

# PMR Public Report

|                             |                                  |   |          |
|-----------------------------|----------------------------------|---|----------|
| <b>Operation Number</b>     | SU-L1020                         | <b>Chief of Operations Validation Date</b>    | 10/20/21 |
| <b>Year- PMR Cycle</b>      | First period Jan-Jun 2021        | <b>Division Chief Validation Date</b>         |          |
| <b>Last Update</b>          | 10/15/21                         | <b>Country Representative Validation Date</b> |          |
| <b>PMR Validation Stage</b> | Validated by Chief of Operations |   |          |

## Basic Data

### Operation Profile

|                           |   |   |   |
|---------------------------|---|---|---|
| <b>Operation Name</b>     | Agricultural Competitiveness Program                      | <b>Loan Number</b>                      | 4097/OC-SU  |
| <b>Executing Agency</b>   | MINISTRY OF AGRICULTURE HUSBANDRY, FISHERIES AND FORESTRY | <b>Sector/Subsector</b>                 | AGRICULTURE AND RURAL DEVELOPMENT-AGRICULTURAL HEALTH AND FOOD SAFETY |
| <b>Team Leader</b>        | COLLINS, MICHAEL I.                                       | <b>Overall Stage</b>                    | Disbursing (From eligibility until all the Operations are closed)     |
| <b>Operation Type</b>     | Loan Operation  | <b>Country</b>                          | Suriname  |
| <b>Lending Instrument</b> | Investment Loan   | <b>Convergence related Operation(s)</b> |   |
| <b>Borrower</b>           | REPUBLIC OF SURINAME                                      |   |   |

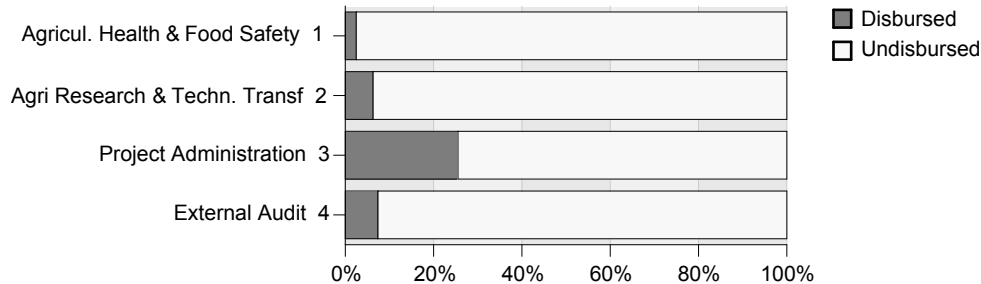
## Environmental and Social Safeguards

|   |   |  |    |
|---|---|--|----|
| <b>Impacts Category</b>                         | B | <b>Was/Were the objective(s) of this operation reformulated?</b> | NO |
| <b>Safeguard Performance Rating</b>             |   | <b>Date of approval</b>  |    |
| <b>Safeguard Performance Rating - Rationale</b> |   |  |    |

## Financial Data

| Item              | Total Cost and Source |                   |                   |                        |                     | Available Funds (US\$) |                      |               |                    |
|-------------------|-----------------------|-------------------|-------------------|------------------------|---------------------|------------------------|----------------------|---------------|--------------------|
|                   | Original IDB          | Current IDB       | Local Counterpart | Co-Financing / Country | Total Original Cost | Current IDB            | Disb. Amount to Date | % Disb        | Undisbursed Amount |
| SU-L1020          | 17,500,000            | 17,500,000        | 0                 | 0                      | 17,500,000          | 17,500,000             | 2,150,000            | 12.29%        | 15,350,000         |
| <b>Aggregated</b> | <b>17,500,000</b>     | <b>17,500,000</b> | <b>0</b>          | <b>0</b>               | <b>17,500,000</b>   | <b>17,500,000</b>      | <b>2,150,000</b>     | <b>12.29%</b> | <b>15,350,000</b>  |

## Expense Categories by Loan Contract (cumulative values)



## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 0:** Increase in agricultural revenue

**Observation:**

|     | Indicator  | Unit of Measure | Baseline  | Baseline Year | Expected Year of Achievement |   | Target    |
|-----|--|-----------------|-----------|---------------|------------------------------|---|-----------|
| 0.0 | Value of production per hectare of open field vegetables | SRD             | 69,336.00 | 2014          | 2022                         | P | 77,906.00 |
|     |  |                 |           |               |                              | A |           |

#### Details

**Means of verification:** Impact evaluation and LVV reports.

|  |    |                      |    |
|--|----|----------------------|----|
| <b>Pro-Gender</b>  | No | <b>Pro-Ethnicity</b> | No |
| <p>The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)</p> |    |                      |    |

## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 1:** Increase in agricultural productivity

**Observation:**

|     | Indicator                | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target |
|-----|--------------------------|-----------------|----------|---------------|------------------------------|---|--------|
| 1.0 | Yields of long yard bean | tons/ha         | 14.00    | 2014          | 2022                         | P | 16.10  |
|     |                          |                 |          |               |                              | A |        |

#### Details

**Means of verification:** Impact evaluation and LVV reports.

**Pro-Gender** No **Pro-Ethnicity** No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
inConvergence (CO)

|     | Indicator         | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target |
|-----|-------------------|-----------------|----------|---------------|------------------------------|---|--------|
| 1.1 | Yields of oranges | Tons/ha         | 13.20    | 2014          | 2022                         | P | 15.20  |
|     |                   |                 |          |               |                              | A |        |

#### Details

**Means of verification:** Impact evaluation and LVV reports.

**Pro-Gender** No **Pro-Ethnicity** No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
inConvergence (CO)

|     | Indicator              | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target |
|-----|------------------------|-----------------|----------|---------------|------------------------------|---|--------|
| 1.2 | Yields of passionfruit | Tons/ha         | 15.40    | 2014          | 2022                         | P | 17.70  |
|     |                        |                 |          |               |                              | A |        |

#### Details

**Means of verification:** Impact evaluation and LVV reports.

## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

|   |    |               |    |
|---|----|---------------|----|
| Pro-Gender  | No | Pro-Ethnicity | No |
| The General Development<br>bjective indicator target is<br>expected tobe observed by<br>the operation's "Fully<br>Justified" date<br>inConvergence (CO) |    |               |    |

|     | Indicator      | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target |
|-----|----------------|-----------------|----------|---------------|------------------------------|---|--------|
| 1.3 | Yields of rice | Tons/ha         | 4.40     | 2014          | 2022                         | P | 4.60   |
|     |                |                 |          |               |                              | A |        |

#### Details

**Means of verification:** Impact evaluation and LVV reports.

|   |    |               |    |
|---|----|---------------|----|
| Pro-Gender  | No | Pro-Ethnicity | No |
| The General Development<br>bjective indicator target is<br>expected tobe observed by<br>the operation's "Fully<br>Justified" date<br>inConvergence (CO) |    |               |    |

|     | Indicator                          | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target |
|-----|------------------------------------|-----------------|----------|---------------|------------------------------|---|--------|
| 1.4 | Average weight of slaughtered pigs | Kgs             | 71.50    | 2014          | 2022                         | P | 78.70  |
|     |                                    |                 |          |               |                              | A |        |

#### Details

**Means of verification:** Impact evaluation and LVV reports.

|   |    |               |    |
|---|----|---------------|----|
| Pro-Gender  | No | Pro-Ethnicity | No |
| The General Development<br>bjective indicator target is<br>expected tobe observed by<br>the operation's "Fully<br>Justified" date<br>inConvergence (CO) |    |               |    |

## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 2:** Increase in agricultural exports

**Observation:**

|     | Indicator                | Unit of Measure | Baseline   | Baseline Year | Expected Year of Achievement |   | Target     |
|-----|--------------------------|-----------------|------------|---------------|------------------------------|---|------------|
| 2.0 | Quantity of rice exports | Tons            | 103,755.00 | 2014          | 2022                         | P | 114,131.00 |
|     |                          |                 |            |               |                              | A |            |

#### Details

**Means of verification:** LVV reports (Agricultural Statistics).

**Pro-Gender** No **Pro-Ethnicity** No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
in Convergence (CO)

|     | Indicator                  | Unit of Measure | Baseline  | Baseline Year | Expected Year of Achievement |   | Target    |
|-----|----------------------------|-----------------|-----------|---------------|------------------------------|---|-----------|
| 2.1 | Quantity of banana exports | Tons            | 75,261.00 | 2014          | 2022                         | P | 82,787.00 |
|     |                            |                 |           |               |                              | A |           |

#### Details

**Means of verification:** LVV reports (Agricultural Statistics).

**Pro-Gender** No **Pro-Ethnicity** No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
in Convergence (CO)

|     | Indicator                     | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target   |
|-----|-------------------------------|-----------------|----------|---------------|------------------------------|---|----------|
| 2.2 | Quantity of vegetable exports | Tons            | 4,746.00 | 2014          | 2022                         | P | 5,221.00 |
|     |                               |                 |          |               |                              | A |          |

#### Details

**Means of verification:** LVV reports (Agricultural Statistics).

## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

|   |    |               |    |
|---|----|---------------|----|
| Pro-Gender  | No | Pro-Ethnicity | No |
| The General Development<br>bjective indicator target is<br>expected to be observed by<br>the operation's "Fully<br>Justified" date<br>in Convergence (CO) |    |               |    |

General Development Objectives Nbr. 3: Increase in competitiveness

Observation:

|     | Indicator  | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement |   | Target |
|-----|--|-----------------|----------|---------------|------------------------------|---|--------|
| 3.0 | Position in the International Trade Centre's General Index Ranking of Export Performance in fresh food | Rank            | 98.00    | 2013          | 2022                         | P | 65.00  |
|     |  |                 |          |               |                              | A |        |

#### Details

Means of verification: Report of International Trade Centre

|   |    |               |    |
|---|----|---------------|----|
| Pro-Gender  | No | Pro-Ethnicity | No |
| The General Development<br>bjective indicator target is<br>expected to be observed by<br>the operation's "Fully<br>Justified" date<br>in Convergence (CO) |    |               |    |

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### RESULTS MATRIX

#### Specific Development Objectives

Specific Development Objectives Nbr. 0: Improved use of natural capital

Observation:

| Indicator  |   | Unit of Measure   | Baseline | Baseline Year |   | 2022      | EOP 2022  |
|--|---|-------------------|----------|---------------|---|-----------|-----------|
| 0.0  | Number of beneficiaries of improved management and sustainable use of natural capital | Beneficiaries (#) | 0.00     | 2016          | P | 15,370.00 | 15,370.00 |
|  |   |                   |          |               | A |           |           |
| Details  |   |                   |          |               |   |           |           |
| Means of verification: Records of beneficiaries of LVV services. Ex post evaluation. |   |                   |          |               |   |           |           |
| Pro-Gender   | No  | Pro-Ethnicity     |          | No            |   |           |           |
|  | Female  |                   |          |               | P | 3,074.00  | 3,074.00  |
|  |   |                   |          |               | A |           |           |
|  | Male  |                   |          |               | P | 12,296.00 | 12,296.00 |
|  |   |                   |          |               | A |           |           |

Specific Development Objectives Nbr. 1: Increase in export ability

Observation:

| Indicator                        |                            | Unit of Measure | Baseline      | Baseline Year |    | 2022  | EOP 2022 |
|----------------------------------|----------------------------|-----------------|---------------|---------------|----|-------|----------|
| 1.0                              | Number of exporting firms. | Firms           | 9.00          | 2016          | P  | 15.00 | 15.00    |
|                                  |                            |                 |               |               | A  |       |          |
| Details                          |                            |                 |               |               |    |       |          |
| Means of verification: LVV data. |                            |                 |               |               |    |       |          |
| Pro-Gender                       |                            | No              | Pro-Ethnicity |               | No |       |          |

Specific Development Objectives Nbr. 2: Improved provision of plant health services

Observation:

| Indicator  |  | Unit of Measure | Baseline      | Baseline Year |    | 2022 | EOP 2022 |
|--|--|-----------------|---------------|---------------|----|------|----------|
| 2.0  | Percentage of annual notifications of exported crops due to noncompliance with plant health requirements | %               | 7.00          | 2014          | P  | 3.50 | 3.50     |
|  |  |                 |               |               | A  |      |          |
| Details  |  |                 |               |               |    |      |          |
| Means of verification: Europhyt database and data provided by the Netherlands Food and Consumer Product Safety Authority (NVWA). |  |                 |               |               |    |      |          |
| Pro-Gender   |  | No              | Pro-Ethnicity |               | No |      |          |
| Indicator  |  | Unit of         | Baseline      | Baseline      |    | 2022 | EOP 2022 |

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### RESULTS MATRIX

#### Specific Development Objectives

|     |   | Measure |       | Year |   |       |       |
|-----|---|---------|-------|------|---|-------|-------|
| 2.1 | Average score PVS (Performance Vision and Strategy) developed by IICA | %       | 28.60 | 2013 | P | 43.20 | 43.20 |
|     |   |         |       |      | A |       |       |

#### Details

**Means of verification:** IICA independent evaluation

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

| Indicator | Unit of Measure   | Baseline | Baseline Year |      | 2022 | EOP 2022 |
|-----------|---|----------|---------------|------|------|----------|
| 2.2       | Achievement of Area of Low Pest Prevalence (ALPP) of Carambola Fruit Fly in orange producing area | ALPP     | 0.00          | 2016 | P    | 1.00     |
|           |   |          |               |      | A    |          |

#### Details

**Means of verification:** LVV Fruit Fly report.

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

| Indicator | Unit of Measure  | Baseline | Baseline Year |      | 2022 | EOP 2022 |
|-----------|--|----------|---------------|------|------|----------|
| 2.3       | Masters of Science (MSc) degrees obtained by Plant Health Services employees | degrees  | 0.00          | 2016 | P    | 6.00     |
|           |  |          |               |      | A    |          |

#### Details

**Means of verification:** MSc Diplomas

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

|  |       |  |  |  |   |      |      |
|--|-------|--|--|--|---|------|------|
|  | Women |  |  |  | P | 2.00 | 2.00 |
|  |       |  |  |  | A |      |      |
|  | Men   |  |  |  | P | 4.00 | 4.00 |
|  |       |  |  |  | A |      |      |

**Specific Development Objectives Nbr. 3:** Improved provision of animal health services

**Observation:**

| Indicator | Unit of Measure                    | Baseline | Baseline Year |      | 2022 | EOP 2022 |
|-----------|------------------------------------|----------|---------------|------|------|----------|
| 3.0       | Average score PVS developed by OIE | Score    | 1.72          | 2012 | P    | 2.75     |
|           |                                    |          |               |      | A    |          |

#### Details



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### RESULTS MATRIX

#### Specific Development Objectives

**Means of verification:** OIE PVS evaluation.

**Pro-Gender** No **Pro-Ethnicity** No

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2022 | EOP 2022 |
|-----------|---|-----------------|----------|---------------|---|------|----------|
| 3.1       | OIE Disease Free Status recognition for 3 diseases achieved | Recognitions    | 0.00     | 2016          | P | 3.00 | 3.00     |
|           |   |                 |          |               | A |      |          |

#### Details

**Means of verification:** OIE Certificate

**Pro-Gender** No **Pro-Ethnicity** No

| Indicator |  | Unit of Measure   | Baseline | Baseline Year |   | 2022 | EOP 2022 |
|-----------|--|-------------------|----------|---------------|---|------|----------|
| 3.2       | Self-Declaration to OIE of Disease Free for Tuberculosis and Brucellosis | Self declarations | 0.00     | 2016          | P | 2.00 | 2.00     |
|           |  |                   |          |               | A |      |          |

#### Details

**Means of verification:** OIE website

**Pro-Gender** No **Pro-Ethnicity** No

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2022 | EOP 2022 |
|-----------|---|-----------------|----------|---------------|---|------|----------|
| 3.3       | Accreditation of the Animal Health Laboratory (ISO 17025) | lab             | 0.00     | 2016          | P | 1.00 | 1.00     |
|           |   |                 |          |               | A |      |          |

#### Details

**Means of verification:** ISO Accreditation certificate

**Pro-Gender** No **Pro-Ethnicity** No

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2022 | EOP 2022 |
|-----------|---|-----------------|----------|---------------|---|------|----------|
| 3.4       | Online Master's degrees obtained by Head of Units | diplomas        | 0.00     | 2016          | P | 4.00 | 4.00     |
|           |   |                 |          |               | A |      |          |

#### Details

**Means of verification:** Diplomas

**Pro-Gender** No **Pro-Ethnicity** No

|  |       |  |  |  |   |      |      |
|--|-------|--|--|--|---|------|------|
|  | Women |  |  |  | P | 1.00 | 1.00 |
|--|-------|--|--|--|---|------|------|

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### RESULTS MATRIX

#### Specific Development Objectives

|  |       |  |  |  |   |      |      |
|--|-------|--|--|--|---|------|------|
|  | Women |  |  |  | A |      |      |
|  | Men   |  |  |  | P | 3.00 | 3.00 |
|  |       |  |  |  | A |      |      |

**Specific Development Objectives Nbr. 4:** Improved provision of food safety services

**Observation:**

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2022  | EOP 2022 |
|-----------|---|-----------------|----------|---------------|---|-------|----------|
| 4.0       | Percentage of annual rejections of exported food products to the Netherlands due to noncompliance with Maximum Residue Levels (MRL) | %               | 20.00    | 2014          | P | 10.00 | 10.00    |
|           |   |                 |          |               | A |       |          |

#### Details

**Means of verification:** Independent final evaluation

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

| Indicator |  | Unit of Measure | Baseline | Baseline Year |   | 2022   | EOP 2022 |
|-----------|--|-----------------|----------|---------------|---|--------|----------|
| 4.1       | Number of farmers adopting Good Agricultural Practices (GAP) (male headed/female headed) | Farmers         | 0.00     | 2016          | P | 275.00 | 275.00   |
|           |  |                 |          |               | A |        |          |

#### Details

**Means of verification:** LVV reports

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

|  |                          |  |  |  |   |        |        |
|--|--------------------------|--|--|--|---|--------|--------|
|  | Female head of household |  |  |  | P | 75.00  | 75.00  |
|  |                          |  |  |  | A |        |        |
|  | Male head of household   |  |  |  | P | 200.00 | 200.00 |
|  |                          |  |  |  | A |        |        |

| Indicator |   | Unit of Measure | Baseline | Baseline Year |   | 2022  | EOP 2022 |
|-----------|---|-----------------|----------|---------------|---|-------|----------|
| 4.2       | Number of primary processors approved by LVV for their compliance with the Hygiene Code | Processors      | 0.00     | 2016          | P | 84.00 | 84.00    |
|           |   |                 |          |               | A |       |          |

#### Details

**Means of verification:** LVV reports

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

| Indicator | Unit of | Baseline | Baseline |  | 2022 | EOP 2022 |
|-----------|---------|----------|----------|--|------|----------|
|-----------|---------|----------|----------|--|------|----------|

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### RESULTS MATRIX

#### Specific Development Objectives

|   |   | Measure         |          | Year          |   |      |          |
|---|---|-----------------|----------|---------------|---|------|----------|
| 4.3   | Accreditation of inspection units (ISO 17020)   | Accreditations  | 0.00     | 2016          | P | 2.00 | 2.00     |
|   |   |                 |          |               | A |      |          |
| Details   |   |                 |          |               |   |      |          |
| Means of verification: Accreditation certificates |   |                 |          |               |   |      |          |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No   |          |
| Indicator   |   | Unit of Measure | Baseline | Baseline Year |   | 2022 | EOP 2022 |
| 4.4   | Accreditation of the Food Safety Laboratory (ISO 17025)   | Methodologies   | 0.00     | 2016          | P | 3.00 | 3.00     |
|   |   |                 |          |               | A |      |          |
| Details   |   |                 |          |               |   |      |          |
| Means of verification: Accreditation certificates |   |                 |          |               |   |      |          |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No   |          |
| Indicator   |   | Unit of Measure | Baseline | Baseline Year |   | 2022 | EOP 2022 |
| 4.5   | Food Safety Unit (FSU) established and operational  | unit            | 0.00     | 2016          | P | 1.00 | 1.00     |
|   |   |                 |          |               | A |      |          |
| Details   |   |                 |          |               |   |      |          |
| Means of verification: LVV reports                |   |                 |          |               |   |      |          |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No   |          |
| Indicator   |   | Unit of Measure | Baseline | Baseline Year |   | 2022 | EOP 2022 |
| 4.6   | Masters of Science degrees in Agri-food safety and quality assurance obtained by civil servants | diplomas        | 0.00     | 2016          | P | 2.00 | 2.00     |
|   |   |                 |          |               | A |      |          |
| Details   |   |                 |          |               |   |      |          |
| Means of verification: Diplomas                   |   |                 |          |               |   |      |          |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No   |          |
|   | Women   |                 |          |               | P | 1.00 | 1.00     |
|   |   |                 |          |               | A |      |          |
|   | Men   |                 |          |               | P | 1.00 | 1.00     |
|   |   |                 |          |               | A |      |          |

## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

Specific Development Objectives Nbr. 5: Improved agricultural research and extension system

Observation:

| Indicator   |   | Unit of Measure | Baseline | Baseline Year |   | 2022   | EOP 2022 |  |
|---|---|-----------------|----------|---------------|---|--------|----------|--|
| 5.0   | Percentage of targeted open field vegetable farmers that adopted best practices recommended by the projects (male headed/female headed) | %               | 0.00     | 2016          | P | 50.00  | 50.00    |  |
|   |   |                 |          |               | A |        |          |  |
| Details   |   |                 |          |               |   |        |          |  |
| Means of verification: impact evaluation                  |   |                 |          |               |   |        |          |  |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No     |          |  |
| Indicator   |   | Unit of Measure | Baseline | Baseline Year |   | 2022   | EOP 2022 |  |
| 5.1   | Amount of chemical pesticides used in the production of rice  | SRD             | 800.00   | 2016          | P | 720.00 | 720.00   |  |
|   |   |                 |          |               | A |        |          |  |
| Details   |   |                 |          |               |   |        |          |  |
| Means of verification: Impact evaluation                  |   |                 |          |               |   |        |          |  |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No     |          |  |
| Indicator   |   | Unit of Measure | Baseline | Baseline Year |   | 2022   | EOP 2022 |  |
| 5.2   | Number of technologies adapted to local conditions  | Technologies    | 0.00     | 2016          | P | 28.00  | 28.00    |  |
|   |   |                 |          |               | A |        |          |  |
| Details   |   |                 |          |               |   |        |          |  |
| Means of verification: LVV research reports               |   |                 |          |               |   |        |          |  |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No     |          |  |
| Indicator   |   | Unit of Measure | Baseline | Baseline Year |   | 2022   | EOP 2022 |  |
| 5.3   | Tertiary education degrees obtained by research and extension staff   | degrees         | 0.00     | 2016          | P | 18.00  | 18.00    |  |
|   |   |                 |          |               | A |        |          |  |
| Details   |   |                 |          |               |   |        |          |  |
| Means of verification: Project progress report. Diplomas. |   |                 |          |               |   |        |          |  |
| Pro-Gender  |   | No              |          | Pro-Ethnicity |   | No     |          |  |
|   | Women   |                 |          |               | P | 8.00   | 8.00     |  |

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### RESULTS MATRIX

#### Specific Development Objectives

|  |       |  |  |  |   |       |       |
|--|-------|--|--|--|---|-------|-------|
|  | Women |  |  |  | A |       |       |
|  | Men   |  |  |  | P | 10.00 | 10.00 |
|  |       |  |  |  | A |       |       |

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 Agricultural health and food safety

|      | Output  | Unit of Measure      |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |           |
|------|---|----------------------|------|-------------------|----------|--------------------|-----------|
|      |   |                      |      | 2021              | EOP 2022 | 2021               | EOP 2022  |
| 1.1  | Plant health laboratory completed and equipped      | lab                  | P    |                   | 1        |                    | 300,000   |
|      |   |                      | P(a) | 0                 | 1        | 80,000             | 300,000   |
|      |   |                      | A    | 0                 | 0        | 185                | 6,037     |
| 1.2  | Pest risk analysis (PRA) conducted                  | number               | P    | 12                | 12       | 557,000            | 557,000   |
|      |   |                      | P(a) | 1                 | 13       | 18,000             | 557,000   |
|      |   |                      | A    | 0                 | 0        | 0                  | 0         |
| 1.3  | Border control points equipped                      | number               | P    | 1                 | 5        | 30,400             | 203,800   |
|      |   |                      | P(a) | 1                 | 5        | 67,000             | 203,800   |
|      |   |                      | A    | 0                 | 0        | 0                  | 412       |
| 1.4  | Operational material developed                      | documents            | P    | 11                | 29       | 165,000            | 300,000   |
|      |   |                      | P(a) | 2                 | 29       | 4,000              | 300,000   |
|      |   |                      | A    | 0                 | 0        | 0                  | 0         |
| 1.5  | Import and export pest-specific protocols developed | documents            | P    | 10                | 18       | 70,000             | 147,000   |
|      |   |                      | P(a) | 2                 | 18       | 15,000             | 147,000   |
|      |   |                      | A    | 0                 | 0        | 0                  | 58,950    |
| 1.6  | Tertiary education scholarships financed            | staff                | P    | 8                 | 20       | 116,765            | 352,115   |
|      |   |                      | P(a) | 1                 | 20       | 43,000             | 352,115   |
|      |   |                      | A    | 0                 | 0        | 0                  | 0         |
| 1.7  | Pesticide management training conducted             | number of people     | P    | 175               | 500      | 60,600             | 263,600   |
|      |   |                      | P(a) | 50                | 500      | 26,500             | 263,600   |
|      |   |                      | A    | 0                 | 0        | 185                | 185       |
| 1.8  | Traceability system for plant health established    | system               | P    | 1                 | 1        | 558,000            | 558,000   |
|      |   |                      | P(a) | 0                 | 1        | 0                  | 558,000   |
|      |   |                      | A    | 0                 | 0        | 0                  | 0         |
| 1.9  | Inputs for ALPP financed                            | ALPP                 | P    |                   | 1        |                    | 139,600   |
|      |   |                      | P(a) | 0                 | 1        | 20,000             | 139,600   |
|      |   |                      | A    | 0                 | 0        | 2,024              | 2,024     |
| 1.10 | Animal health laboratory equipped                   | lab                  | P    |                   | 1        |                    | 2,698,940 |
|      |   |                      | P(a) | 0                 | 1        | 40,000             | 2,698,940 |
|      |   |                      | A    | 0                 | 0        | 0                  | 19,014    |
| 1.11 | Information system installed                        | system               | P    |                   | 1        |                    | 410,500   |
|      |   |                      | P(a) | 0                 | 1        | 0                  | 410,500   |
|      |   |                      | A    | 0                 | 0        | 0                  | 3,184     |
| 1.12 | Veterinary services staff trained                   | number of staff      | P    | 15                | 45       | 15,000             | 45,000    |
|      |   |                      | P(a) | 15                | 69       | 8,000              | 45,000    |
|      |   |                      | A    | 0                 | 54       | 128                | 136       |
| 1.13 | Risk assessment studies conducted                   | number of studies    | P    | 2                 | 6        | 133,000            | 266,000   |
|      |   |                      | P(a) | 2                 | 6        | 28,000             | 266,000   |
|      |   |                      | A    | 0                 | 0        | 0                  | 136,687   |
| 1.14 | Awareness campaigns and workshops conducted         | number of activities | P    | 1                 | 9        | 10,000             | 145,000   |
|      |   |                      | P(a) | 1                 | 9        | 30,000             | 145,000   |
|      |   |                      | A    | 0                 | 2        | 0                  | 12,850    |
| 1.15 | Laboratory personnel and inspectors trained         | Number of staff      | P    | 20                | 40       | 200,291            | 400,582   |
|      |   |                      | P(a) | 10                | 40       | 20,000             | 400,582   |

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

|      | Output  | Unit of Measure   |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |           |
|------|---|-------------------|------|-------------------|----------|--------------------|-----------|
|      |   |                   |      | 2021              | EOP 2022 | 2021               | EOP 2022  |
| 1.15 | Laboratory personnel and inspectors trained                 | Number of staff   | A    | 0                 | 0        | 0                  | 0         |
| 1.16 | National Food Safety Policy and implementation plan drafted | document          | P    |                   | 1        |                    | 33,500    |
|      |   |                   | P(a) | 0                 | 0        | 18,000             | 33,500    |
|      |   |                   | A    | 1                 | 1        | 0                  | 0         |
| 1.17 | Updated food safety regulations drafted                     | documents         | P    |                   | 1        |                    | 17,100    |
|      |   |                   | P(a) |                   | 1        | 51,000             | 112,104   |
|      |   |                   | A    | 0                 | 1        | 26,191             | 87,295    |
| 1.18 | GAP and hygiene code manuals developed                      | number of manuals | P    |                   | 9        |                    | 31,000    |
|      |   |                   | P(a) | 0                 | 9        | 9,000              | 31,000    |
|      |   |                   | A    | 0                 | 0        | 0                  | 20,500    |
| 1.19 | Inspector and extension officers trained                    | number of staff   | P    | 72                | 180      | 600                | 1,800     |
|      |   |                   | P(a) | 25                | 180      | 0                  | 43,647    |
|      |   |                   | A    | 0                 | 0        | 0                  | 43,647    |
| 1.20 | Farmers trained in GAP and hygiene code                     | number of farmers | P    | 120               | 420      | 40,000             | 279,000   |
|      |   |                   | P(a) | 0                 | 420      | 0                  | 279,000   |
|      |   |                   | A    | 0                 | 0        | 0                  | 0         |
| 1.21 | Inspectors hired and trained                                | number of staff   | P    |                   | 23       |                    | 753,256   |
|      |   |                   | P(a) | 0                 | 23       | 0                  | 616,435   |
|      |   |                   | A    | 0                 | 0        | 0                  | 0         |
| 1.22 | Food safety laboratory equipped                             | lab               | P    |                   | 1        |                    | 361,270   |
|      |   |                   | P(a) | 0                 | 1        | 20,000             | 361,270   |
|      |   |                   | A    | 0                 | 0        | 250                | 34,372    |
| 1.23 | Laboratory technicians trained                              | number of staff   | P    |                   | 56       |                    | 222,000   |
|      |   |                   | P(a) | 15                | 56       | 0                  | 222,000   |
|      |   |                   | A    | 0                 | 0        | 0                  | 0         |
| 1.24 | Surveillance plan for food safety hazards developed         | plan              | P    |                   | 1        |                    | 15,000    |
|      |   |                   | P(a) | 1                 | 1        | 0                  | 15,000    |
|      |   |                   | A    | 0                 | 0        | 0                  | 0         |
| 1.25 | Consumer food safety awareness campaign conducted           | campaign          | P    |                   | 2        |                    | 64,000    |
|      |   |                   | P(a) | 0                 | 1        | 15,000             | 64,000    |
|      |   |                   | A    | 0                 | 0        | 4,920              | 4,920     |
| 1.26 | Laboratory complex completed                                | lab               | P    |                   | 1        |                    | 1,535,000 |
|      |   |                   | P(a) | 0                 | 1        | 450,000            | 1,535,000 |
|      |   |                   | A    | 0                 | 0        | 12,312             | 25,062    |

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 2 Agricultural research and technology transfer

|      | Output                                      | Unit of Measure    |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |           |
|------|---|--------------------|------|-------------------|----------|--------------------|-----------|
|      |   |                    |      | 2021              | EOP 2022 | 2021               | EOP 2022  |
| 2.1  | Research projects completed                 | number of projects | P    | 9                 | 30       | 941,281            | 2,766,937 |
|      |   |                    | P(a) | 4                 | 30       | 250,000            | 2,766,937 |
|      |   |                    | A    | 0                 | 3        | 10,297             | 362,025   |
| 2.2  | Production manuals developed                | number of manuals  | P    | 3                 | 18       | 2,000              | 27,700    |
|      |   |                    | P(a) | 2                 | 18       | 4,000              | 27,700    |
|      |   |                    | A    | 0                 | 1        | 0                  | 0         |
| 2.3  | YouTube instructional videos produced       | videos             | P    | 8                 | 58       | 3,500              | 26,500    |
|      |   |                    | P(a) | 8                 | 58       | 3,500              | 26,500    |
|      |   |                    | A    | 0                 | 1        | 0                  | 73        |
| 2.4  | Agricultural innovation training conducted  | # of farmers       | P    | 250               | 700      | 25,050             | 191,000   |
|      |   |                    | P(a) | 50                | 700      | 34,100             | 191,000   |
|      |   |                    | A    | 0                 | 0        | 0                  | 16,698    |
| 2.5  | On-farm trials and demonstrations conducted | trials             | P    | 7                 | 30       | 21,000             | 201,000   |
|      |   |                    | P(a) | 3                 | 30       | 9,000              | 201,000   |
|      |   |                    | A    | 0                 | 1        | 0                  | 0         |
| 2.6  | Media equipment purchased                   | equipment          | P    |                   | 1        |                    | 250,000   |
|      |   |                    | P(a) | 1                 | 1        | 0                  | 250,000   |
|      |   |                    | A    | 0                 | 0        | 0                  | 50,105    |
| 2.7  | LVV Staff Trained                           | Number of people   | P    |                   | 45       |                    | 105,000   |
|      |   |                    | P(a) | 15                | 146      | 4,000              | 105,000   |
|      |   |                    | A    | 0                 | 101      | 0                  | 8,282     |
| 2.8  | Tertiary education scholarships financed    | number of staff    | P    | 4                 | 18       | 253,103            | 656,503   |
|      |   |                    | P(a) | 1                 | 18       | 52,500             | 656,503   |
|      |   |                    | A    | 0                 | 5        | 0                  | 10,817    |
| 2.9  | Pesticide management facilities upgraded    | facilities         | P    | 1                 | 1        | 25,000             | 25,000    |
|      |   |                    | P(a) | 1                 | 1        | 13,000             | 25,000    |
|      |   |                    | A    | 0                 | 0        | 198                | 11,439    |
| 2.10 | Agricultural innovation projects completed  | number of projects | P    | 5                 | 20       | 50,000             | 125,000   |
|      |   |                    | P(a) | 3                 | 20       | 90,000             | 125,000   |
|      |   |                    | A    | 0                 | 0        | 0                  | 0         |
| 2.11 | Cluster laboratory installations completed  | laboratory         | P    | 1                 | 1        | 529,200            | 1,211,700 |
|      |   |                    | P(a) | 0                 | 1        | 245,000            | 1,211,700 |
|      |   |                    | A    | 0                 | 0        | 12,312             | 12,420    |

## Other Cost

|  |                           |      |  |  |         |           |
|--|---------------------------|------|--|--|---------|-----------|
|  | External Audit            | P    |  |  | 50,000  | 250,000   |
|  |                           | P(a) |  |  | 20,000  | 250,000   |
|  |                           | A    |  |  | 9,841   | 43,365    |
|  | Monitoring and evaluation | P    |  |  |         | 300,000   |
|  |                           | P(a) |  |  | 0       | 300,000   |
|  |                           | A    |  |  | 0       | 0         |
|  | Project management        | P    |  |  | 255,312 | 1,263,597 |
|  |                           | P(a) |  |  | 225,000 | 1,263,567 |
|  |                           | A    |  |  | 236,955 | 781,790   |



Total Cost

|  |            |      |  |  |           |            |
|--|------------|------|--|--|-----------|------------|
|  | Total Cost | P    |  |  | 4,112,102 | 17,500,000 |
|  |            | P(a) |  |  | 1,912,600 | 17,500,000 |
|  |            | A    |  |  | 315,798   | 1,752,289  |

# PMR Public Report

## CHANGES TO THE MATRIX

| Section | Name  | Type of Change | Subtype   | Modified By | Entered in the System |
|---------|---|----------------|---|-------------|-----------------------|
| Output  | National Food Safety Policy and implementation plan drafted | Modify Output  | Modify Physical EOP P(a) value - caused by a change in the Physical P(a). | MICHAELC    | 10/15/2021            |
|         |   |                | Modify Physical Historical Actual   | MICHAELC    | 10/15/2021            |

## RISKS AND PLANNED RESPONSES

| Risk ID | Risk Status      |                     | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
| 1       | Active           |                     | N/A           |
|         |                  |                     |               |
|         | Response actions |                     |               |
|         | 1.1              | Management Strategy | Status        |
|         |                  | -                   |               |
|         | 1.2              | Management Strategy | Status        |
|         |                  | -                   |               |

| Risk ID | Risk Status      |                     | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
| 2       | Active           |                     | N/A           |
|         |                  |                     |               |
|         | Response actions |                     |               |
|         | 2.1              | Management Strategy | Status        |
|         |                  | -                   |               |

| Risk ID | Risk Status      |                     | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
| 3       | Active           |                     | N/A           |
|         |                  |                     |               |
|         | Response actions |                     |               |
|         | 3.1              | Management Strategy | Status        |
|         |                  | -                   |               |
|         | 3.2              | Management Strategy | Status        |
|         |                  | -                   |               |

| Risk ID | Risk Status      |                     | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
| 4       | Active           |                     | N/A           |
|         |                  |                     |               |
|         | Response actions |                     |               |
|         | 4.1              | Management Strategy | Status        |
|         |                  | -                   |               |

| Risk ID | Risk Status |  | Risk Taxonomy |
|---------|-------------|--|---------------|
| 5       | Active      |  | N/A           |
|         |             |  |               |

**RISKS AND PLANNED RESPONSES**

| Risk ID | Risk Status      |                     | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
|         | Response actions |                     |               |
|         | 5.1              | Management Strategy | Status        |
|         |                  | -                   |               |
|         |                  |                     |               |

# PMR Public Report

## IMPLEMENTATION STATUS AND LEARNING

| Lesson Learned - Categories |
|-----------------------------|
|                             |