

Evaluation of sesame crop technology

“Development ,transfer and adoption”

ACASE STUDY

Blue Nile State

AQUESTIONNAIRE FOR FARMERS

NAME

PERSONAL CHARACHTERISTICS

AGE

15-20

20-30

30-40

40-50.

..>50

2.MARITAL STATUTS

1-BACHELOR 2-MARRIED 3-DEVORCED 4-WIDOW
5-SEPARATED

3.EDUCATION LEVEL

1-ILLITERATE 2-KHALWA

3-1-4YEARS OF FORMAL EDUCATION BEFORE
UNIVERSTY

4-5-8YEARS OF FORMAL EDUCATION BEFORE
UNIVERSTY

5-9-12 YEARS OF FORMAL EDUCATION BEFORE
UNIVERSTY

6-UNIVERSTY 7-HIGHER EDUCATION

4.FAMILY SIZE

1.2-5 2. 6-9 3. 10-13 4.> 13

5.OCUPATION

1-FARMERS ONLY 2- GOVERNMENT OFFICER 3-
MERCHANT

4- POSSESS ESTATES 5- POSSESS TRUCKS AND
TRACTORS

6- OTHERS.....MENTION

6.INCOME

1-< 200,000 SUDANESE DINARS 2- 200,000-500,000

3-500,000-ONE MILLION 4-..> ONE MILLION

7. DO YOU HIRE LABORS FOR AGRICULTURAL WORK ?

1-ALWAYS 2-NO LABORS 3- SOMETIMES

8- HOW MANY IS THE LABOR COST?

- 1- < 50% OF the total production cost
- 2- 50% “ “ “ “ “
- 3- 60% “ “ “ “ “
- 4- 70% “ “ “ “ “

Improved seeds

- 9. Do you used improved seeds ?
 - 1)always 2) often 3) sometimes 4) rarely 5) not use
- 10. What are the varieties do you use?
- 11. From where do you get your seeds ?
 - 1-previous crop 2-agricultural bank 3-research station
 - 4-Arabic company 5-Othermention it
- 12. How do you prepare your land ?
 - 1) at least one deep plowing in the year + 1-2 shallow disking in the year after weeds emergence.
 - 2-One plowing in the year 3-No plowing
- 13.Do you believe the recommended land if you happened to use – in crease your sesame yield
 - 1- believe strongly 2- believe 3- not sure 4- not believe at all
 - 5- no use of the question
- 14-Do you know the recommended land preparation
 - 1- I know 2- I don't know
- 15-What is the recommended crop rotation ?
- 16- Do you practice this rotation?
 - 1- practice 2- not practice
- 17- How many feddans do you sow with sesame?
 - 1-50% of the area 2- 85% of the area 3-15% of the area
- 18-What is your opinion in this rotation?
 - 1-very suitable 2- suitable 3-not sure 4-not suitable 5-completely not suitable
- 19- Do you know the recommended sowing date?
 - 1- 1know 2-1do don't know
- 20-Do you believe sowing in the recommended sowing date increase your yield ?
 - 1-Strongly believe 2- Believe 3- some sort 4- Not believe
 - 5- not believe at all
- 21- When do you do sesame sowing ?
 - 1-15 June – 15 July 2- Last of May 3- First of August

- 22- If happen you sow late why ?
1- Because of late rains 2- Inputs not available 3- Inputs not available but of high price 4- Labors not available 5- Labors available but of high price
- 23- Do you know the recommended sowing rate ?
2- I know 2- I do not know
- 24- What is the Quantity of seeds you used per Feddan ?
1- 1.5 Kg per Feddan 2- < 1.5 Kg per Feddan 3- >1.5 Kg per Feddan
4- Other Mention
- 25- Is the recommended quantity enough ?
1- Completely enough 2- Enough 3- Not sure 4- Not enough
5- Not enough at all
- 26- Do you know the recommended sowing method ?
1- I know 2- I do not know
- 27- How do you do your ssowing ?
1- In rows 7.5×60 cm apart 2- Broadcasting by seeder box 3- by Broadcasting by men mounted over the machine 4- Broadcasting by hands 5- Other mention
- 28- Do you know the recommended sowing method ?
1- I know 2- I do not know
- 29- Do you add fertilizers ?
1- Adopt 2- Not adopt