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| **Results Framework (RF) - Agriculture** | | | | | | | | | | | |
| **Sector Outcome** | **Results Indicators** | **Indicator Type** | **Unit of Measure** | **Baseline** | **Targets/ Achievements** | | | | | | **Lead Agency** |
|  | **2009** | **2010** | **2011** | **2012** | **2013** |
| 1.Commercial agriculture strengthened, enhancing food security and reducing reliance on imported food | 1.Development of decentralized agro-based value chains (P3S6) | Output | Number of partnerships established. | 0 (2008) | Target | 03[[1]](#footnote-2) | 05[[2]](#footnote-3) | 05 | 05 | 05 | MOFA |
| Ach. | 03 | 05 |  |  |  |
| Number of farmer groups that accessed business services. | 0 (2008) | Target | 05[[3]](#footnote-4) | 12 | 10 | 10 | 10 |
| Ach. | 05 | 12 |  |  |  |
| Number of farmer groups operating agri-businesses | N.kendhikulhudhoo (2008) | Target | 0 | 01[[4]](#footnote-5) | 08[[5]](#footnote-6) | 10 | 10 |
| Ach. | 0 | 01 | 02 |  |  |
| 2.Households benefited from commercialization programs (P1S2) | Outcome | Number of registered farmers | 0 (no data available) | Target | No available | 3,995 | 4,805 | 6,000 | 6,500 | MOFA |
| Ach. | No data system  available | 3,995 | 5,200 |  |  |
| 3.Progression of farmers from marginal to commercial level (P1S6) | Impact | Loans / subsidies | 178 loans | Target | 315 | 0 | 5,200 input subsidies | 6,000 | 6,500 | MOFA / MED |
| Ach. | 315 | 0 |  |  |  |
| 4. Foreign, private, public investments in the sector (P7S1) | Outcome | Number of leased agriculture islands | 25 | Target | 01 | 03 | 02 | 02 | 02 | MOFA |
| Ach. | 01 | 03 |  |  |  |
| 5.Reduce in reliance on crops  that has the potential to grow locally (P1S1) | Impact | Number of crops traded in Male’ Market | 9.3 million Kgs | Target | 9.5 million Kgs | 9.8 million | 10 million | 10.2 million | 10.4 million | MOFA |
| Ach. | 9.6 million Kgs | 9.8 million Kgs |  |  |  |
| Number of farms | Introduction of poultry |  | Target | 0 | 2 | 5 | 10 | 15 | MOFA |
| Ach. | 0 | 2 |  |  |  |
| 6.Gender participation in agriculture sector (P1S2) | Outcome | Number of women focused programs / trainings | 0 | Target | 5[[6]](#footnote-7) | 10[[7]](#footnote-8) | 10 | 10 | 10 | MOFA |
| Ach. | 5 | 10 |  |  |  |
| 2. Sustainable farming in all regions through increased availability of agricultural inputs and environment friendly technology | 1.Climate smart crop protection mechanism established in the country (P2S3) | Output | Introduction of Bio-control agents/ environment friendly devices | ongoing Hispid beetle bio-control rearing program was there since 2003 @ Sunisland resort (1) | Target | 1[[8]](#footnote-9) | 3[[9]](#footnote-10) | 4[[10]](#footnote-11) | 4 | 4 | MOFA |
| Ach. | 1 | 3 |  |  |  |
| 2.Localized access to agriculture inputs (P2S2) | Outcome | Number of outlets in the islands | 0 | Target | 1 | 1 | 5 | 5 | 5 | MOFA |
| Ach. | 0 | 1 [[11]](#footnote-12) |  |  |  |
| 3.Climate smart agricultural production systems using local resources (land , water and inputs) (P2S1) | Outcome | Number of Training | 0 | Target | 4 | 2 | 4 | 3 | 3 | MOFA |
| Ach. | 4 | 2 |  |  |  |
| Availability of bio pesticides / Liters | 142ltr | Target | 19.5 | 139.5 | 120 | 120 | 120 | MOFA |
| Ach. | 19.5 | 139.5 | 171 till March |  |  |
| 3.Physical infrastructure and networking channels developed for strengthened trade and marketing of agriculture produce | 1.A market information system facilitating flow of information and market related information established (P3S8) | Output | Event | (2008) 0 | Target | NA | Agri. information kiosk at nursery | Information Kiosk established | Kiosk operating | Kiosk operating | MOFA |
| Ach. | 0 | Infrastructure completed for information kiosk at nursery |  |  |  |
| 2.Harbor, jetties and transportation network and warehousing established to improve market distribution (P3S1) | Outcome | Number of markets/No of warehouses | 2 | Target | NA | NA | 1 | 1 | 1 | MOFA/  MHTE |
| Ach. | 1 | 2 | 1 | 1 | 1 |
| 3.Improved quality of cold chains and warehousing , accessible to poor and vulnerable[[12]](#footnote-13) groups (P3S2) | Outcome | Number of cold storage system (**No. to be setup annually?)** | 0 | Target | 0 | 0 | 1 | 1 | 1 | MOFA / MED |
| Ach. | 0 | 0 |  |  |  |
| 4. Improved facilities for value addition of agricultural crops (P3S4)  - targeted support to women farmers for increased capacity for value addition in crops | Impact | Event | 0 | Target | Virgin Coconut Oil (VCO) Project ,VCO – 1st phase in Hdh. 2nd phase in Ga. And Gdh. Atoll | Implementation of VCO outreach facility in 6 islands and South VCO processing plant in GDH.Gadhoo | Implementation of VCO outreach facility in 6 islands and South VCO processing plant in GDH.Gan | Based on the output of 2011 project, to continue | NA | MOFA |
| Ach. | Visited 7 islands[[13]](#footnote-14) | Outreach programme initiated in 3 islands and Construction of South VCO processing plant started in GDH.GAN |  |  |  |
| Event - Introduce processing/packaging in selected islands through small grants and technical assistance | (2008) VCO Processing plant in Hanimadhoo in operation | Target | Value addition training (2)[[14]](#footnote-15), | 1 women’s cooperative society to be established in Veymandoo. Expansion and lease of 1[[15]](#footnote-16) island for value addition; | VCO South factory to be established; | NA | NA |
| Ach. | Value addition training (2)[[16]](#footnote-17) | Completed |  |  |  |
| 5. Strengthened farmers institutions (farmer’s association & other NGO’s) (P3S5) | Outcome | Event: training and information sessions | 0 | Target | 0 | 0 | 3 sessions | 3 sessions | 3 sessions | MOFA |
| Ach. | 0 | 0 |  |  |  |
| 6. Increased market outlets for local products  (P1S7) | Event | Number of markets | 03 | Target | 0 | 0 | 02 | 02 | 02 | MoFA/ Councils/ MHTE |
| Ach. | 0 | 0 |  |  |  |
| 7. Established training institutions (P1S5) (P5S1) | Output | Number | Hanimadhoo Agriculture Centre (HAC) and Mendhoo Agriculture Centre (MAC) | Target | 0 | L. MAC relocation to L.Gan to be proposed | L. MAC relocation to L.Gan started | NA | NA | MOFA |
| Ach. | 0 | L. MAC relocation to L.Gan proposed |  |  |  |
| 4.Institutional capacity strengthened to support growth of agriculture sector | 1.Improved knowledge and skills (farming and entrepreneurship) of communities, women and men (P5S7) | Impact | Number of trainees | 772 | Target | 4,012 | 475 | 1,000 | 1,000 | 1,000 | MOFA |
| Ach. | 4,012 | 475 | 1,000 |  |  |
| 2.Increased agricultural services (training, research, extension, diagnostic, veterinary, standards and procedures) (P5S2) (P5S5) (P5S6) | Output | Event | Veterinary Inspection services at PQU | Target | Establishment of Veterinary Lab at PQU | Strengthened Veterinary Laboratory services at PQU | Establishment of Vet Clinic at Male Nursery  2.VeterinaryDiagnosetic service at PQU | NA | NA | MOFA |
| Ach. | Completed | Strengthened Veterinary Laboratory services at PQU[[17]](#footnote-18) |  |  |  |
| Output | Number of supply of Agricultural inputs / Number of plants | **8468** | Target | 3431 | 4500 | 5000 | 5000 | 5000 | MOFA |
| Ach. | 3431 | 4500 |  |  |  |
| Event - Plant and animal Quarantine Unit services | 16 Shipments were quarantined | Target | Services provided | Services provided | Services provided | Services provided | Services provided |  |
| Ach. | Services provided; 15 shipments quarantined | Services provided; 15 shipments quarantined | Services provided |  |  |
|  | 3. Framework for effective coordination and mapping for knowledge management and sharing developed (P5S4) (P5S8) (P5S9) | Output | Event | 0 | Target | 0 | 0 | Discussions initiated with key stakeholders | Enhanced knowledge sharing and management through a web portal | Web portal operational | MOFA / PROVINCE OFFICES |
| Ach. | 0 | 0 | Understanding reached between key stakeholders |  |  |
| 5.Legal framework strengthened to regulate use of agriculture natural resources and develop services related to agriculture development | 1. Laws, regulations, standards and procedures strengthened to create conducive environment for sustainable agriculture and forestry development. (P6S1) (P6S2) | Output | Event | Uninhabited islands law + regulations  - | Target | Agriculture Land Use bill | Draft Pesticides legislation; National plant protection bill; Draft Animal import regulations | Agriculture land use bill, Pesticides legislation , National plant protection bill; animal import regulations to be passed and ratified | Implement all laws and regulations | Implement all laws and regulations | MOFA |
| Ach. | Agriculture Land Use bill completed | Pesticides legislation drafted, National Plant Protection Bill completed; Animal import regulations drafted | . |  |  |

**Lead Agency:**

Agriculture Division / Ministry of Fisheries and Agriculture,

Steering Committee:

* MoFA,
* UNDP,
* MoED,
* MHTE,
* MNDF,
* MoHF

**Impact Indicators:**

1. Reduced dependence on imports and improved national food security.
2. A trained and well informed agricultural co-operatives society’ will form the backbone of the commercial farming sector in Maldives.
3. Developed marketing channels will support increased production of local produce to minimize import.

1. Ha.Filadhoo(1), Ha.Baarah (1) and Foamulah (1) [↑](#footnote-ref-2)
2. Ha.Baarah(1), Th.Veymandoo (2), S.Meedhoo (1), kon’dey (1) [↑](#footnote-ref-3)
3. Ha.Baarah(1), Th.Veymandoo (2), S.Meedhoo (1), kon’dey (1) [↑](#footnote-ref-4)
4. S.Meedhoo Cooperative Society [↑](#footnote-ref-5)
5. Ha.Baarah, Ha.Filadhoo, Th.Veymandoo, Gdh. Gadhoo, L.Isdhoo, L.IsdhooKalhaidhoo [↑](#footnote-ref-6)
6. **2009**; Auto-pots 3 projects in 3 islands. Value addition to agriculture products training in 2 islands focused for women and youth. [↑](#footnote-ref-7)
7. **2010;** Auto-pot 2 projects in 2 islands. 2 poultry projects in 2 islands. Business management and Entrepreneurship skills training with emphasis on farming and agriculture in 6 islands [↑](#footnote-ref-8)
8. Relocate Sun island Hispid beetle bio-control Lab to Maamigili(1) [↑](#footnote-ref-9)
9. 1.hispid beetle2.Bacular Virus for Rhinoceros3. Release of Papaya Mealy bug Parasitoids4.Ultrasonic device for Bat control [↑](#footnote-ref-10)
10. 1.hispid beetle, 2.Bacular Virus for Rhinoceros, 3.introducing of IPM program, 4. Release of biocontrol agents [↑](#footnote-ref-11)
11. Hulhumeedhoo. [↑](#footnote-ref-12)
12. Vulnerable groups are defined as women especially single women, income poor and people of remote atolls [↑](#footnote-ref-13)
13. Gdh. Gadhoo, Gdh. Vaadhoo, Ga. Ko’ndey, Ga. Nilandhoo, Ha. Filadhoo, Hdh. Finey, Hdh. Nolhivaran [↑](#footnote-ref-14)
14. Foamulah and Th.Veymandoo [↑](#footnote-ref-15)
15. N.minavaru – leased for value addition Processing works [↑](#footnote-ref-16)
16. Foamulah and Th.Veymandoo [↑](#footnote-ref-17)
17. More equipments and two permanent staff assigned [↑](#footnote-ref-18)