



healthy animals wifuwo leswihanyeke healthy people vanhu ivahanyeke

healthy environment matshamelo lamanene ya rihanyu





Hluvukani Animal Health Centre



- Primary animal health care to community .
 - 2 week clinical rotations from vet students
 - Services:
 - Clinical -
 - Ambulatory and clinic -based Learner and farmer education _
 - _
 - Research assistance
- Vet/medical students interactions through combined lectures: One Health •
 - _
 - Human/wildlife/livestock interface State veterinary roles Ecology and health Traditional healing _
 - _
 - _
- Vet/medical students combined visits to human health clinics as well as dip tanks
- One Health assignments through combined fieldtrips of both vet and medic students into KNP













Hans Hoheisen Wildlife Research Station

- Platform to support/drive • research and training involving diseases at the wildlife/livestock/human interface
- **Facilities:**
 - Laboratories _
 - Auditorium
 - Library _
 - _ Accommodation
 - _ Offices
 - _ Animal holding facilities

Activities:

- Mnisi Community Programme
- GLTFCA
- State Veterinary Offices
- Risk mapping / surveillance
- 2 Workshops & conferences









The Mnisi Community Programme Platform

Initiated and driven by-

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- the Faculty of Veterinary Science, UP
- start-up funding from ITM, Belgium _
 - Partnerships with: UP faculties
 - .
 - Mnisi Traditional Authority Governmental departments
 - NGOs

Platform for-

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- research,
- training and community engagement / development core foci of the UP

Vehicle to strategically-

- develop One Health thinking within, -
- and collaboration between disciplines
- with the opportunity for applied research and training
- Learn on a small scale of complexity for application on larger scale
- Model that could serve the community and the greater region





Mnisi Community Program











Ecological Comparison:

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GEOLOGY	GRANITE	GRANITE	GRANITE
SOILS	GLENROSA/MISPAH	GLENROSA/MISPAH	GLENROSA/MISPAH
SIZE	22593 HA	25221 HA	6774 HA
LAND USE	CONSERVATION	AGRICULTURE	CONSERVATION
PLANT COMMUNITIES	2	2	2
SUB-COMMUNITIES	13	18	17
MANGEMENT UNITS	4	4	4
VELD CONDITION SCORE	810	570	640
GRAZING CAPACITY	5718 LSU	4765 LSU	1369 LSU
BROWSING CAPACITY	6487 BAU	8358 BAU	640 BAU
STOCKING RATE	UNKNOWN	230% LSU + 50% BAU	26% GAU + 35% BAU













Cattle trade and off-take

	BUTCHER	PRICE	OTHER FARMERS	PRICE	OTHER	PRICE	ΤΟΤΑ
Bulls	44(22)	R 3,686	12(5)	R 4,000	3(3)	R 3,167	
Oxen	9	R 3,583	6	R 3,875	1	R 4,500	
Cows	26	R 2,089	29	R 3,733	5	R 3,167	
Heifers	2		1		2	R 3,000	
(81 (58%)	R 3,119	48(34%)	R 3,869	11(8%)	R 3,459	140(100%
		R 252,666		R 185,728		R 38,044	R 476,43
SALVERSITE!	IAN PRITABIA						1







Major AH constraints...

	Most Important	2 nd Most Important	3 rd Most Important	
dks	16.5	13.5	0.8	
mpy skin disease	15.8	10.5	5.3	
forms	12.8	3.8	3	
1D	9.8	3	2.3	
me	9	39	64.7	
ck Quarter	5.3 6 5.3 3		1.5	
unds				
ee days stiffness	3.8	0.8	3	
llsickness	2.3	3	3	
ot rot	1.5	3	0.8	







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Reasons for not selling:

- Lack of market access
- Lack of competition (take it or leave it...)
- Very low prices

 as little as
 50% of market
 values in open
 market
- Cascading
 effect...









