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APPENDIX: THE QUESTIONNAIRE

**FOR THE SURVEY STUDY
OF THE FACTORS INFLUENCING THE SUCCESS OF SMALL-SCALE
IRRIGATION FARMERS IN NKOMAZI (MPUMALANGA)**

Name of Interviewer:

Date of Interview:

Name of the Scheme:

Name of the Respondent:

1 How old are you?

2. Sex

3 Farm size.....

4 Total Years of farming experience.....

5 Total years of work experience and please indicate what kind of work.

6 What have you achieved in farming so far (as a farmer)

Code	Code
Cannot say anything at all	1
Has things to tell that make sense	2
Knows exactly his goals	3

7. What are your aspirations in farming?

8 How much Fertiliser have you been applying in sugar cane farming?

9 Distance to land (from farmers field)?.....

10 How do get to your field(s)

Way	Code

Not answered/ No comment	0
Walk	1
Taxi	2
Own transport	3
Other (bicycle	4

11. Time (How long does the trip take to complete)?

Time	Answer
Not answer/ no comment	0
<10 minutes	1
10,1-15 minutes	2
15,1-20 minutes	3
20,1- 30 minutes	4
30,1-60 minutes	5
> 60 minutes	6

12. Under which conditions would you settle on this project?

If question irrelevant:.....

If question is relevant.....

13. What is for you the importance of record keeping in farming?.....

14 Which factors prevent you from managing your farm better?.....

15.Entrepreneurship before joining the current project?

16 Business skill (Have you ever tried to sell anything for profit)?

17 (How much (%) of your time is spend in your farm goes into management activities).

18 To what extent are your aware and go along with traditional authority?

19 Willingness to listen to the advice of other farmers.

20 Membership (To how many organisations in your community do you belong?.....
.....
.....

Risk assessment in Nkomazi

21 Page 6, top of the page

- a) Take the total amount of the “assets at present” in the right hand column
- b) Subtract from this amount, the total of the “liabilities at present” in the right hand column, below the “assets at present” column.
- c) The result of the calculation is called the Net value of the farmer.
- d) Now go to the “ Loan amount “ which is written in handwriting just after the sentence following this assets and liabilities column that you have just used. Subtract this Loan Amount “ from the calculated “Net value”
- e) Now take this calculated amount and divide it by the “Net value”- this gives the score
- f) Take the score and multiply it by 31,43
- g) This is the code that has to go into the database.

Total amount of assets at present – Total amount of liabilities at present =Net value
Net Value – Loan amount

Net Value – Amount =CODE
Net Value

22 Net Farming Income (annual Net Farming Income) is The CODE: amount mentioned

23. (Who should do the overall management of all the Nkomazi farming projects) CODE See (*)

(*) Codes for organisations
0= No answer / no comment

1=Government
2=MDC
3=Contractors
4=Eskom
5= we, the farmers to themselves
6= Dep. water Affairs
7= Hauliers
8= TSB
9= FAF

10= Mill Cane Committee
 11= If any other organisations are mentioned, give next value

24 How should the overall management of the Nkomazi be done?

	Code
Not answered / no comment	0
Has no idea	1
Has idea	2
Has good idea	3

25. (Who should do the co-ordination of activities that concern all the Nkomazi)
 CODE (See (*))

26 who should do the management of your specific project) CODE: See (*))

27(Who should do the management of your specific project) Code: See (*))

28 (How should the management of your project be done) CODE: (*))

	Code
Not answered	0
Has no idea	1
Has idea	2
Has good idea	3

29 Who should do the co-ordination of activities that concern your project CODE:
 See (*))

Who should maintain the following bulk infrastructure off farm? CODE: See (*))

Infrastructure	(Org) Code
AD Roads	1-10
AE Pumps	1-10
AF Weirs	1-10
AG Elecline	1-10

AH	Canals	1-10
AI	Fencing	1-10
AJ	Pipes	1-10

Who should maintain the bulk infrastructure on Farm? Code: See (*)

Infrastructure on farm		Code
AK	Roads	1-10
AL	Pumps	1-10
AM	Sheds	1-10
AN	Shed fencing	1-10
AO	Offices	1-10
AP	Machinery	1-10
AQ	Equipment	1-10
AR	Pipes	1-10
AS	Canals	1-10

30 How important is the project clerk on your project?

Code: 0=not answered/no comment; 1= not important; 2 important; 3= very important

31 How many clerks should there be on your project: 0=not answer

Number mentioned =CODE

32 How efficient do you think is the project: 0=not answered/ no comment; 1=not efficient; 2= efficient 3= very efficient

33 Why clerk is efficient / inefficient

Reason has to do with	Code
No comment /no answer	0
Clerk's support structures (manager)	1
Clerk's office equipment	2

Clerk's training	3
Clerk's salary	4
Other	5
Combination e.g 1 and 4=14	6

34 What can be done to improve the situation regarding your project clerk?

Reason has to do with	Code
No comment /answer	0
Improve clerk's support structures e.g (Manager)	1
Improve clerk's office and equipment	2
Improve clerk's training	3
Improve clerk's salary	4
Other	5

35 How much does the project clerk earn in terms of salary?

This amount is the code. If not answered, code is 00

36 How much should the clerk be earning?

This amount is the Code. If not answered, Code is 00

37 Calculate the difference between what the clerks is earning and what farmer says s/he should be earning. This amount is the code (See *)

Codes:

0= no comment /no answer - 1= money – 2= Funding – 3=workshops

- 4= Markets – 5= If farmer mentioned another aspect, give a new number
- 6=, 7=, 8 = other A combination of codes may be used for more than one reason e.g. 134 and 1,3,and 4

38 What will assist and motivate your interest and ownership in Nkomazi (See Code in the box).

39 What will motivate and assist you and your local farming association (See code in the box).

40 What will motivate and assist your own farming activities (See code in the box).

41 Practices Adoption in Nkomazi

If not answered Code= 0		Codes	
		Yes	No
Soil preparation	BE (Variables)	1	2
Taking soil samples	BG	1	2
Fertilisation	BI	1	2
Scouting for pests	BK	1	2
Pest control	BM	1	2
Scouting for diseases	BO	1	2
Disease control	BQ	1	2
Irrigation scheduling	BS	1	2
Planting	BU	1	2
Cultivars selection	BW	1	2
Crop yield estimation	BY	1	2
Harvesting	CA	1	2
Marketing	CC	1	2
Financial record keeping	CE	1	2
Crop record keeping	CG	1	2
Pump maintenance	CI	1	2
Irr.System maintenance	CK	1	2
Weed control	CM	1	2

42 Previous knowledge of Recommended agricultural practices

If not answered Code= 0		CODES	
		YES	NO
Soil preparation	CO	1	2
Taking soil samples	CP	1	2
Fertilisation	CQ	1	2
Scouting for pests	CR	1	2
Pest control	CS	1	2
Scouting for diseases	CT	1	2
Disease control	CU	1	2
Irrigation scheduling	CV	1	2
Planting	CW	1	2
Cultivars selection	CX	1	2
Crop yield estimation	CY	1	2
Harvesting	CZ	1	2
Marketing	DA	1	2
Financial record keeping	DB	1	2
Crop record keeping	DC	1	2
Pump maintenance	DD	1	2
Irrigation system maintenance	DE	1	2
Weed control	DF	1	2

43 Willingness to undergo more training with regard to Agricultural practices

If Not answered Code =0		Codes	
		Yes	No
Soil preparation	BFBF	1	2
Taking soil samples	BH	1	2

Fertilisation	BJ	1	2
Scouting for pests	BL	1	2
Pest control	BN	1	2
Scouting for diseases	BP	1	2
Disease control	BR	1	2
Irrigation scheduling	BT	1	2
Planting	BV	1	2
Cultivars selection	BX	1	2
Crop yield estimation	BZ	1	2
Harvesting	CB	1	2
Marketing	CD	1	2
Financial record keeping	CF	1	2
Crop record keeping	CH	1	2
Pump maintenance	CJ	1	2
Irr.system maintenance	CL	1	2
Weed control	CN	1	2