

KALAHARI RED CLUB NEWSLETTER

OCTOBER 2012



MY FIRST EXPERIENCE WITH A TROPICAL DISEASE

By Andre Pienaar

PESTES DE PETIT RUMINANTS (PPR)

Most of you are aware of this, but for those of you whom aren't, I am currently working for an Israeli company in Angola as a sub-contractor. Our aim is to uplift agriculture and develop farms for the Angolan government, since Angola is recovering from a 30 year civil war which ravaged the entire country.

Due to the civil war there was no veterinary service, or even a recollection thereof or even notes to work on.

After two years of negotiations and convincing, we managed to convince the government to allow us to experiment with a goat farming project in Moxico.

We finally got this project with 50 consisting of 42 ewes providing little bits of another newsletter.



authorization to start South African goats, and 8 rams. I will be info on this project in

Goats on the truck on their way to Moxico

For this article I would like to share my first experience with a tropical disease with you.

The goats arrived in Luanda by plane, after which they were transported to Moxico which is about 1 400km away, by truck. After having been tested with all the required tests and testing negative to all, the goats arrived at their destination in good condition.

By speaking with the locals we realised that they have only the most elementary knowledge of goat farming. Although there are many goats in Angola, the farming system is communal.

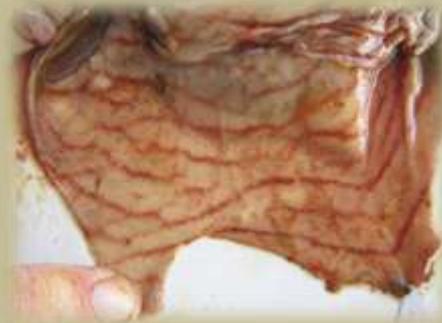
After three weeks some of the goats appeared to be ill, and the first goat died. This unknown disease seemed to affect the weaker goats worst. I dissected one of the dead goats and did a comprehensive autopsy report with photo's to illustrate.

I had not seen anything like this disease before and did not recognise any of the symptoms. By the time the third goat died I contacted Dr. Dave Midgley, a renowned veterinarian, for his expert opinion. He was able to narrow the list of possible diseases down to four diseases. The goats however kept dying.

When the fifth goat died we flew Dr. Midgley to Angola to do an autopsy. Upon doing the autopsy Dr. Midgley found the disease to be *Pestis de Petit Rumnants* or PPR.



Internal gut of infected goat



Zebra striping in the stomach

This disease has never been found South of the equator but has moved down from the DRC and has found its way into Angola.

I'd like to share the symptoms of this disease with all the club members, since knowledge is power.



Goats before treatment



Goats after treatment

PESTES DE PETIT RUMINANTS (PPR)

This viral contagious disease is very common amongst goats, but less so under sheep.

Pestes de Petit Ruminants's first symptoms are fever, erosive sores in the mouth, enteritis and pneumonia followed by death. This disease closely resembles the more common rinderpest virus.

PPR is considered to be the most serious infection amongst small ruminants in West and Central Africa. The spreading of PPR to the DRC and Angola could be attributed to uncontrolled movement of livestock between countries.

The virus spreads through discharges of infected animals such as milk, saliva, urine or faeces. Kids under one year of age are most susceptible to PPR. The presence of other diseases and stress factors precipitates the occurrence of the disease. The occurrence of PPR increases during the rainy season and the cool harmattan winds.

After infection the PPR virus multiplies in the regional lymph nodes which is followed by viraemia. The virus then infects and causes cytopathic changes in epithelial cells, which are associated with the clinical signs and lesions observed.

PPR occurs both acute and subacute. The incubation period of acute PPR is about 7 days and the syndrome is characterised by severe depression, fever, sneezing, dyspnoea, coughing, serous or mucopurulent ocular-nasal discharges, which lead to matting of eyelids and blockage of nostrils. There may be crackling lung sounds which are clearly audible. Focal necrotic stomatitis, halitosis, anorexia profuse mucoid diarrhoea or dysentery and sometimes tenesmus are prominent features. Abortion occurs and there may be superficial erosions on vulva or

prepuce. Death of severely affected animals occurs in about 7 days after the onset of clinical signs. Mortalities of 71-100% are common.

Subacute PPR is the most common form of the disease in sheep. Clinically, it resembles the acute syndrome of goats except that clinical signs are milder. Intercurrent infections with contagious ecthyma is common and secondary bacterial infections often aggravates the severity of PPR. Solid immunity develops in recovered animals and passive maternal immunity protects kids under 4 months.

Next month we will continue with the article with pathological features of PPR.

(Source: Diseases of Small Ruminants in Sub-Saharan Africa – A Handbook by Lughano Kusiluka and Dominic Kambarage)

FARM VISIT TO KOBUS BOTHMA KR21, GHAAP, KALAHARI RED

I recently had the opportunity to visit Kobus Botma on his farm in Griekwastad. Kobus has been farming with Kalahari reds since 1995. He and his Brother, Braam bought all the red goats from auctions and local communities in those years and through strict selection built up a herd of Kalahari reds that speaks for itself



After watching him finishing his selection of his weaned ewes I realised why Kobus was one of our leading farmers. He had no mercy. No mistakes or deviations to the race standard of the Kalahari Reds were tolerated. Kobus only breeds with the best. After completing the selection he took me to see the young ewes and rams he had selected. They were so uniform in colour and build that I couldn't help asking him who the sire to these lambs were. Kobus told me that he has not used any other ram in his herd and only uses his own rams that he breeds. He offered to go and show me the mother herd and if we were lucky to find them, he would show me the rams.



We drove through the arid Ghaap farm in the Griekwastad vicinity towards his farm and shared that he has divided his farm into 2. He grazes half in one year and the other half the alternate year. This way he increased his load on the farm by 40%. When arriving at the ewes I could immediately see where those beautiful lambs came from. The uniformity of the mothers were amazing. Every ewe that entered the kraal was a registered stud ewe and an absolute pleasure to see. He knew his herd by heart. Due to the healthy area where he farms he does the

absolute minimum dosing as there are almost no parasites in this area. The ewes were healthy and fat from the good grazing in the area.



Kobus brings his heavily pregnant ewes to small camps close to the house just before they lamb. They graze during the day and get fed a healthy diet that he grows in a tunnel every night. This ensures good milk production and he is able to wean the lambs at 60 days

I tried to convince Kobus to participate in more shows, but he blamed it on a very busy schedule! This might be a good thing as I personally think Kobus is a force to be reconed with. Kobus is a man of integrity and a true ambassador to the Kalahari Red breed.



NATIONAL CHAMPIONSHIPS SEPTEMBER 2012

The South African National Championships were held during the Spring show in Pretoria from 1 – 6 September 2012.

This was one of the most glamorous events on the boergoat breeder's association's calendar.

We would like to thank the SABTV for all the arrangements they have done for the Kalahari reds in SA and accommodating our breed at this prestige event. I think that the Kalahari reds added grace to the show with high quality Kalahari reds and we as club management would like to thank all the breeders as well as the visitors for their participation in this event. We proved once more that together we will stand tall.

A special thanks to Johan Boshoff and the Bosveld Boerbok Club for making this a memorable week. The prizes, sashes, and trophies were the best so far and the organisation was on par with international standards. Bosveld Boerbok Club, you made us proud!

Congratulations to the breeders whom were crowned champions!



Kalahari Red Grand Champion Ewe - Albie Horn



Kalahari Red Grand Champion Ram - Tollie Jordaan



Kalahari Red Junior Champion Ewe – Tollie Jordaan



Kalahari Red Junior Champion Ram – Tollie Jordaan



Kalahari Red Reserve Grand Champion Ram –
Peet van der Merwe



Kalahari Red Reserve Junior Champion Ewe -
Albie Horn



Kalahari Red Reserve Junior Champion Ram –
Peet van Vuuren



Kalahari Red Senior Champion Ewe – Albie Horn

KOENIE KOTZE PRODUCTION AUCTION

Koenie and Marina Kotze held their annual production auction in Douglas this year and presented some excellent animals at the auction. Koenie is known for breeding some of the country's most beautiful ewes and has given new meaning to breeding muscular rams. We want to thank Koenie for the contribution he has made to the Kalahari Red industry. Your breeding has been an inspiration to many young and old breeders as could be seen at the National championships this year



UPCOMING AUCTIONS WORTH ATTENDING:

TOLLIE JORDAAN • JOHAN VAN JAARSVELD
ELITE KALAHARI REDS
PRODUKSI EVEILING
Donderdag, 18 Oktober 2012 • 11:00 • Pretoria Skougronde
AANBOD
20 Elite ramme • 100 geregistreerde ooie



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CMW ELITE : Chris Troskie 082 555 1199 • TT Paulsen 082 498 9866



TSHWANE SHOWGROUND S 25° 45.137' E 28° 10.327'

ROOIGOUD KALAHARI RED and BOERGOAT AUCTION
120 Top quality selected ewes and 20 rams

3 November 2012
11:00
Pretoria Showground

Now we breed
SA Champions as well

Ewes rounded
of on field



90 Kalahari Red ewes
10 Kalahari Red rams
50 Boergoat ewes
10 Boergoat rams

Guest Sellers: Hennie & Elrize
Alberts 083 414 4253 of 083 494 7354

Animals blocked
against
Heartwater



Contact: Albie Horn 083 440 1355
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