribled 17 hovember 5 9/40 hore 122 -

not having sent it on before.

It contains no table of contents so that

wish .

it is quite impossible to find one's way about. I attach opposite a short table.

There is a good deal of repetition in the report, since the Director's own report (pages 1-90) summarises the various appendices. It is to be hoped that with the division of the Agricultural Department into two divisions which has taken place as from the beginning of this year, the report may be produced in a more handy form and with less repetition. One may, in fact, nope for separate reports, one dealing with the livision of plant industry and the other with the veterinary invision. I hardly think that some of the ampendices of this report are worthy of printing, e.g., those of the Adricultural officers in the various listricts, European and native, pages 559 to the end. They are certainis far less in eresting than the provincial reports of the hattve Administration which are so thought worthy of print. I think that we Tight write 8.0. to Mr. Moore on the lines of ile liove paragrapti

artitle to the specific points in the

- 4re 35.

Note the increase in quantities of milk butter etc.

we .'C.

Indian Agriculture. Considerable expansion seems to have taken place among the Indians farming in the Kibos-Mewani area.

Native Agriculture.

Page 44

Note the number of pupils from both the Scott and Bukura Schools who return to work at their homes instead of in definite employment. I am not quite sure whether this should be regarded as a good or a bad

A butse last fac !

A table of native a ricultural Page 49. exports.

The Director summarises the Pages 50 appendices.

There are various interesting points about the Chief Veterinary Officer's report:

See the remarks as to manters: Page 98.

A long account of the first recorded outbreak of rabies. Page 115.

registers

As to native gattle and native training centres. I have already commented on these on a separate paper, as to veterinary development in native reserves, which is now going forward.

Page 153.

Note to the commendation of Stock Inspector Murray who bought at his own expense a cinema camera for demonstration purposes. A copy of this paragraph might be on his file which should then be seen in Proms. Branch.

Note that the Mandi have offered land for the erection of a native training centre, but owing to the scarcity of Government (money it will only be possible to develop it slowly.

Game as spreaders of disease.

The activities of the predatory ladybirds. I have noted on the papers regarding the purchase of the insectaries.

I hardly think the despatch requires official acknowledgment wor commendations som called for.

Mr. Creary and Mr. Montgomery to see and subject to any observations which they may have, action might be confined to the s.o. letter suggested above.

JIVACE 9173

Suggest thin that he mights by the got a summer format and the side the mide the summer that he will be all the summer that he will have all the summer that he will have the mide the summer that he will have the mide the summer that he will have the summer that he will be suffered to the summer that he will be suf

I join in the hope that the Report of the agricultural Department may in future be published in sections, convenient for exchange with those interested in specific subjects.

There are 320 pages of most valuable veterinary data, which, in its present form, is liable to be overlooked or not to reach the people it should.

The paragraphs on game as spreaders of disease (page 169) might be referred to the Game Sub-Committee of the Tsetse Fly Committee of the Economic Advisory Council.

It is incorrect to refer, as on page 115, to a case of Rabies as being the first to be recorded in Kenya. The Annual Reports for 1912-13, page 37, and 1913-14, page 142, both contain references to a disease which is as indistinguishable from Rabies as that under reference. Considerable work was carried out at that time to verify this diagnosis.

16.2.31.

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9 & a.C. ______ 2 march acknowledge ho. 6, with thanks.

(In)

hu Stockdale

Phase see minute of 13/2/11, Rhouis

I took the opportunity of discussing this question of the division of the Annual Report of the Department of Agriculture for Kenya with Mr. Holm, the Director of Agriculture, yesterday.

I had previously discussed it with him in kenya and he was then quite opposed to the suggestion. He defended his objection by reference to the policy in several of the Dominions.

festerday he informed me that the question had been discussed by him with the senior officers of his Department and, especially, with the Senior veterinary Research Officer

and with the Government Printer. He says that the Covernment Printer estimates that it would be more costly to produce separate volumes, as the costs of binding two or three volumes separately would put up the total costs of publication. Against this I urged that he would be able to economize in the numbers issued, as the numbers of the separates could be reduced if separate divisions were issued separately to institutions only interested in sectional work. He further says that senior officers of his Department are opposed to the division as they feel that both farmers in Kenya and workers in other countries have become used to a composite report, and appreciate its issue as such. They arge that there would be considerable confusion in libraries in a division took place. Personally, I do not think this objection a serious one and believe that both farmers and libraries would soon become used to the issue of separate volumes.

With some reluctance ar. nolm stated that another objection he had was that division would tend to revive in Kenya the desire in certain quarters to have separate veterinary and Agricultural Departments. He holds very strong views on this question and meintsins that Kenya would not be as well served under such a separation of Departments as it is under the combination which the recent Commission on Agriculture in Kenya strongly endorsed. Mixed ferming is being encouraged as far as possible in Kenya, and there must be a definite policy in regard to it if progress is to be made. The definition of such policy is the duty of the Agricultural Department and it would be rendered difficult if two Departments Live stock industries, such as were concerned.

and

dairying with co-operative creameries, were making progress, poultry keeping was extending, the product. To hams and bacon and of meat was also progressing. These live stock industries have been developed in other countries by Agricultural Departments and could not be transferred over to a Veterinary Department, whose officers had no training in such subjects as dairying, co-operation, enimal feeding, etc. The maize larmers of Kenya are beginning to realize that a possible outlet for their produce is through the animal, and, as in this country, it may be found to be more profitable to realize their cereal crops in the form of snimel production than as grain.

There is a good deal in this contention and, as far as European agriculture is concerned in Kenye, live stock and crops must be inseparably interwoven, and there is little doubt that the Government, putting personalities entirely on one side, would be better served by having to turn to one Department for advice than to two. Whether the position is quite so lavourable in regard to native stock interests is doubtful, but there again the difficulties at resent largely revolve around personalities then enything else. Veterinary officers are propably the best fitted people - on account of their contact with natives owning cattle over disease control - to effect improvements in stock owned by natives, but they should be guided in all husbandry questions by advice from live stock officers who have specialized in snimel husbandry. Such a live stock officer

officer has been secured by the Department of Agriculture for European stock interests and he has specialized, whilst in Kenya, on improvements in the production of dairy produce and in becon production. He knows both pig rearing for becon production and all matters connected with dairying as one who has had personal training and experience in these industries should. His experience could be of use to the Veterinery officers interested in the production of ghee and butter from the Reserves, but, here again, the personal equation enters into the matter, and I understood, whilst in Kenye, that there were difficulties. It is not for me to analyse the reasons for these difficulties, but there is little doubt that they have arisen from the Veterinary officers' feeling that their experience of Kenya and netive stock owners is of greater value than any experience gained by the Live S.ock Officer in Great Britain and from the difficult manner of the Live Stock Officer under certain conditions. Despite these difficulties - mainly due to personalities - I must confess that, it asked to give an unbiassed judgment of Kenya conditions, I do feel that the best service to agricultural and live stock interests will be through a combined Department. This presupposes that the Head or that Department will show nobias either to the Plant industry or to the Animal industry side of the Department, and that he will give either side a fair and equal chance of development. Whether this has happened in the past I am not I have the feeling that proposals from the Veterinery side, as representing snimel interests perticularly in regard to the meserves, have perhaps not been placed before Government with the

same force as have plant industry proposals, but Mr. Holm has al vs taken the view that every proposal must be able to bear the severest criticism from the economic point of view, and there is a doubt if some of the proposals put up by the Chief Veterinary Officer would bear critical scrutiny from this aspect. The Chief Veterinary Officer gave me a full account of his feelings over proposals that he has put forward which have not been forwarded to Government, and he stated that he had always worked as a loyal officer of the combined Department, out he did reel that sometimes his proposals had been hardly handled, and that they would not have been so handled if he had had direct access to the Government. If, therefore, it is not desired to raise the issue of the separation of the Agricultural and Veterinary Departments again, some weight should be given to Mr. Holm's contention that a division of the Merort at the present juncture is undesirable. I, nevertheless, pointed out to him that, when the division of his Department into two main branches is complete, it might be desirable for the report to be divided into three parts the first to contain the general report of the Director, divided into two sections covering in Section 1 a review of the position of the agricultural and live stock industries of the Colony and in Section 2 a review of the main work of the Department of Agriculture (this is the form which is now adopted in Mauritius, Ceylon and malaya), and supported by two appendices

printed

printed as separate volumes (1) containing the details of the work done for plant industry, and (11) the details of work done for snimal industry. Mr. Holm agreed that such a division would be possible, out he felt that it might be advisable to limit Appendix II to a record of work on Veterinary Mesearch. I doubt if such a limitation should be desirable and suggestions on the lines indicated above might be put to Kenya for their consideration and the proposal made that economies might be effected by seeing that the distribution of Appendices is limited to such individuals, organisations, institutions, and departments as will be directly interested in the work therein described.

I mentioned the point of an index to Mr. Holm and he said that this could be attended to. If the report is, however, eventually divided into three volumes the necessity for an index will not be so urge I also mentioned the point raised in previous minutes about the reports of Assistant Agricultural Officers, and I understood that these reports have been asked for by Provincial Administrative Officers. Their inclusion in the report is useful to such officers and it enables the Director of Agriculture to defend expenditure on native agriculture in the Legislature when estimates are being considered. The local circumstances are possibly therefore such that the printing of some of these reports is desirable.

J. A. Slowale

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H. A. Slockdale

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I agree with Mr. Stockdale

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metel el work on the Plant industry; General Departmental activity, and progrees with a non-technical summary of

I would suggest, however, that publication of detailed scientific or technicalwork is more appropriately made in the suitable scientific journals than in an Animal Departmental Report, at any rate until such time as the issuing Research Institute can carry its own publication.

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G. Q.

Sir J. Shachburgh.

Sir G. Grindle.

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Party. U.S. of S. Secretary of State.

For consen.

DRAFT.

KENYA

NO. 50H

GOVERNOR.

Just an

DOWNING STREET 8 July ,1931.

Sir.

With reference to Mr. Moore's despatch No. 722 of the 17th Bovember, 1930, in which he submitted his comments on the Annual Report of the Department of Agriculture for 1929, I have the honour to inform you that I have had under consideration, to conjunction with my advisers, the form which this Report should take in future years. The question has also been discussed with Mr.Holm.

In its present form the Report is somewhat unwieldy, and it has been suggested that its use would be greater if it were divided into separate parts, which could be distributed to persons and bodies (only) interested in a particular aspect \downarrow o. ... agorvities of the Defartment. the form and the as been suggested all Issue Asjorts should take is as 10. 008:-(i) A tolume sonthing the penergi re ord of the director, say led into the section as follows:the review . . . position of the arrivational inalivestock in stries of the Colony, and ill & review o. ... in work of the Department - Agriculture (ii) A second volume containing details

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of detailed scientific or technical
work is more appropriately made in
suitable scientific journals than in
an annual departmental report, at any
rate, until such time as the station
at which the research is carried out
publishes its own periodical.

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- that it would be useful if future generate could contain a table of contents as well as an index.
 - the publication of future Reports in the form suggested above be more convenient, but that it would lead to economy in that it would not be necessary to send all three folumes to all those who at present receive the complete Report; and if you would consider whether the suggestions

made in this despatch might not be adopted in the Report for 1931 and subsequent years.

I have etc.

ISIBNEU, PASSFIELD.

May arther communication on this subject should be addressed to :--

THE SECRETARY,

No h

ECONOMIC ADVISORY COUNCIL, 2. WHITEHALL GARDENS, B.W.1.

nd the following number quoted.

ECONOMIC ADVISORY COUNCIL.

2. WHITEHALL GARDENS, RECEIVED

LONDON, S.W.1.

- 4 MAR 1031

and March 1931.

sir.

I am directed by the Economic Advisory Council to acknowledge receipt of your letter of the 27th ultimo, 16259/30, transmitting for the information of the Taetae Ply Committee a copy of the Report of the Department of Agriculture of Kenys for the year 1929, with special reference to pages 169-171, deaing with the question of game as spreaders of disease.

I am. Sir.

A. F. Hemme Your obedient servant,

The Under Secretary of State, Colonial Office, S.W. 1.

London, 3.7.1.

4th March, 1931.

her bressey Municis.

Fith reference to your paragraphs on labies, commonsing from 115, in the Annual Report for 1929, it is arreasons to say that the brain from the Borthern Prostler Province emmined in June, 1929, represents the first confirmed case of maios.

Pages 37 of the Amount Report for 1912-1913 and 142 of that for 1913-1914 mention the occurrence at that period. I was at Embete myself when the first case, in Johnston's dog, arrived, some three weeks after his fight with a jackel. The strain was passed to the usual Laboratory suimels, as well as to demostic species, and was maintained in rabbits for more than a year, being relinguished only when all danger of an "outbreak" seen to have perced.

Segrig belies were demonstrated throughout, and were also found in two or three other strains originating during this period (I recollect that one of those are a justed shot on the Coverment Jums). The records of

London, 3.W.1.

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S. B. Aready Minute, Req., M.R.C.V.S.

these "specimens" and of the experiments should still be at the Laboratory.

Brandt working with the medicals, watched him and some other natives who had been bitten by suspected animals; and the Akikuya spoke of the new "fierce" species of jackal that had arisen. So far as we could ascertain, no human being contracted hydrophobia at that time. About that same period the French in West Africa had a controversy about the danger to man of a form of canima rabies prevalent there.

Failure to infect man is the only element of doubt in a diagnosis otherwise certain on clinical, histological, and experimental grounds.

Indeed, your present record is also, fortunately, incomplete in this respect.

Yours sincerely,

(Signed) EUSTACE MONTGOMERY

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Mr.

G. O.

Sir C. Bottomley. Sir J. Shuckburgh.

Sir G. Grindle.

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Secretary of State.

DRAFT. S

KINYA

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DOWNING STREET

27.

27. February 1931.

Sir.

[3]

I have the honour to

acknowledge the receipt of Mr.

Moore's despatch No. 722 of the 17th

Movember in which he submitted

his comments on the Annual Report

of the Department of Agriculture for 1939, copies of which hade

already been received under

separate cover.

I have read the Report
 with interest, and concur in Mr.

Moore's opinion that the Director and members of his staff are to

be congretulated on the record

of afficiency on both the scientific

and administrative sides.

3. I have been pleased to

note/the commendation of the commendation of t

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of Mr. G. L. Murray, Stock

Inspector, in giving demonstra-

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GOVERNMENT HOUSE. NAIROBI.

KENYA

KENYA. NO.



My Lord,

I have the honour to refer to Your Lordship's Me. 3 despatch No. 747 of the 25th September, 1930 on the subject of the Annual Report of the Department of Agriculture for the year 1929. Twelve copies of the Report have already been transmitted under cover of third personal note dated the 22nd October.

2. The crops of 1929, both in settled areas and in native reserves, attained a record volume of production.

The heavy fall in prices of primary products, which has 3 occurred in 1930, was not to be anticipated in the preceding $\stackrel{\infty}{
ightharpoons}$ year and expectations that farmers would reap the benefit of a good year after two adverse seasons affected by drought and Slocusts have not been realised. The exigencies of the recent situation which have to some extent been met by emergency . measures of a temperary character, of which Your Lordship is aware. was wholly unforeseen by the agricultural industry during the period under review.

The position as it stood in October, 1929 was analysed by the Agricultural Commission, whose Report has been fully dealt with in separate correspondence.

The following are the figures of actual 3. production of the main crops in settled areas, where the total area under cultivation at the 31st July, 1929 was 635,590 acres :-

THE RIGHT HONOURABLE LORD PASSFIELD, P.C. SECRETARY OF STATE FOR THE COLONIES, "O'N S. W. 1.

	Production in 1928 - 1928.	Production in 1927 - 1928.	
Maize	1,099,317 bags.	1,088,706 bags.	
	228,141 "	173,958 "	
Wheat	145,880 cwt.	246,292 cwt.	
	316,180 "	290,190 "	
Sisal	710,100		

The total value of agricultural exports in 1929 was £2,372,976, a decrease of £364,272 as compared with the previous year. Exports of the main crops were:

previous year.		02.00	S = 1		
P		1929.		1928	
Maize	£	305,892	£	306,078	3
Maize meal	£	20,768	£	48,690)
	£	38,281	£	75,19	5
Wheat.	£	31,996		17,54	9
Wheat flour.			4	61,119,89	
Coffee.	£	703,158		£ 459,95	
Sisal	£	553,572		497,77	

The estimated values of agricultural exports of native origin (£500,740 in 1929) are detailed on page 49 of the Report. Export of maize was restricted early in 1929 on account of famine conditions, and the lateness of the 1929 season further affected the tonnage of exports.

4. In regard to the livestock industry, the Agricultural Commission noted with satisfaction that the serious drop in the number of breeding cattle in 1926 had been checked and that there was some progress in cattle breeding and dairying. It is interesting to note that the animal products sold by Europeans in the year 1928 - 1929 showed a remarkable increase as compared with the previous year. This increase is due largely to the better organisation of the dairy industry on a co-operative basis and to better rainfall. Butter to the value of £15,126 was exported in 1929, as compared with £4,917 in 1928.

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p20.20		1929.	1928.
Maize	£	305,892	£ 306,078
Maize meal	£	20,768	£ 48,690
Wheat.	£	38,281	£ 75,195
Wheat flour.	£	31,996	£ 17,549
	£	703,158	£1,119,894
Coffee.	£	553,572	£ 459,959
Sisal	a.		tltlemonts of

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5. The Report indicates the wide scope of the activities of the Department. In regard to the Department's work in native areas, I would invite particular attention to the Annual Report of the Assistant Agricultural Officer, Embu and South Nyeri Districts, published as Appendix Q on page 605 of the Report. This Appendix presents a fair picture of the work being done by Agricultural Officers in the native reserves.

The Director and the members of his staff are in my opinion to be congratulated on the record of achievement on both the scientific and administrative sides, presented in this Report.

I have the honour to be,
My Lord,

Your Lordship's most obedient, humble servant,

Am - h home

ACTING GOVERNOR.