

## **Group 3- Fruit Crops (Pawpaw, Mango, Banana, Pineapple)**

### **Strengths:**

- 1) Easily Managed- weed control/harvesting
- 2) Good crop for aging farmers as well
- 3) Good adaptability- Tropical
- 4) Agro-inputs are available
- 5) Available processing facilities- Agrana
- 6) Self sufficient
- 7) Better taste/flavor
- 8) Good for health
- 9) Knowledgeable & Experienced farmers

### **Opportunities:**

- 1) Opportunity for organic farming
  - High value product
  - Tourist market
- 2) Value adding- Processing/ Puree/dried fruits
- 3) Export- Fresh/processed
- 4) Employment Generation- Rural/young/women
- 5) Develop/Establish commercial orchards

### **Constraints: (Ranked)**

- 1) Good Flat land not available for mechanization and commercial farming
- 2) Unpredictable weather
- 3) Seasonal crops
- 4) Poor quality, quantity and inconsistency in supply
- 5) Low and fluctuating market price- middlemen/transport
- 6) Price of agro inputs are high
- 7) No/Less market awareness
- 8) Low Extension: Farmer ratio
- 9) Lack of specialized Extension Officers
- 10) Lack of timely support services (Timeliness)- soil testing/Advise
- 11) Lack of knowledge of young and incoming farmers
- 12) Disease
- 13) Theft
- 14) Poor accessibility of funds- Loans, grants

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**Feed Back Template**

| <b>Constraints</b>                                                       | <b>Strategies</b>                                                                                                                                                                                                                                                                                     | <b>Who Leads</b>                    | <b>Timeline</b> |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------|
| 1) Good Flat land not available for mechanization and commercial farming | <ul style="list-style-type: none"> <li>- Government to facilitate leasing of land with landowning units- develop commercial orchards</li> <li>- Consultation with interested land owners</li> <li>- Encourage landowners to do farming</li> <li>- Infrastructural support (Drainage, road)</li> </ul> | FCLC with TLTB and Lands Department | 2yrs            |
| 2) Unpredictable weather                                                 | <ul style="list-style-type: none"> <li>- Zoning of commodities</li> <li>- Phase planting</li> <li>- Introduction of proven varieties</li> <li>- Construction of dams on drought proven areas</li> <li>- Dredging of rivers, canals and creeks</li> </ul>                                              | -MOA                                | 1-5yrs          |
| 3) Seasonal crops(Mango & pineapple)                                     | <ul style="list-style-type: none"> <li>- Introduction of all year fruiting variety</li> <li>- Installation of cold storage and processing facilities,</li> <li>- Techniques for prolonged shelf life-value adding</li> <li>- Innovation- Research on ways to</li> </ul>                               | -MOA                                | 1-2yrs          |

|                                                                    |                                                                                                                                                                                                                                                                                           |                                              |           |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------|
|                                                                    | produce off-season fruits                                                                                                                                                                                                                                                                 |                                              |           |
| 4) Poor quality, quantity and inconsistency in supply              | <ul style="list-style-type: none"> <li>- Better packages of practices</li> <li>- Organised planting program</li> <li>- Contract Agreement (Grower/Buyer)</li> <li>- Continuous awareness</li> <li>- Grading</li> <li>-</li> </ul>                                                         | -MOA, FCLC, Growers, Natures Way, Processors | 1yr       |
| 5) Low and fluctuating market price- middlemen/transport/treatment | <ul style="list-style-type: none"> <li>- Cluster farming (organized farming based on demand)</li> <li>- Forming farmer groups( Increasing bargaining power)</li> <li>- Review BAF, HTFA fees</li> <li>- Subsidies freight cost</li> </ul>                                                 | FCLC,MOA, BAF, Natures Way                   | 1yr       |
| 6) Price of agro inputs are high                                   | <ul style="list-style-type: none"> <li>- Government subsidy support</li> <li>- Farmer profiling/registration to identify right recipient farmers</li> <li>- Diversification- multicropping, mixed farming, Agro tourism</li> </ul>                                                        | MOA                                          | Immediate |
| 7) No/Less market awareness                                        | <ul style="list-style-type: none"> <li>- Market Intelligence</li> <li>- Mass media- flyers, publications, radio programs</li> <li>- Information on Agriculture Website</li> <li>- Awareness- Workshop</li> <li>- Establishment/development of market linkages- Agrana, export,</li> </ul> | MOA& FCLC                                    | Immediate |

|                                                          |                                                                                                                                                                                                                                                                       |                                     |      |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
|                                                          | tourism industry                                                                                                                                                                                                                                                      |                                     |      |
| 8) Low Extension staff: Farmer ratio                     | <ul style="list-style-type: none"> <li>- Establish contact points</li> <li>- Collaborate with partners-service providers</li> <li>- Introduce cluster farming- ease of access</li> </ul>                                                                              | FCLC &MOA                           | 1yr  |
| 9) Lack of specialized Extension Officers                | <ul style="list-style-type: none"> <li>- Capacity Building (Local &amp; overseas courses)</li> <li>- Subject Matter specialist (3-6 months courses)</li> <li>- Contractual agreement with retirees (short-medium term)</li> <li>- Hands on skills training</li> </ul> | MOA                                 | 1yr  |
| 10)Lack of timely support services-soil testing/Advisory | <ul style="list-style-type: none"> <li>- Decentralize services- eg. Soil test kit available in localities</li> <li>- Online query and correspondence</li> </ul>                                                                                                       | MOA                                 | 1yr  |
| 11)Lack of knowledge of young and incoming farmers       | <ul style="list-style-type: none"> <li>- Capacity building- technical/financial literacy/farm management</li> <li>- Hands on skills training</li> <li>- Mentoring Program- Farmer field school/ incubators</li> </ul>                                                 | MOA & FCLC & RBF & Fin. Institution | 2yrs |
| 12)Disease- Anthracnose affecting                        | <ul style="list-style-type: none"> <li>- Crop Research trials</li> </ul>                                                                                                                                                                                              | MOA                                 | 2yrs |

|                                               |                                                                                                          |                       |        |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|--------|
| production of seedlings                       | - Collaboration with other research Institute                                                            |                       |        |
| 13) Theft                                     | - Income generating projects for community<br>- Law Enforcement- severe penalties                        | MOA/Police Department | 1-2yrs |
| 14) Poor accessibility of funds- loans/grants | - Banks to review requirement<br>- Review interest rates for agriculture<br>- MOA to identify recipients | Banks & MOA           | 1-2yrs |