

**ADEOs**

**Agriculture Diary**

**for**

**Extension Officers**

**April to June, 2011**





**Ministry of Agriculture and Co-operatives**

**Department of Agriculture**

Contents

1. Mission and TORs For Camp Extension Officer
2. District’s Objectives and Performance Indicators
3. Camp-level Performance Indicators
4. Camp Profile (No. of zones, villages, farmers, main crops and potential crops, etc.)
5. ![C:\Users\miyoshi\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7CPS27FI\MC900312466[1].wmf]()Monthly Calendar
6. Bi-Weekly Calendar (Plan and Achievement)
7. Forms of Various Reports and Schedules
8. Knowledge & Information Base (Map / Crops / techniques etc.)
9. Address Book of Clients (Farmers and Farmer Groups)
10. ![C:\Users\miyoshi\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\IKUILDDD\MC900079061[1].wmf]()FAQ report sheet
11. Memo

|  |
| --- |
| Guide:Plan your work schedule with this diary and keep record your work.Carry this diary everywhere you go.Report your work plan and achievement to your supervisor with this diary. |

# *JOB PURPOSE of Camp Extension Officers*

Mission: **To undertake the provision of extension services in order to facilitate dissemination of information and technologies for improved agriculture at camp level**

|  |  |
| --- | --- |
| KEY RESULT AREA | PRINCIPAL ACCOUNTABILITIES  |
| Training | Conducts timely demonstrations and training of farmers in order to ensure effective delivery of appropriate information on technology  |
| Technical Support | Conducts timely demonstrations and agronomic practices for the farmers in order to ensure effective delivery of appropriate technologies. |
| Performance management | Ensures timely development of individual and camp work plans in order to monitor and evaluate performance |

## REPORTING RELATIONSHIPS

### a) Reports to:

 Block Extension Officer (District)

### b) Other Jobs Reporting to above:

 Other camp extension officers

### c) Number and Level of Immediate Subordinates:

 None

**d)** **Contacts**

#### i) Internal Contacts:

 Agricultural Officers

 Other District Staff

#### ii) External Contacts:

 NGOs, Farmers and Other stakeholders

**District Objectives for Extension Services**

District Mission Statement

|  |
| --- |
|  |

District Objectives for 3 months

|  |
| --- |
|  |

District Key Indicators

|  |  |  |
| --- | --- | --- |
|  Key Indicator | Period/Unit | Target |
|  |  |  |
|  |  |  |
|  |  |  |

 **Objectives for Extension Services in My Agricultural Camp**

Mission Statement

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| --- |
|  |

Objectives for 3 months

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| --- |
|  |

) Key Indicators

|  |  |  |
| --- | --- | --- |
|  Key Indicators | Period/Unit | Target |
|  |  |  |
|  |  |  |
|  |  |  |

Camp Profile

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client | Zones | Villages | Study Groups | Households | Population |
| M | F |
| 1. Total number in your camp  |  |  |  |  |  |  |
| 2. Number of current serviced  |  |  |  |  |  |  |

Map of Camp

|  |
| --- |
|  |

List of Popular Crops and Potential Crops

|  |  |
| --- | --- |
| Popular Crops123456789 | Potential Crops123456789 |

**3 Months Calendar**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **April** |  |  | **May** |  |  | **June** |
| 1 | Fri | 　 | 1 | Sun | 　Labour Day | 1 | Wed | 　 |
| 2 | Sat | 　 | 2 | Mon | 　Substitute Holiday | 2 | Thu | 　 |
| 3 | Sun | 　 | 3 | Tue | 　 | 3 | Fri | 　 |
| 4 | Mon | 　 | 4 | Wed | 　 | 4 | Sat | 　 |
| 5 | Tue | 　 | 5 | Thu | 　 | 5 | Sun | 　 |
| 6 | Wed | 　 | 6 | Fri | 　 | 6 | Mon | 　 |
| 7 | Thu | 　 | 7 | Sat | 　 | 7 | Tue | 　 |
| 8 | Fri | 　 | 8 | Sun | 　 | 8 | Wed | 　 |
| 9 | Sat | 　 | 9 | Mon | 　 | 9 | Thu | 　 |
| 10 | Sun | 　 | 10 | Tue | 　 | 10 | Fri | 　 |
| 11 | Mon | 　 | 11 | Wed | 　 | 11 | Sat | 　 |
| 12 | Tue | 　 | 12 | Thu | 　 | 12 | Sun | 　 |
| 13 | Wed | 　 | 13 | Fri | 　 | 13 | Mon | 　 |
| 14 | Thu | 　 | 14 | Sat | 　 | 14 | Tue | 　 |
| 15 | Fri | 　 | 15 | Sun | 　 | 15 | Wed | 　 |
| 16 | Sat | 　 | 16 | Mon | 　 | 16 | Thu | 　 |
| 17 | Sun | 　 | 17 | Tue | 　 | 17 | Fri | 　 |
| 18 | Mon | 　 | 18 | Wed | 　 | 18 | Sat | 　 |
| 19 | Tue | 　 | 19 | Thu | 　 | 19 | Sun | 　 |
| 20 | Wed | 　 | 20 | Fri | 　 | 20 | Mon | 　 |
| 21 | Thu | 　 | 21 | Sat | 　 | 21 | Tue | 　 |
| 22 | Fri | 　Good Friday | 22 | Sun | 　 | 22 | Wed | 　 |
| 23 | Sat | 　Holy Saturday | 23 | Mon | 　 | 23 | Thu | 　 |
| 24 | Sun | 　Easter | 24 | Tue | 　 | 24 | Fri | 　 |
| 25 | Mon | 　Easter Monday | 25 | Wed | 　Africa Freedom Day | 25 | Sat | 　 |
| 26 | Tue | 　 | 26 | Thu | 　 | 26 | Sun | 　 |
| 27 | Wed | 　 | 27 | Fri | 　 | 27 | Mon | 　 |
| 28 | Thu | 　 | 28 | Sat | 　 | 28 | Tue | 　 |
| 29 | Fri | 　 | 29 | Sun | 　 | 29 | Tue | 　 |
| 30 | Sat | 　 | 30 | Mon | 　 | 30 | Wed | 　 |
|  |  | 　 | 31 | Tue | 　 |  |  | 　 |

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| **PLANNED ACTIVITIES** |

**April**

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| 4 | Mon | 　 |
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| 7 | Thu | 　 |
| 8 | Fri | 　 |
| 9 | Sat | 　 |
| 10 | Sun | 　 |
| 11 | Mon | 　 |
| 12 | Tue | 　 |
| 13 | Wed | 　 |
| 14 | Thu | 　 |
| 15 | Fri | 　 |
| 16 | Sat | 　 |

|  |
| --- |
| **ACTUAL** |

**April**

|  |  |  |
| --- | --- | --- |
| 1 | Fri | 　 |
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| 13 | Wed | 　 |
| 14 | Thu | 　 |
| 15 | Fri | 　 |
| 16 | Sat | 　 |

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| --- |
| **PLANNED ACTIVITIES** |

**April**

|  |  |  |
| --- | --- | --- |
| 17 | Sun | 　 |
| 18 | Mon | 　 |
| 19 | Tue | 　 |
| 20 | Wed | 　 |
| 21 | Thu | 　 |
| 22 | Fri | 　Good Friday |
| 23 | Sat | 　Holy Saturday |
| 24 | Sun | 　Easter |
| 25 | Mon | 　Easter Monday |
| 26 | Tue | 　 |
| 27 | Wed | 　 |
| 28 | Thu | 　 |
| 29 | Fri | 　 |
| 30 | Sat | 　 |

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| --- |
| **ACTUAL** |

**April**

|  |  |  |
| --- | --- | --- |
| 17 | Sun | 　 |
| 18 | Mon | 　 |
| 19 | Tue | 　 |
| 20 | Wed | 　 |
| 21 | Thu | 　 |
| 22 | Fri | 　Good Friday |
| 23 | Sat | 　Holy Saturday |
| 24 | Sun | 　Easter |
| 25 | Mon | 　Easter Monday |
| 26 | Tue | 　 |
| 27 | Wed | 　 |
| 28 | Thu | 　 |
| 29 | Fri | 　 |
| 30 | Sat | 　 |

**SUMMARY FOR THIS MONTH’S ACTIVITIES**

**1. Utilization of Days**

|  |  |
| --- | --- |
| Number of Total Days for This Month | 31/ 30/ ( ) |
| Number of Days in the Field |  |
| Number of Days in the office (home) to work |  |
| Number of Days for resting  |  |
| Number of Days for other purposes |  |

**2. Group and Individual Farmers Met**

|  |  |  |  |
| --- | --- | --- | --- |
| **ZONE** | **Dates Visited (e.g.3,6,13,29)** | **Farmers met** | **Major Issues / Comments** |
| . |  | M | F |  |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
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| 8 |  |  |  |  |
|  | TOTAL |  |  |  |

 **3. Major Indicators of Your Performance**

|  |  |  |
| --- | --- | --- |
| **INDICATOR** | **Number** | **No. of Attendance/ Comments/ Remarks** |
| No. of Meetings held |  |  |
| No. of Trainings held |  |  |
| No. of Field Days conducted |  |  |
| No. of Demonstrations conducted |  |  |
| No of Reports prepared |  |  |
| No of Leaflets distributed |  |  |
| (you can add any other indicators) |  |  |

Self-Assessment of Your Performance for this month. (Choose one)

(1) Very Satisfactory, (2) About Average, (3) Not Satisfactory

Reason: ……………………………………………………………………………………………………………………………………………………………………………………………………

**4. Major Indicators of Your Capacity Building**

|  |  |  |
| --- | --- | --- |
| **INDICATOR** | **Number** | **Contents/ Comments/ Remarks** |
| No. of Trainings attended |  |  |
| No. of Books / Materials read |  |  |
| No. of Visits to Lead Farmers |  |  |
| No. of Sessions with SMSs |  |  |
| No of Studies with colleagues |  |  |
| (you can add any other indicators) |  |  |

Self-Assessment of Your Capacity Building of this month. (Choose one)

(1) Very Improved/increased, (2) Fairly Improved (3) Not very much Changed

Reason: ……………………………………………………………………………………………………………………………………………………………………………………………………

|  |
| --- |
| **PLANNED ACTIVITIES** |

**May**

|  |  |  |
| --- | --- | --- |
| 1 | Sun | 　Labour Day |
| 2 | Mon | 　Substitute Holiday |
| 3 | Tue | 　 |
| 4 | Wed | 　 |
| 5 | Thu | 　 |
| 6 | Fri | 　 |
| 7 | Sat | 　 |
| 8 | Sun | 　 |
| 9 | Mon | 　 |
| 10 | Tue | 　 |
| 11 | Wed | 　 |
| 12 | Thu | 　 |
| 13 | Fri | 　 |
| 14 | Sat | 　 |
| 15 | Sun | 　 |

|  |
| --- |
| **ACTUAL** |

**May**

|  |  |  |
| --- | --- | --- |
| 1 | Sun | 　Labour Day |
| 2 | Mon | 　Substitute Holiday |
| 3 | Tue | 　 |
| 4 | Wed | 　 |
| 5 | Thu | 　 |
| 6 | Fri | 　 |
| 7 | Sat | 　 |
| 8 | Sun | 　 |
| 9 | Mon | 　 |
| 10 | Tue | 　 |
| 11 | Wed | 　 |
| 12 | Thu | 　 |
| 13 | Fri | 　 |
| 14 | Sat | 　 |
| 15 | Sun | 　 |

|  |
| --- |
| **PLAN** |

**May**

|  |  |  |
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| 16 | Mon | 　 |
| 17 | Tue | 　 |
| 18 | Wed | 　 |
| 19 | Thu | 　 |
| 20 | Fri | 　 |
| 21 | Sat | 　 |
| 22 | Sun | 　 |
| 23 | Mon | 　 |
| 24 | Tue | 　 |
| 25 | Wed | 　Africa Freedom Day |
| 26 | Thu | 　 |
| 27 | Fri | 　 |
| 28 | Sat | 　 |
| 29 | Sun | 　 |
| 30 | Mon | 　 |
| 31 | Tue | 　 |

|  |
| --- |
| **ACTUAL** |

**May**

|  |  |  |
| --- | --- | --- |
| 16 | Mon | 　 |
| 17 | Tue | 　 |
| 18 | Wed | 　 |
| 19 | Thu | 　 |
| 20 | Fri | 　 |
| 21 | Sat | 　 |
| 22 | Sun | 　 |
| 23 | Mon | 　 |
| 24 | Tue | 　 |
| 25 | Wed | 　Africa Freedom Day |
| 26 | Thu | 　 |
| 27 | Fri | 　 |
| 28 | Sat | 　 |
| 29 | Sun | 　 |
| 30 | Mon | 　 |
| 31 | Tue | 　 |

**SUMMARY FOR THIS MONTH’S ACTIVITIES**

**1. Utilization of Days**

|  |  |
| --- | --- |
| Number of Total Days for This Month | 31/ 30/ ( ) |
| Number of Days in the Field |  |
| Number of Days in the office (home) to work |  |
| Number of Days for resting  |  |
| Number of Days for other purposes |  |

**2. Group and Individual Farmers Met**

|  |  |  |  |
| --- | --- | --- | --- |
| **ZONE** | **Dates Visited (e.g.3,6,13,29)** | **Farmers met** | **Major Issues / Comments** |
| . |  | M | F |  |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
|  | TOTAL |  |  |  |

 **3. Major Indicators of Your Performance**

|  |  |  |
| --- | --- | --- |
| **INDICATOR** | **Number** | **No. of Attendance/ Comments/ Remarks** |
| No. of Meetings held |  |  |
| No. of Trainings held |  |  |
| No. of Field Days conducted |  |  |
| No. of Demonstrations conducted |  |  |
| No of Reports prepared |  |  |
| No of Leaflets distributed |  |  |
| (you can add any other indicators) |  |  |

Self-Assessment of Your Performance for this month. (Choose one)

(1) Very Satisfactory, (2) About Average, (3) Not Satisfactory

Reason: ……………………………………………………………………………………………………………………………………………………………………………………………………

**4. Major Indicators of Your Capacity Building**

|  |  |  |
| --- | --- | --- |
| **INDICATOR** | **Number** | **Contents/ Comments/ Remarks** |
| No. of Trainings attended |  |  |
| No. of Books / Materials read |  |  |
| No. of Visits to Lead Farmers |  |  |
| No. of Sessions with SMSs |  |  |
| No of Studies with colleagues |  |  |
| (you can add any other indicators) |  |  |

Self-Assessment of Your Capacity Building of this month. (Choose one)

(1) Very Improved/increased, (2) Fairly Improved (3) Not very much Changed

Reason: ……………………………………………………………………………………………………………………………………………………………………………………………………

|  |
| --- |
| **PLANNED ACTIVITIES** |

**June**

|  |  |  |
| --- | --- | --- |
| 1 | Wed | 　 |
| 2 | Thu | 　 |
| 3 | Fri | 　 |
| 4 | Sat | 　 |
| 5 | Sun | 　 |
| 6 | Mon | 　 |
| 7 | Tue | 　 |
| 8 | Wed | 　 |
| 9 | Thu | 　 |
| 10 | Fri | 　 |
| 11 | Sat | 　 |
| 12 | Sun | 　 |
| 13 | Mon | 　 |
| 14 | Tue |  |
| 15 | Wed |  |
| 16 | Thu |  |

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| --- |
| **ACTUAL** |

**June**

|  |  |  |
| --- | --- | --- |
| 1 | Wed | 　 |
| 2 | Thu | 　 |
| 3 | Fri | 　 |
| 4 | Sat | 　 |
| 5 | Sun | 　 |
| 6 | Mon | 　 |
| 7 | Tue | 　 |
| 8 | Wed | 　 |
| 9 | Thu | 　 |
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| 12 | Sun | 　 |
| 13 | Mon | 　 |
| 14 | Tue |  |
| 15 | Wed |  |
| 16 | Thu |  |

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| --- |
| **PLANNED ACTIVITIES** |

**June**

|  |  |  |
| --- | --- | --- |
| 17 | Fri | 　 |
| 18 | Sat | 　 |
| 19 | Sun | 　 |
| 20 | Mon | 　 |
| 21 | Tue | 　 |
| 22 | Wed | 　 |
| 23 | Thu | 　 |
| 24 | Fri | 　 |
| 25 | Sat | 　 |
| 26 | Sun | 　 |
| 27 | Mon | 　 |
| 28 | Tue |  |
| 29 | Wed |  |
| 30 | Thu |  |

|  |
| --- |
| **ACTUAL** |

**June**

|  |  |  |
| --- | --- | --- |
| 17 | Fri | 　 |
| 18 | Sat | 　 |
| 19 | Sun | 　 |
| 20 | Mon | 　 |
| 21 | Tue | 　 |
| 22 | Wed | 　 |
| 23 | Thu | 　 |
| 24 | Fri | 　 |
| 25 | Sat | 　 |
| 26 | Sun | 　 |
| 27 | Mon | 　 |
| 28 | Tue |  |
| 29 | Wed |  |
| 30 | Thu |  |

**SUMMARY FOR THIS MONTH’S ACTIVITIES**

**1. Utilization of Days**

|  |  |
| --- | --- |
| Number of Total Days for This Month | 31/ 30/ ( ) |
| Number of Days in the Field |  |
| Number of Days in the office (home) to work |  |
| Number of Days for resting  |  |
| Number of Days for other purposes |  |

**2. Group and Individual Farmers Met**

|  |  |  |  |
| --- | --- | --- | --- |
| **ZONE** | **Dates Visited (e.g.3,6,13,29)** | **Farmers met** | **Major Issues / Comments** |
| . |  | M | F |  |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
|  | TOTAL |  |  |  |

 **3. Major Indicators of Your Performance**

|  |  |  |
| --- | --- | --- |
| **INDICATOR** | **Number** | **No. of Attendance/ Comments/ Remarks** |
| No. of Meetings held |  |  |
| No. of Trainings held |  |  |
| No. of Field Days conducted |  |  |
| No. of Demonstrations conducted |  |  |
| No of Reports prepared |  |  |
| No of Leaflets distributed |  |  |
| (you can add any other indicators) |  |  |

Self-Assessment of Your Performance for this month. (Choose one)

(1) Very Satisfactory, (2) About Average, (3) Not Satisfactory

Reason: ……………………………………………………………………………………………………………………………………………………………………………………………………

**4. Major Indicators of Your Capacity Building**

|  |  |  |
| --- | --- | --- |
| **INDICATOR** | **Number** | **Contents/ Comments/ Remarks** |
| No. of Trainings attended |  |  |
| No. of Books / Materials read |  |  |
| No. of Visits to Lead Farmers |  |  |
| No. of Sessions with SMSs |  |  |
| No of Studies with colleagues |  |  |
| (you can add any other indicators) |  |  |

Self-Assessment of Your Capacity Building of this month. (Choose one)

(1) Very Improved/increased, (2) Fairly Improved (3) Not very much Changed

Reason: ……………………………………………………………………………………………………………………………………………………………………………………………………

**Ministry of Agriculture and Cooperatives**

**Department of Agriculture**

**MONTHLY CAMP REPORT**

**Name of Camp:**

**Name of Reporting Officer:**

**Reporting Period:**

**CAMP PROFILE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Zone** | **Number of Villages** | **Number of Households** | **Total Population** | **Number of** **farmers** | **Number of study groups** | **Commodities Studied** |
| 1 |  |  |  | **M** | **F** | **Total** |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |
| **Camp Total** |  |  |  |  |  |  |  |  |

**ACTIVITIES AND OUTPUTS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity | Objective | Location  | ActivityTarget | BeneficiaryTarget | ActivityActual | BeneficiaryActual | Remarks |
| M | F | Total | M | F | Total |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
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**Technology Adoption**

|  |  |
| --- | --- |
| Zone | TECHNOLOGIES/INNOVATION PRACTICED |
| **Production Practices** | **Post Harvest Practices** | **Farming As A Business Practices** |
| *Name of Practice(eg Herbicide use)* | *Name of Practice* | *Name of Practice* | *Name of Practice(eg improved storage bin* | *Name of Practice* | *Name of Practice* | *Name of Practice(eg contract farming)* | *Name of Practice* |
| ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Pests and Diseases Observed**

|  |  |  |
| --- | --- | --- |
| **Pest/Diseases Observed** | **Action Taken** | **Comment**  |
|  |  |  |
|  |  |  |

**Funding**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Budget Line**  | **Actual Budget** | **Yellow Book Budget** | **Amount received** | **Amount Spent** | **Comment**  |
| e.g Support to Camp and Block  |  |  |  |  |  |
| Other (describe) |  |  |  |  |  |

**Individual Capacity Building**

|  |  |  |  |
| --- | --- | --- | --- |
| **INDICATOR** | **NUMBER PLANNED** | **NUMBER ACHIEVED** | **Contents** |
| Trainings Attended |  |  |  |
| Booklets/Materials Read |  |  |  |
| Sessions with SMSs |  |  |  |
| Peer Learning Sessions Attended |  |  |  |

Self-Assessment of Your Capacity Building this Month (Please tick correct grading)

1. Very Improved/Increased (2) Fairly Improved (3) Same as Last Month

**General comments:**

**Ministry of Agriculture and Cooperatives**

**Department of Agriculture**

**MONTHLY BLOCK REPORT**

**Name of Block:**

**Name of Reporting Officer:**

**Reporting Period:**

**BLOCK PROFILE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Camp Name** | **Number of Villages** | **Number of Households** | **Total Population** | **Number of farmers** | **Number of****study groups** | **Commodities Studied** |
|  |  |  |  | **M** | **F** | **Total** |  |  |
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| **Camp Total** |  |  |  |  |  |  |  |  |

**ACTIVITIES AND OUTPUTS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | **Objective** | **Location**  | **Activity****Target** | **Beneficiary****Target** | **Activity****Actual** | **Beneficiary****Actual** | **Remarks** |
| M | F | T | M | F | T |  |
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**Technology Adoption**

|  |  |
| --- | --- |
| Camp Name | TECHNOLOGIES/INNOVATION PRACTICED |
| **Production Practices** | **Post Harvest Practices** | **Farming As A Business Practices** |
| *Name of Practice(eg Herbicide use)* | *Name of Practice* | *Name of Practice* | *Name of Practice(eg improved storage bin* | *Name of Practice* | *Name of Practice* | *Name of Practice(eg contract farming)* | *Name of Practice* |
| ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** | ***Farmers Practicing*** |
| **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** | **M** | **F** | **Total** |
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**Pests and Diseases Observed**

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| --- | --- | --- |
| **Pest/Diseases Observed** | **Action Taken** | **Comment**  |
|  |  |  |
|  |  |  |

**Funding**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Budget Line**  | **Actual Budget** | **Yellow Book Budget** | **Amount received** | **Amount Spent** | **Comment**  |
| e.g Support to Camp and Block  |  |  |  |  |  |
| Other (describe) |  |  |  |  |  |

**Individual Capacity Building**

|  |  |  |  |
| --- | --- | --- | --- |
| **INDICATOR** | **NUMBER PLANNED** | **NUMBER ACHIEVED** | **Contents** |
| Trainings Attended |  |  |  |
| Booklets/Materials Read |  |  |  |
| Sessions with SMSs |  |  |  |
| Peer Learning Sessions Attended |  |  |  |
|  |  |  |  |

Self-Assessment of Your Capacity Building this Month (Please tick correct grading)

1. Very Improved/Increased (2) Fairly Improved (3) Same as Last Month

**General comments:**



**FIELD REFERENCES FOR EXTENSION OFFICER**

**PEAS**

**Varieties:** Dark skin perfection, Green Feast

**Climate & Soil Requirements:** Temperature for optimum growth 10o to 18 oc. Light soils with good drainage

**Planting:** Plant 5cm deep from March to June in stations

**Spacing:** 90 x 5 cm

**Seed Rate:** 200 – 250 kg/ha – close spacing, 50 – 150 kg/ha – wider spacing

**Fertilizer:** Basal – 400 kg/ha, Top Dressing – 100 kg/ha (Amonium Nitrate) or 80kg/ha Urea

**Crop Protection**

|  |  |
| --- | --- |
| **Pest** | **Chemical** |
| Powdery Mildew | Follow nutrition, Destroy old crop residues |
| Weekniks, Aphids, Thrips | Destroy crop residue after harvest, Rotation |

**Harvest:** Harvest the green peas before the grains harden to avoid reduction in sweetness and flavour.

**Maturity**

|  |  |
| --- | --- |
| **Variety** | **Days to Maturity** |
| Dark Skin Perfection | 60 – 70 days |
| Green Feast | 65 – 70 days |

**Yields:** 6 – 9 tonnes/ha.

**CABBAGE**

**Varieties:** Main crop, Copenhagen Market, Brunswick ladu and Sugar loaf for cool dry season. RianaF1, Gloria F1, Constant F1 and KK cross for hot rainy season.

**Climatic and Soil Requirements:** All year round, preferably April to July.

**Planting and Seed Rate:** Sow seed in nursery.

**Spacing:** 40 – 60cm between rows; 30 - 50cm within rows.

**Fertilizer Requirements in kg/ha**

|  |  |  |
| --- | --- | --- |
| **Management level** | **Basal Dressing** | **Top Dressing** |
| Small Scale | D | 200 | A/N | Small Scale |
| Medium Scale | D | 400 | A/N | Medium Scale |

**Crop Protection**

|  |  |  |  |
| --- | --- | --- | --- |
| **Management level** | **Problem** | **Control** | **Dosage** |
| Small Scale | Diamond Back moth, aphids, serpentine Leaf Minor, Bagrada bugs | Fastac or Karate  | 1ml/lt water |
| Medium Scale | Same as above | Same as above | Same as above |

Bacterial Blackrot and soft rot : Plant resistant cultivars e.g., Riana, Improve drainage in field & Remove infected plants

**Harvesting:** The crop is ready for harvest after 3 to 4 months after transplanting

**Yield** 28 - 40 tonnes/ha.

**RAPE**

**Varieties:** CRRS V Prior, Giant Essex, NIRS 1, Samo,

**Seed rate:** 5.2 kg/ha

**Planting:** Drilling in furrows 1-2cm deep

**Spacing:** 45-60cm between rows and 50cm between plants

**Fertilizer Requirements in kg/ha**

|  |  |  |
| --- | --- | --- |
| **Management level** | **Basal Dressing and Borate** | **Top Dressing** |
| Small Scale | D or equivalent | 200  | Small Scale | D or equivalent |
| Medium Scale | D or equivalent | 400 | Medium Scale | D or equivalent |

**Crop Protection**

|  |  |  |
| --- | --- | --- |
| **Pest and Diseases** | **Control** | **Dosage** |
| Diamond Black moth, aphids, serpentine Leaf Minor, Bagrada bugs | Fastac or Karate | 1ml/lt water |
| Downy Mildew | Diconil or other fungicides | 2 – 5gms/lt water |
| Bacterial Blackrot and soft rot | - Use Plant resistant cultivars e.g., CRRS V, Prior, NRRS 1 and local rape- Improve drainage in field and remove infected plants |  |
| Turnip Mosaic Virus | - Control aphids – carriers- Resistant cultivars |  |

**Yield:** 20 tonnes/ha

**TOMATO**

**Varieties:** Roforto VFN, Red Khaki and Rossol VFN for hot dry season, Herald, Roma VF, Red Khaki for cool dry season, Roma VF, Herald, Monoprecos during rainy season.

**Planting:** Sow seed in nursery. Germination expected 5-8 days. Apply copperoxychloride or Dithane M45 to avoid diseases in rainy season

**Seed Rate:** 100g/ha when transplanted

**Spacing :** 90 - 120 cm x 30 - 50 cm

**Fertilizers:** 12 x 50 kg D / ha basal, 2 x 50 kg AN / ha top dress

All top dress applied as split dose i.e., at 2 weeks after transplanting and then 4 weeks after flowering

**Rotation:** Do not plant tomato on land that had eggplant, peppers, potatoes, tomato in last 2 years

**Crop Protection**

|  |  |  |
| --- | --- | --- |
| **Pests and Diseases** | **Chemical** | **Rate/ha** |
| Fruit borers | Fastac, Karate, or Cyrux | 1 ml / litre |
| Foliar diseases (Early and late blight) | Dithane M 45spray(preventative measure) | 25 g / 10litre |
| Redspider mites | Use acaricides e.g., Morocide or Tik tokIsolate crop from other crops infested with mites |  |

**Yield :** 24 - 48 tonnes / ha

**EGG PLANT**

**Varieties:** African Egg Plant White; African Egg Plant long; Aubergihe Black Beauty

**Climate and Soil requirements:** Optimum temperature 18 o to 21o C

**Planting :** August to November and February to April

**Seed Rate:** 500g seed/ha.

**Spacing :** 90 cm x 75 cm

**Fertilizer Application:** Basal: 100kg/ha , Top Dressing: 100 kg (AN)

**Crop Protection**

|  |  |  |
| --- | --- | --- |
| **Pests and Diseases** | **Chemical** | **Rate/ha** |
| Aphids | - Spray with Pirimicarb(pirimor) |  |
| Fruit Borers | - Spray with Fastac - Thiodan - Sevin Carbaryl  | 1 ml/lt15 ml/10lts25g/10lts |
| Red Spidernites | -isolate from other crops with infestation-Spray with recommended Acaricides ie (Dicofol) Tiktok  |  |

**Harvesting:** Days to maturity African egg plant 110 days and Aubergine Black Beauty 70 days.

**Yields:** Vegetables yield up to 4,000 kg/ha

**POTATOES**

**Varieties:** Baraka, Pentland dell, uptodate, Primpernel

**Climate and soils:** Light soils well drained soils. pH5.5 – 6.5.

**Seed Rate ad Spacing:** 20kgs of seed potato is required for 100m2.

**Planting and Fertiliser application:** Ridges spaced at 60cms. 6 - 10cm deep depending on the soil moisture. Well sprouted materials are used.

Apply 12.5 to 25t of compost or manure (20liters tins for every 8m). Apply basal dressing as a side landing without contact the tuber (30gms/m2 compound D) and cover the tubers and irrigate to facilitate sprouting the tubers. Top dressing of Ammonium nitrate at 10kg/m2 to be applied when plants are 20cm high.

**Earthing Up:** To keep the tubers covered by 25cm of soil is an important operation all the time.

**Crop Protection**

|  |  |
| --- | --- |
| **Pests and Diseases** | **Chemical** |
| Early and Late Blight | Dithane M45 and copper oxycloride |
| Tuber moth | Azodrin |
| Nematode | Fusaban |

Hoe weeding in the later growing season is not economical and moving in the field when the crop is very dense assists in spreading viruses. Use of resistant or tolerant varieties is recommended.

**Harvesting:** 90 to 120 days to reach maturity.

**Storage:** Short- term storage is possible by keeping the potato in a darkened room with cool light air.

**Yields :**20 to 40 tonnes/ha

**CARROTS**

**Varieties :** Cape market, Chantenay, Nantes, Fancy and Kuroda.

**Climatic and Soil requirements:** Cool season and performs best from March to July in well drained sandy loams.

**Seed Rate :** Carrot is directly sown into the field in not deeper than 0.5cm.

**Spacing :** Space at 30-45cm between rows and use 2 - 4 kg/ha of seed. Thin seedlings when 6-7cm high to allow for optimum growth.

**Fertilizer Requirement in kg/ha**

|  |  |  |
| --- | --- | --- |
| **Management level** | **Basal Dressing** | **Top Dressing** |
| Small Scale | D | 200 | A/N | - |
| Medium Scale | D | 400 | A/N | - |

**Crop Protection**

|  |  |  |
| --- | --- | --- |
| **Management level** | **Problem** | **Control** |
| Small | Nematodes | Cultural practices  |
| Medium | Leaf blight and Cercospora | Bravo and other fungicides |

**Harvesting:** Harvest after 100 days

**Yield:** The average yield is 28 - 40 tonnes/ha

**ONION**

**Varieties:** Texas Early Grano, Red Creole, Yellow Granex F1, Tropic Ace, Dessex F1, Pusa Red.

**Climatic and Soil Requirements:** March to October. (Cool season), in well drained fertile soils.

**Seed Rate:** Sow seed in nursery 500g / ha and transplant after 6-8 weeks.

**Spacing:** 25-50 cm x 5-7 cm

**Weed Control:** Keep field weed free at all times.

**Fertilizer Requirement in kg/ha**

|  |  |  |
| --- | --- | --- |
| **Management level** | **Basal Dressing** | **Top Dressing** |
| Small Scale | D | 200 | A/N | 50-100 |
| Medium Scale | D | 400 | A/N | 100-150 |

**Crop Protection**

|  |  |  |
| --- | --- | --- |
| **Problem** | **Control** | **Dosage** |
| Thrips | Endosulfan 50% WPMalathion 50% CE | 100 g/100 lts water |
| Purple Blotch  | Bravo and other fungicidesUse resistant varieties, reduce plant density  |   |

*Consult Product label*

**Harvesting:** Harvest when fully mature i.e., 75% leaf fall.

**Yield:** The average yield is 24 - 32 tonnes/ha

**OTHER USEFULL INFORMATION**

Fertilizers – The contents of NPKS and trace elements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Nutrients****Commodity** | **N****%** | **P2 O5****%** | **K2 O****%** | **Boron****%** | **Sulphur (Approx) %** |
| Mixture |  |  |  |  |  |
| A | 2 | 18 | 15 | 0.1 | 10 |
| C | 6 | 18 | 12 | 0.1 | 10 |
| V | 4 | 18 | 15 | 0.1 | 10 |
| R | 20 | 20 | - | - | 10 |
| X | 20 | 10 | 5 | - | 10 |
| D | 10 | 20 | 10 | - | 10 |
| Nitrogenous Fertilizer: | - | - | - | - | - |
| Ammonia Nitrate (A/N) | 34 | - | - | - | - |
| Sulphate of Ammonia (S/A) | 21 | - | - | - | - |
| Urea | 46 | - | - | - | 24 |
| Nitrate of Soda | 16 | - | - | - | - |
| Phosphate Fertilizer: | - | - | - | - | - |
| Single Super | - | - | - | - | - |
| Phosphate (S.S/P.) | - | 19 | - | - | - |
| Triple Super | - | - | - | - | - |
| Phosphate (T.S/P.) | - | 44 | - | - | - |
| Potash Fertilizer: | - | - | - | - | - |
| Potassium Chloride | - | - | 60 | - | -- |
| Potassium Sulphate | - | - | 50 | - | - |

Fertilizer is sold in 50kg pockets and Repacks. Liming is very necessary for highly acidic soils. Lime is sold in bulk or in 50kg bags.

**Equivalent rates of fertilizer application for hectares and m2**

The following Table is just a help when converting rates in Kg per hectares into grams or tablespoons per m2. All recommendations of fertilizer are given in kg per hectare, though some farmers only grow a very small area of some crops, vegetables for example.

|  |  |
| --- | --- |
| **Application per Hectare** | **Application per m2** |
| **Kg** | **Pockets****(50kg each)** | **Grams** | **Tablespoons** |
| **Level (15 grams each)** | **Level (15 grams each)** |
| 50 | 1 | 5 | 0.3 (1/3) | N/A |
| 100 | 2 | 10 | 0.7 (2/3) | N/A |
| 150 | 3 | 15 | 1.0 | N/A |
| 200 | 4 | 20 | 1.3 | N/A |
| 250 | 5 | 25 | 1.7 | N/A |
| 300 | 6 | 30 | 2.0 | 1.0 |
| 350 | 7 | 35 | 2.3 | 1.2 |
| 400 | 8 | 40 | 2.7 | 1.3 |
| 450 | 9 | 45 | 3.0 | 1.5 |
| 500 | 10 | 50 | 3.3 | 1.7 |
| 600 | 12 | 60 | 4.0 | 2.0 |
| 700 | 14 | 70 | 4.7 | 2.1 |
| 800 | 16 | 80 | 5.3 | 2.7 |
| 900 | 18 | 90 | 6.0 | 3.0 |
| 1000 | 20 | 100 | 6.7 | 3.3 |

**Nutrient Content for Manure**

The following figures can be used when manure is compared to fertilizer.

The nutrient content for manure varies much depending on age, litter contents etc, and loss of nitrogen may be substantial during storage.

|  |  |
| --- | --- |
| **Manure** | **Nutrient in Kilograms per tonne** |
| N | P2O5 | K2O |
| Poultry in Cages |  |  |  |
| Wet. 75% Water | 10 | 8 | 5 |
| Dry. 15% Water | 40 | 30 | 20 |
| Pigs |  |  |  |
| Solid | 6 | 4.6 | 4.4 |
| Cattle |  |  |  |
| Solid | 3 | 2 | 1.6 |

**Seed Variety**

|  |  |  |  |
| --- | --- | --- | --- |
| **MAIZE** | **MAIZE** | **MAIZE** | **MAIZE** |
| ZAMSEEDPool 16MMV 400GV 412MM 441GV 470GV 408MM 501MM 502MM 601MM 603MM 604GV 512GV 607GV 702GV 703GV 722MM 752GV 704GV 61 Yellow | PANNARPAN 6363 - ChipolopoloPAN 6549 - Mr. ReliablePAN 67 - African QueenPAN 6243 - in a class of its ownPAN 64PAN 6479PAN 87PAN 6573PAN 6777PAN 61PAN 6823PAN 14 - Yellow | SEEDCOSC 709SC 713SC 715SC 711SC 701SC 707SC 627SC 625SC 601SC 621SC 501SC 515SC 513SC 517SC 521SC 401SC 403SC 405SC 407SC 704 - YellowSC 706 - YellowSC 702 - YellowSC 704 - YellowSC 506 - YellowSC 206 - Yellow | MRIMRI 724MRI 744MRI 734MRI 651MRI 634MRI 624MRI 611MRI 614MRI 594MRI 514MRI 455Local MaizeHybridRecycled Hybrid MaizeOPV Maize |
| SORGHUM | SORGHUM | SUNFLOWER | SUNFLOWER |
| ZAMSEEDKUYUMASIMAZSV 15WP 13 | SEEDCOMACIA (OPV- White)NS5511 (Hybrid -Brown)Local SorghumHybrid SorghumRecycled Hybrid SorghumOPV Sorghum | ZAMSEEDMILIKARECORD | PANNARPAN 7369PAN 7353PAN 7351Local SunflowerHybrid SunflowerRecycled Hybrid SunflowerOPV Sunflower |
| GROUNDNUTS | GROUNDNUTS | SOYABEANS | SOYABEAN |
| ZAMSEEDCHIPEGOMGV - 4CHALIMBANA | SEEDCOFLAMINGONYANDALocal GroundnutsHybrid GroundnutsRecycled Hybrid G/NutsOPV Groundnuts | ZAMSEEDKELEYAMAGOYE | SEEDCOSTORMSOLITAIRESOPRANOSAFARILocal SoyabeanHybrid SoyabeanRecycled Hybrid SoyabeanOPV Soyabean |
| COWPEAS | TOBACCO | TOBACCO | COTTON |
| ZAMSEEDLUTEMBWEBUBEBELocal CowpeasHybrid CowpeasRecycled Hybrid C/peasOPV Cowpeas | BARLEYBunckettBO 1BO 2BO 3A 1A 2A 3 | VIRGINIAHGT26RK326T29 | F135ChurezaNgweziCDT 1 |
| ALL OTHER CROPS | SEED COMPANIES |  |  |
| LocalImproved | ZAMSEEDPANNARSEEDCOMRI |  |  |

**Address Book of Farmers/Lead Farmer and Farmer Groups**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Place**  | **Contact Number** | **Area / Issues** |
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**Address Book of Farmers/Lead Farmer and Farmer Groups**

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| --- | --- | --- | --- |
| **Name** | **Place**  | **Contact Number** | **Area / Issues** |
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**FAQ (Frequently Asked Questions)**

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| --- | --- | --- |
| **What is asked?** | **When / by who** | **Your Response** |
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**FAQ (Frequently Asked Questions)**

|  |  |  |
| --- | --- | --- |
| **What is asked?** | **When /by who** | **Your Response** |
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| **Extension Help Lines to answer for Your Queries… Yes, kindly and quickly!!*** Clarification of Extension methods
* Technical Questions
* Any concern about Extension Service
* Any other questions of Extension Service

Send SMS (Short Message) to your Senior Agricultural Officers or Provincial Agricultural Officers whose names and contact numbers are shown below. It is almost FREE service (After receiving your call or SMS, He/She will call you back quickly, or he/she will relay your question to other relevant officers who can help effectively)   *\* please state your name and camp/block/district for the first time.*  |

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| **List of Principal Agricultural Officers**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **PROVINCE** | **NAME** | **CONTACT NO** |
| 1 | NORTH WESTERN | Mr. A. Malumo | 0977886062 |
| 2 | CENTRAL | Ms. E.M.C Chuma | 0977764097 |
| 3 | LUSAKA | Mr. B.P Chulu | 0977406676 |
| 4 | NORTHERN | Mr. C.Kapalasha | 0979650515 |
| 5 | LUAPULA | Mr. E. Shingalili | 0977780749 |
| 6 | WESTERN | Mr. M.Mukungu | 0979403803 |
| 7 | SOUTHERN | Mr. S. Mukelebai | 0977478066 |
| 8 | EASTERN | Mr. P. Daka | 0977729755 |
| 9 | COPPERBELT | Mrs. J Moonga | 0955538939 |

**List of Senior Agricultural Officers** **District Province SAO Telephone** |  |  |
| 1 | Kaputa | NORTHERN | R. Hara  | 0977693208 |
| 2 | Mpulungu | NORTHERN | F. Mutale | 0977835290 |
| 3 | Mbala | NORTHERN | Mr.J.Mwanza | 0977853753 |
| 4 | Nakonde | NORTHERN | J Kombe | 0977226908 |
| 5 | Mporokoso | NORTHERN | R.Banda | 0979508648 |
| 6 | Mungwi | NORTHERN | M.Wamulume | 0976204219 |
| 7 | Isoka | NORTHERN | J.Musalo | 0977939861 |
| 8 | Chinsali | NORTHERN | Mr Mulenga | 0977582208 |
| 9 | Kasama | NORTHERN | L.Bwembya | 0977110865 |
| 10 | Luwingu | NORTHERN | C. Matengu | 0977931303 |
| 11 | Chilubi | NORTHERN | D .Chikunta | 0977858262 |
| 12 | Mpika | NORTHERN | M.Maipambe | 0977352715 |
| 13 | Chiengi | LUAPULA | Mr.Sempela | 0977299242 |
| 14 | Nchelenge | LUAPULA | K. Kunda | 0977688990 |
| 15 | Kawambwa | LUAPULA | S. Chipeta | 0977471250 |
| 16 | Mwense | LUAPULA | P.Bwalya | 0977199908 |
| 17 | Samfya | LUAPULA | A. Muimui | 0977834010 |
| 18 | Mansa | LUAPULA | H.Chibalamuna | 0977615090 |
| 19 | Milenge | LUAPULA | M.Wonani | 0977342437 |
| 20 | Mwinilunga | NORTH WESTERN | P. Mwansa | 09666024161 |
| 21 | Solwezi | NORTH WESTERN | F.Mwansa | 0977567131 |
| 22 | Kabompo | NORTH WESTERN | J.Phiri | 0966208700 |
| 23 | Kasempa | NORTH WESTERN | B. Nzima | 0977415306 |
| 24 | Mufumbwe | NORTH WESTERN | P.Chibwiza | 0977579914 |
| 25 | Zambezi | NORTH WESTERN | Mr. Kaiko | 0977415306 |
| 26 | Chavuma | NORTH WESTERN | S.Makechi | 0977921355 |
| 27 | Lukulu | WESTERN | S.Masenga | 0977305302 |
| 28 | Kaoma | WESTERN | Mr. Makayi | 0964323585 |
| 29 | Kalabo | WESTERN | D.Mulenga | 0979464443 |
| 30 | Mongu | WESTERN | K.Matauka | 0977256954 |
| 31 | Senanga | WESTERN | H.Kasamu | 0979230077 |
| 32 | Sesheke | WESTERN | R.Kabiti | 0975625364 |
| 33 | Shang'ombo | WESTERN | Mr . Muntanga | 0977706126 |
| 34 | Chongwe | LUSAKA | J.Lungu | 0977805594 |
| 35 | Luangwa | LUSAKA | E. Munthali | 0979973782 |
| 36 | Lusaka | LUSAKA | S.Banda | 0966432104 |
| 37 | Kafue | LUSAKA | D. Namayongo | 0977978888 |
| 38 | Serenje | CENTRAL | C.Masenga | 0977412000 |
| 39 | Mkushi | CENTRAL | Mr Mwenechanya | 0977793131 |
| 40 | Kapiri Mposhi | CENTRAL | K.Muchula | 0977749990 |
| 41 | Mumbwa | CENTRAL | D .Mwaba | 0977418738 |
| 42 | Kabwe | CENTRAL | L.Chikopela | 0979425850 |
| 43 | Chibombo | CENTRAL | S.Mwale | 274114 |
| 44 | Chililabombwe | COPPERBELT | N. Hachobi | 0966697171 |
| 45 | Chingola | COPPERBELT | S.Chilufya | 0977492827 |
| 46 | Mufulira | COPPERBELT | W.Chilembo | 0977224226 |
| 47 | Kalulushi | COPPERBELT | Mr .Kabokoto | 0977512389 |
| 48 | Kitwe | COPPERBELT | H.Zimba | 0977443462 |
| 49 | Ndola | COPPERBELT | O.M Ilunga | 0977253757 |
| 50 | Luanshya | COPPERBELT | M.Kasunga | 0955733700 |
| 51 | Masaiti | COPPERBELT | L.S Chewe | 0979760764 |
| 52 | Lufwanyama | COPPERBELT | W.Hanjabu | 0966676821 |
| 53 | Mpelembe | COPPERBELT | Vacant |   |
| 54 | Chama | EASTERN | F.Chikunta | 0977387347 |
| 55 | Lundazi | EASTERN | F.Mwansa | 0977632918 |
| 56 | Mambwe | EASTERN | H.Mukumoya | 0977318236 |
| 57 | Chipata | EASTERN | R.Masendo | 0979129205 |
| 58 | Petauke | EASTERN | F.Sinkala | 0955998337 |
| 59 | Katete | EASTERN | V.Siame | 0977967894 |
| 60 | Chadiza | EASTERN | V.Zulu | 0977252252 |
| 61 | Nyimba | EASTERN | C.Mpolomoka | 0977576500 |
| 62 | Itezhi-tezhi | SOUTHERN | S.Chisha | 0977639804 |
| 63 | Mazabuka | SOUTHERN | M. Mwanza | 0977321932 |
| 64 | Namwala | SOUTHERN | S.Muka | 0978937374 |
| 65 | Monze | SOUTHERN | P.Nyambe | 0976654445 |
| 66 | Siavonga | SOUTHERN | A.Mutinta  | 0979020683 |
| 67 | Kazungula | SOUTHERN | T.Kanga | 0977665832 |
| 68 | Choma | SOUTHERN | G.Chonye | 0978223898 |
| 69 | Kalomo | SOUTHERN | VACCANT |   |
| 70 | Gwembe | SOUTHERN | A.Sianjase | 0969861194 |
| 71 | Sinazongwe | SOUTHERN | J.Kembo | 0977659294 |
| 72 | Livingstone | SOUTHERN | T.Kanga | 0977665832 |

**MEMO**

**MEMO**

**MEMO**

**MEMO**

1 cm

2 cm

3 cm

4 cm

5 cm

6 cm

7 cm

8 cm

9 cm

10 cm

0 cm

11 cm

12 cm

13 cm

14 cm

15 cm

**Your Name:**

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