

MAFISA OPERATIONAL REPORT

(To be completed by the Extension Officer)

DISTRICT: _____

MUNICIPALITY: _____

EXTENSION OFFICER'S WARD: _____

EXTENSION OFFICER'S NAME: _____

Important:

1. It is essential to type or complete this form in legible handwriting using black ink or black ball-point. (Photocopies of these forms are made for each board member. Forms completed in other colours such as blue or red result in almost illegible copies.
2. Cross out answers which are not applicable

COMMITTEE MEMBERS ARE REQUESTED TO TAKE NOTE OF THE FOLLOWING:

- a) THE INFORMATION CONTAINED IN THIS REPORT IS STRICTLY CONFIDENTIAL AND MUST UNDER NO CIRCUMSTANCES BE DIVULGED TO THE APPLICANT OR TO ANY OTHER PERSON.
- b) The extension officer has been co-opted to the committee and when available his/her services should be used.
- c) A valuation/inspection should be carried out ONLY at the request of the CREDIT EVALUATION COMMITTEE.
- d) If the applicant owns properties which are farmed as separate units, A SEPARATE VALUATION/INSPECTION REPORT SHOULD BE COMPLETED IN RESPECT OF EACH UNIT.
- e) VALUATION OF THE APPLICANT 'S ASSETS SHOULD BE MADE BY THE EXTENSION OFFICER AND BE CONFIRMED BY THE COMMITTEE. The valuation of the land and improvements should be based on their reasonable market value, with due regard to production potential. A realistic valuation should be made of all movables, with due regard to depreciation where relevant. (par. 12.1 and 12.2).
- f) In the valuation of irrigable land the suitability of the land for irrigation purposes as well as the stability and quality of the irrigation water supply, should be taken into consideration. If irrigation is possible during certain periods of the year only, or the source of irrigation is unstable or inadequate, particulars must be furnished.
- g) If the space provided in the form is inadequate, use a separate page but please number your answers.

OPERATIONAL REPORT IN RESPECT OF APPLICANT

APPLICANT: _____

ADDRESS: _____

DISTRICT: _____

MUNICIPALITY: _____

1. FARMING UNIT

1.1 PROPERTY(IES)

REGISTERED NAME OF FARM	DISTRICT	DISTANCE OF FARM FROM DWELLING	AREA (HA)	OWN, LEASE or COMMUNAL LAND
1.				
2.				
3.				
4.				
TOTAL				

1.2 OWN LAND

Situation (**North / East / South / West**) and distance (_____ km) from the nearest town, viz _____ and (_____ km) from railway / bus / siding / halt, viz _____.

1.3 LEASE OR COMMUNAL LAND (and/or inherited)

Situation (**North / East / South / West**) and distance (_____ km) from the nearest town, viz _____ and (_____ km) from railway / bus / siding / halt, viz _____.

1.4 How far apart is own land and lease or communal land situated? _____ km

1.5 What is the relationship between the previous owner and the applicant?

Father / Mother / Parents-in-law / Other / None

1.6 Will applicant inherit land? **Yes / No / Doesn't know yet**

1.7 If so, what is the pattern of division of the inherited land?

_____ ha irrigation
 _____ ha dry land
 _____ ha grazing

1.8 Does the applicant already farm the inherited land/land under option for his own profit? **Yes / No**

1.9 What type of farming is practiced on applicant's unit? _____

1.10 Is applicant's farming system suited to the area? **Yes / No / Partially**

1.11 If not, or partially, state reasons: _____

2. LAND

LANDS (IRRIGATION AND DRY LANDS)	POTENTIAL			
	HIGH HECTARE	AVERAGE HECTARE	LOW HECTARE	TOTAL HECTARE
Clay				
Loam				
Sand				
TOTAL				

Further remarks: _____

- 2.1 Is the drainage of the soil adequate? **Yes / No / Partially**
- 2.2 If not, or partially, what is the substratum? **Clay / Gravel-stone / Hardpan / Rock**
- 2.3 What is the average rainfall on the farm? _____ millimeters per annum.
- 2.4 Does unseasonable frost occur? **Yes / No**

3. GRAZING

- 3.1 What is the carrying capacity of the unit in terms of the Soil Conservation Scheme?

	SUMMER (8 Months) (HA per Head)	WINTER (4 Months) (HA per Head)	AS UTILISED BY APPLICANT AND WITH FODDER AND ARTIFICIAL PASTURE
LSU			
SSU			

- 3.1 At what stage of growth is the grazing? **Pioneer / Intermediate / Climax**
- 3.2 Does gifblaar or any other noxious weed occur? **Yes / No**
- 3.4 If so, state the extent of infestation: _____

- 3.3 Are there signs of soil erosion over-grazing or other malpractices? **Yes / No**
- 3.4 Are the necessary control measures being taken? **Yes / No**
 If so, what? _____

- 3.5 Is the unit fenced in? **Yes / No / Partially**
- 3.6 Into how many camps has the unit been divided? Namely:

SOURCE	NUMBER OF CAMPS
Fenced-in lands	
Grazing camps	
TOTAL	

- 3.7 What is the condition of the fencing? **Very good / Good / Fair / Bad**

3.8 From what sources are water obtained for stock-watering?

SOURCE	NUMBER OF CAMPS
Boreholes	
Dam	
River / Creek	
TOTAL	

Further remarks in respect of the drinking water: _____

3.9 Are there enough camps and watering-points to ensure efficient use of grazing (i.e. controlled selective grazing)?
Yes / No / Doesn't know

4. IRRIGATION

1. If operating in an irrigation scheme, a report from a qualified expert (e.g. Agricultural Engineer) is required on the sustainability and viability of the scheme, to give comfort that sufficient water is available and that the soils are suitable for irrigation purposes.

2. Proof to be furnished with application that the applicant is legally entitled and registered to withdraw water to irrigate the area under irrigation.

4.1 WATER SOURCES

4.1.1 From what sources are the lands irrigated?

SOURCE		SCHEDULED (HA) AND / OR IF NOT SCHEDULED (HA)
Government Water Scheme	Yes / No	Ha
Private irrigation schemes	Yes / No	Ha
Boreholes (total)	Yes / No	Liters / hour
Dams in creeks	Yes / No	Ha
Rivers	Yes / No	Ha
Other	Yes / No	Ha
TOTAL water available for irrigation		Ha

4.1.2 What is the quality of the irrigation water? **Good / Poor**

4.1.3 If "poor" why?
Alkaline / chlorine / toxic / other (state): _____

4.1.4 Is the yield of the boreholes constant? **Yes / No**

4.1.5 If so, for how many years already? _____ years.

4.2 IRRIGATION

4.2.1 How many hectares are under irrigation with the present water supply, taking into account the equipment, method and management?

SEASON	QUANTITY (HA)
In the summer	
In the winter	
In the double season per year (where the climate allows it)	

4.2.2 Is the present water supply such that a greater area of land can be irrigated permanently?
Yes / No / Doubtful

4.2.3 If so how much? _____ ha

4.2.4 State number of hectare prime irrigation land on which crop rotation is practiced, in other words so that the same land is not irrigated each year? _____ ha

4.2.5 Method of irrigation:

Canal	Yes / No
Diesel Pump	Yes / No
Electric Pump	Yes / No
Flood	Ha
Conventional spray irrigation	Ha
Centre pivot / swing beam / caterpillar spray etc	Ha
Drip	Ha
Micro	Ha
TOTAL	Ha

5. DRY LANDS

5.1 Which cash crops are normally grown on dry lands (Delete what is not applicable)?

Maize	Yes / No
Ground-nut	Yes / No
Wheat	Yes / No
Sunflower	Yes / No
Sorghum	Yes / No
Soya bean	Yes / No
Cotton	Yes / No
Other (state):	Yes / No
	Yes / No

5.2 Is crop rotation being practiced? Yes / No

5.3 What are the normal fertilizing practices? i.e. 300 kg KAN (Potassium Ammonium Nitrate) or 400 kg 2.3.2 etc.

6. FRUIT

(NB – NEED BE COMPLETED ONLY WHERE CULTIVATION OF FRUIT CONTRIBUTES TO THE FARM INCOME. FRUIT TREES FOR DOMESTIC USE MUST NOT BE INCLUDED .

1. CITRUS FRUIT	NUMBER OF TREES	AGE	AREA (HA)

2. DECIDUOUS FRUIT	NUMBER OF TREES	AGE	AREA (HA)

3. SUB-TROPICAL FRUIT	NUMBER OF TREES	AGE	AREA (HA)

7. FORESTRY

(NB – NEED BE COMPLETED ONLY WERE FORESTRY CONTRIBUTES TO THE FARM INCOME)

KIND (GUMS, PINES, WATTLES, ETC.)	AGE	AREA (HA)
TOTAL		

8. VINYARDS

8.1 (NB – NEED BE COMPLETED ONLY WHERE VITICULTURE CONTRIBUTES TO THE FARM INCOME. VINYARDS FOR DOMESTIC USE MUST NOT BE INCLUDED.)

UNDER WINE GRAPES	OVERHEAD-OR FLOOD IRRIGATION	AREA (HA)	AGE (YEARS)	AVERAGE YIELD PER HA (TONS)	TYPE _ RED OR WHITE
Under irrigation (trellised)					
Under irrigation (not trellised)					
Dry lands (trellised)					
Dry lands (not trellised)					

UNDER TABLE GRAPES	OVERHEAD-OR FLOOD IRRIGATION	AREA (HA)	AGE (YEARS)	AVERAGE YIELD PER HA (TONS)	TYPE _ RED OR WHITE
Under irrigation (trellised)					
Dry lands (trellised)					

UNDER RAISINS (HANEPOORT)	OVERHEAD-OR FLOOD IRRIGATION	AREA (HA)	AGE (YEARS)	AVERAGE YIELD PER HA (TONS)
Under irrigation (trellised)				
Under irrigation (not trellised)				
Dry lands (trellised)				
Dry lands (not trellised)				

UNDER RAISINS (SULTANAS)	OVERHEAD-OR FLOOD IRRIGATION	AREA (HA)	AGE (YEARS)	AVERAGE YIELD PER HA (TONS)

Irrigation				
Dry lands				

- 8.2 What wine quota has been allocated to the farm? Tons
- 8.3 Is full use made of the wine quota? Yes / No
- 8.4 If not, what quantity is produced? _____
and why not? _____

9. SUGAR

9.1 Areas

LAND PLANTED	IRRIGATION (HA)	DRY LAND (HA)	TOTAL (HA)
TOTAL			

9.2 RV (Relative Value) TONNAGE

	TON	TON	TON
	TON	TON	TON
TOTAL	TON	TON	TON

- 9.3 Distance from mill: _____ km.
- 9.4 Projected cost of transport of sugarcane per ton from the farm to the mill: _____ R / ton.
- 9.5 What do you consider as a realistic market value of the unit based on the tonnage sugarcane produced by the farm R _____.
- 9.6 What formula have you used to calculate said market value? (i.e. R80/ton sugarcane, etc.)

10. PRODUCTIVITY

10.1 Land already owned by applicant (collectively)

What do you consider the average annual production capacity of the unit to be under present farming methods, taking into account the uncertainty of natural conditions (The extension Officer should be consulted if possible).

SOURCE OF INCOME	NUMBER OF HECTARE OR ANIMALS	PRODUCTION	GROSS INCOME	NET TO INCOME (GROSS INCOME MINUS PRODUCTION COSTS)

10.2 Land applicant intends purchasing

If the applicant applies to purchase the land concerned, production capacity must be based on the capital and/or working assets and management ability of the applicant. (The Extension Officer should be consulted if possible).

SOURCE OF INCOME	NUMBER OF HECTARE OR ANIMALS	PRODUCTION	GROSS INCOME	NET TO INCOME (GROSS INCOME MINUS PRODUCTION COSTS)

11. FOR COMPLETION BY EXTENSION OFFICER BASED ON KNOWLEDGE OF THE FARMER

11.1 How does the production capacity of the unit compare with that of other farms in the vicinity?
Above average / Average / Below average / Poor

11.2 As far as area and production capacity are concerned, does the land being farmed constitute a unit on which an average farmer can make a decent living?
Yes / No / Borderline

11.3 Is the farming unit being used to its maximum potential?
Yes / No

11.4 If not, why not? _____

11.5 Do the applicant's present farming methods show that he/ she has the necessary knowledge and ability?
Yes / No / Doubtful

11.6 Does the applicant:
 Need guidance? **Yes / No**
 Need supervision and management in respect of his farming? **Yes / No**

12. VALUATION OF LAND: (Only applicable for owned land) (see instructions (e) and (f) on front page)

12.1

	TYPE OF LAND ACCORDING TO CLASSIFICATION OR TEXTURE EG. SAND, LOAM, TURF	AREA (HA)	VALUE PER HA*	TOTAL VALUE (R)*
IRRIGATION LAND				
Flood				
Conventional spray irrigation				
Centre pivot / Swing beam				
Drip / Micro				
Rotational irrigation (eg. Developed lands but not enough water)				
Potential irrigation (eg. Enough water but lands not yet developed)				
DRY LANDS				
FORESTRY				
Commercial forestry	N/A			
NATURAL GRAZING				

Vlei and riparian land	N/A			
Plains	N/A			
Ridges and mountains	N/A			
ESTABLISHED PASTURE				
1 st kind:				
2 nd kind:				
(a) Land total -	Area:	ha	Value:	R
(b) Total of suitable improvements				R

* Only applicable where own land

12.2 In your opinion, what is the present realistic market value of this unit? R _____.

13. PARTICULARS AND VALUATIONS OF MOVABLE ASSETS OF THE APPLICANT

13.1 ENCUMBERED MOVABLE ASSETS:

				HIRE-PURCHASE FINANCIER eg. STANNIC, ABSA, ETC	VALUATION (R)
LIVESTOCK					
<u>TYPE – Beef or dairy</u>	Gender	Number	Value per head		
VEHICLES					
<u>Type</u>	Model & Year	Manufacturer	Capacity		
IMPLEMENTS					
<u>Type</u>	Model & Year	Manufacturer	Capacity		

13.2 UNENCUMBERED MOVABLE ASSETS:

<u>Type</u>	Model & Year	Manufacturer	Capacity	VALUE

14 Further comment and remarks in respect of information and valuation as furnished in this report?

SIGNED at _____ on this _____ day of _____ 20__.

EXTENSION OFFICER:

Print name sign