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APPENDIX A

INTERVIEW SCHEDULE

Farmer no.	Land size	Average yield	Family size	Monthly consumption	Annual consumption	Average shortfall	Average supplus	Price of meal	Price of seed	Price of fertilizer	Where do you get inputs	Cultivars planted		When do you plough?	How many times?
												Maize (ha)	Sorghum (ha)		

Farmer no.	When do you plant?	When do you culti-vate?	Seed used?	Fertiliser used?	Top-dressing used?	Plough cost	Planting cost	Who ploughs for you?	How many times do you cultivate?	Do you do seed-bed prep?	How deep do you plough?	Are you afraid that we may take your land	Are you afraid we take your crop?	What fears do you have?	What problems do you have?

Excerpts from the Interview Schedule

APPENDIX B

EXAMPLE OF PLANTING PROGRAMMES

FARMERS CALENDER FOR 1991/92 SEASON			
DAY	SEPTEMBER	OCTOBER	NOVEMBER
1st	Arrange for seed bed prep	Start planting	Buy Thiodan 1%
2nd			Arrange labour for topdressing
3rd		Attend Group Meeting	
4th			Attend Group Meeting
6th	Attend Group Meeting		
7th			
8th			
9th		Arrange labour for hoeing	
10th			
11th			
12th			
13th			
14th		Start hoeing lands	Apply top dressing
15th	Prepare seed beds		
16th			Pay labourers
17th			Scout for stalk borer
18th		Attend Group Meeting	
19th			Attend Group Meeting
20th	Attend Group Meeting	Pay people for hoeing	Apply Thiodan
21st			Pay labourers
22nd			
23rd			
24th			
25th	Buy seed, fertiliser, transport		
26th			
27th			Scout for stalk borer
28th			
29th			
30th			

APPENDIX C

TIME TABLE FOR LECTURES

TRAINING PROGRAMME FOR 1991 -92 SEASON						
DATE		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9/9/91 - 13/9/91	AM PM	Morgenzon Uitkyk	Tweefontein I Tweefontein II	Klipspruit III Suikerbos	Puleng Groenfontein	Kadishi I
16/9/91 - 20/9/91	AM PM	Tafelkop Sterkfontein	Potgietrshoop Sterkfontein	Lukau Boekenhtkloof	Boschpoort Vergelegen	Kadishi II
23/9/91 - 27/9/91	AM PM	Morgenzon Uitkyk	Tweefontein I Tweefontein II	Klipspruit III Suikerbos	Puleng Groenfontein	Kadishi I
30/9/91 - 4/10/91	AM PM	Tafelkop Sterkfontein	Potgietrshoop Sterkfontein	Lukau Boekenhtkloof	Boschpoort Vergelegen	Kadishi II
7/10/91 - 11/10/91	AM PM	Morgenzon Uitkyk	Tweefontein I Tweefontein II	Klipspruit III Suikerbos	Puleng Groenfontein	Kadishi I
14/10/91 18/10/91	AM PM	Tafelkop Sterkfontein	Potgietrshoop Sterkfontein	Lukau Boekenhtkloof	Boschpoort Vergelegen	Kadishi II
21/10/91 25/10/91	AM PM	Morgenzon Uitkyk	Tweefontein I Tweefontein II	Klipspruit III Suikerbos	Puleng Groenfontein	Kadishi I
28/10/91 1/11/91	AM PM	Tafelkop Sterkfontein	Potgietrshoop Sterkfontein	Lukau Boekenhtkloof	Boschpoort Vergelegen	Kadishi II
4/11/91 8/11/91	AM PM	Morgenzon Uitkyk	Tweefontein I Tweefontein II	Klipspruit III Suikerbos	Lukau Boekenhtkloof	Kadishi I

APPENDIX D

ORAL EXAMINATION

PHOKOANE PHOKOANE PHASE I - 1990

ORAL EXAMINATION

Q = QUESTIONS
A = ANSWERS

1	Q - Name three ways as to how we can control witch weed. A - (a) Plant early (b) Fertilise correctly (c) Crop rotation.
2	Q - What is fertiliser? A - Food for the plant.
3	Q - Name the most important types of fertiliser for maize. A - Phosphate and Nitrogen.
4	Q - When do we apply Phosphate? A - When we plant.
5	Q - When do we apply Nitrogen? A - 4 to 6 weeks after planting.
6	Q - When should I start ploughing? A - When the soil is wet, preferably in Winter.
7	Q - What are the advantages of ploughing early? A - Being prepared to plant early and to control couch grass.
8	Q - How deep must I plough and how many times should I plough? A - Plough 10" deep and plough once only.
9	Q - Why must I plough 10" deep? A - For healthy root formation and moisture conservation.
10	Q - When should I use lime? A - When my soil is sour.
11	Q - What should the Ph be for maize? A - Ph: 6 - 7.
12	Q - What should the Ph be for beans? A - Ph: 6,5 - 7.
13	Q - What does sour soil do to plants? A - Holds back the food (fertiliser) from the plant.
14	Q - What is the function of grass strips? A - Soil conservation.
15	Q - What are weeds and what do they do? A - Thieves. They steal the plant's food and water.
16	Q - What is the function of contours? A - Soil conservation.

17	Q - How many types of weed do we have? A - Two: sheep and goats.
18	Q - When should I start with weed control? A - As soon as I see weeds.
19	Q - Name three methods or ways to control weed. A - I) Hand hoeing ii) Mechanical iii) Spraying
20	Q - How deep must I plant beans? A - The depth of a match box.
21	Q - How far apart in the row must they be planted? A - 3" apart.
22	Q - Name three advantages of planting beans. A - I) Control witch weed ii) Later planting dates iii) Build up N in soil.
23	Q - How are you aware of stalk borer infestation? A - See windows in the leaves.
24	Q - At what stage do you expect your first infestation? A - As from four weeks after planting.
25	Q - What does the stalk borer do to the plant? A - Cuts off the plants food supply.
26	Q - When must I treat for stalk borer? A - As soon as I see windows on the leaves.
27	Q - When should I plant maize? A - End September/beginning October.
28	Q - How deep do I plant my maize? A - Four fingers deep.
29	Q - How many plants per hectare? A - 25 000 plants.
30	Q - Is it correct to hold back maize for seed? A - No. This seed will not produce.

APPENDIX E

TEST RESULTS

Phokoane F.S.P. Phase I Training 1990

Results of Oral Examination   Pass Mark = 70 %

Answers to Question 1-30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total	
J. Maabane	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	X	½	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	X	✓	24.5	82%
E. Malope	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	30	100%
E. Thokoane	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	½	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	28.5	95%
R. Tsima	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	30	100%
A.Thokoane	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	30	100%
M. Maredi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	½	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	28.5	95%
R. Rampedi	✓	✓	X	✓	X	X	X	✓	✓	X	X	X	X	✓	✓	½	X	✓	✓	✓	X	X	✓	✓	✓	✓	✓	✓	✓	✓	18.5	62%
L. Mashamaite	½	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	½	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	½	27.5	92%
S. Mashamaite	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	½	X	½	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	½	27.5	92%
K. Motsweni	½	✓	✓	✓	✓	✓	½	✓	½	✓	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓	½	✓	X	✓	X	✓	✓	✓	✓	23	77%
R. Lekwana	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	30	100%
F. Makaba	✓	✓	½	✓	X	½	✓	✓	✓	X	X	X	X	✓	✓	✓	✓	X	½	✓	X	X	X	✓	X	X	X	X	✓	✓	15.5	52%
P. Rampedi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	✓	X	½	✓	✓	✓	✓	✓	✓	✓	½	✓	✓	✓	✓	✓	✓	✓	✓	27	90%
J. Mmotong	X	✓	✓	✓	✓	✓	½	✓	✓	✓	✓	✓	½	✓	✓	✓	✓	✓	✓	✓	✓	½	✓	✓	✓	✓	✓	✓	✓	✓	27.5	92%
J. Mokwana	✓	✓	✓	✓	✓	✓	½	✓	✓	X	X	X	½	✓	✓	½	½	½	½	✓	X	½	X	✓	✓	✓	✓	✓	✓	✓	21	70%
J. Mogayana	✓	✓	✓	✓	✓	✓	½	✓	½	X	X	X	½	X	✓	✓	✓	✓	✓	✓	X	½	✓	✓	½	✓	✓	✓	✓	✓	22.5	74%
J. Tau	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	X	½	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	26.5	88%
M. Thokoane	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	25	83%
M. Mankuruane	✓	✓	½	✓	X	✓	✓	✓	✓	✓	X	X	X	X	✓	✓	✓	X	✓	✓	✓	X	✓	✓	✓	✓	✓	X	✓	✓	21.5	72%
J. Paledi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	27	90%

APPENDIX F

GRADUATION PROGRAMME

<u>PROGRAMME</u> : M.C. – Ephraim Mokhine

CERTIFICATE PRESENTATION KADISHI CO-OP

DATE : 2 August 1991
TIME : 10h00

10h00 – 10h15   OPENING : Prayer

10h15 – 10h25   WORD OF WELCOME : Regional Director Dept. of
Agriculture

10h25 – 10h45   INTRODUCTION OF GUESTS : Mr. P. Seerane –
Manager : Kadishi Co-op

10h45 – 11h00   FARMER REPORT-BACK : Local Farmers

11h00 – 11h25   QUIZ MATCH : Mr. J. Adendorff – Technical
Training Manager

11h25 – 11h35   TRADITIONAL POEM : Kadishi Farmers

11h35 – 12h00   SPEECH AND PRESENTATION OF CERTIFICATES :
The Honourable The Minister of Agriculture and
Nature Conservation – Kgoshi K.P. Phasha

12h00 – 12h10   ACKNOWLEDGEMENTS : Mr. A. Jurriaanse –
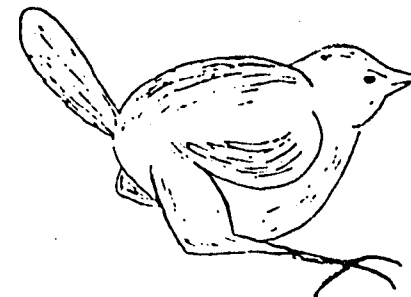General Manager L.A.C.

CLOSING WITH PRAYER

12H30   LUNCH

APPENDIX G

GRADUATION CERTIFICATE

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Phokoane Agricultural Co-Operative Ltd.

Training Certificate

Boy Mokwana

Completed a course in

Maize Cultivation

Training Official

Chairman

6th August 1990.

Date

GRAPH OF MAIZE PRODUCTION

PHOKOANE BEFORE FSP
PRODUCTION VS CONSUMPTION

BAGS PRODUCED PER HA

(CURRENT PRODUCTION = 26,0%

OF ANNUAL REQUIREMENTS)

AVE. ANNUAL CONSUMPTION

OF MEALIEMEAL PER FAMILY = 14,0 BAGS

1987 1988 1989

NATIONAL
AVERAGE

FARMER PRODUCTION

■ Series 1

BAGS PRODUCED