



EAST-WEST SEED  
FOUNDATION

KNOWLEDGE  
TRANSFER

PHILIPPINES - Q2

# QUARTERLY REPORT

2023 (April - June)



Dry Season





## Section 1

# NEWS & HIGHLIGHTS



## KNOWLEDGE TRANSFER

The KT Techno Hub learning farm, located in Brgy. Lindaban, Manolo Fortich, Bukidnon, has been accredited as a learning site by the Agricultural Training Institute (ATI) of the Department of Agriculture. The learning farm is also a candidate to apply for PhilGAP certification this year.

During the last 2 weeks of this quarter, EWS-KT Philippines conducted a mid-year review and assessment, as well as a series of capacity-building initiatives: Training of Trainers on PhilGAP Basic Concepts and Principles, Sloping Agricultural Technology (SALT), and Rearing of Biological Control Agents.

There are 4 additional employees who will be working on the new project Upscaling of the Gulayan sa Palayan at Pagnenegosyo Towards a Food-Sufficient RiceBIS Communities, a partnership with PhilRice that launched on June 18, 2023, in Castillejos, Zambales.



## DIGITAL & OTHER

A Digital Media Specialist was hired during the last month of this quarter to intensify social media activities and content creation, publish success stories and project updates, and share KT activities and stories through internal media (Samahan Internal Newsletter, EWS-KT chat group) and external media (Facebook, etc.). This work will be regularly monitored and updated through the Social Media Editorial Calendar managed by the Digital Media Specialist.



## DEMONSTRATION PLOTS

There were 13 ongoing demos for this quarter. 10 demos were from the ACIAR-GAP project and KT Techno Hub demos started during the last month of the 1st quarter, while 3 demos were from the Crop Diversification Project.



## HIGHLIGHT IMAGES



EWS-KT Philippines team after the Training of Trainers on PhilGAP Basic Concepts and Principles, conducted on June 19 at East-West Seed Buena Vista Research Center, Manolo Fortich, Bukidnon.



Collecting soil samples at the KT Techno Hub demo farm in preparation for onion action research. The composite sample was submitted to the Regional Soils Laboratory for analysis in Cagayan de Oro City.



Bed preparation and sowing of onion seed was undertaken on June 15-16 at the KT Techno Hub in Bukidnon. This is for action research trials on the adaptability and productivity of onion in mid-elevation areas in open field and rain shelter.



Baugnon National High School held a 10-day work immersion at the KT Techno Hub on May 2-12, 2023.



# DEMONSTRATION PLOTS

## Distribution of Crops

Table 1: Demonstration plots managed by key farmers in this quarter.

| Vegetable Crop | No. of Demos | Crop Variety  | No. of Demos per Variety | Average Land Size (sq. m.) |
|----------------|--------------|---------------|--------------------------|----------------------------|
| Yard Long Bean | 3            | Bongga        | 2                        | 175                        |
|                |              | Pantastiko    | 1                        | 120                        |
| Bitter Gourd   | 2            | Mestiza F1    | 1                        | 200                        |
|                |              | Galaxy Max F1 | 1                        | 325                        |
| Eggplant       | 1            | Calixto       | 1                        | 270                        |
| Bottle Gourd   | 1            | Mayumi F1     | 1                        | 100                        |
| Sweet Pepper   | 1            | Sultan F1     | 1                        | 300                        |
| Hot Pepper     | 1            | Django Dos F1 | 1                        | 200                        |
| Cucumber       | 1            | Mega C F1     | 1                        | 120                        |
| Tomato         | 1            | Jewel F1      | 1                        | 210                        |
| Sweet Corn     | 1            | Macho F1      | 1                        | 750                        |
| Okra           | 1            | Smooth Green  | 1                        | 100                        |
| <b>Total</b>   | <b>13</b>    |               | <b>13</b>                |                            |

### Table 1 Notes

Yard long bean and bitter gourd were the most planted crops this quarter, as they bring a good price during the entire quarter.

## Demos Associated with Projects

Table 2: Details of major projects during this quarter.

| Project Name  | Project Area             | Average Land Size (sq. m.) | No. of Demos |           |            |
|---|--------------------------|----------------------------|--------------|-----------|------------|
|   |                          |                            | Ongoing      | Completed | Terminated |
| ACIAR - GAP Developing Vegetable Value Chains                           | Mahaplag, Leyte          | 280                        | 6            | 0         | 0          |
|   | Bukidnon                 | 250                        | 1            | 0         | 0          |
| ACIAR - GAP Developing Vegetable Value Chains/ CMU Crop Diversification | Bukidnon                 | 100                        | 3            | 0         | 0          |
| KT Techno Hub   | Manolo Fortich, Bukidnon | 270                        | 3            | 0         | 0          |
|   | <b>Total</b>             |                            | <b>13</b>    | <b>0</b>  | <b>0</b>   |

### Table 2 Notes

Of the 13 ongoing demos this quarter, the 10 demos planted in the last week of the 1st quarter were in the harvesting stage, while the 3 demos under the Crop Diversification Project were in the early vegetative stage. These 3 demos have also been identified by EWS-KT staff as potential areas for GAP (Good Agricultural Practices) certification.





## Section 2 IMAGES OF DEMO PLOTS



Melody Atanoza, an EWS-KT staff member in the GAP-ACIAR project, facilitated the PhilGAP pre-assessment for two farms (Silfa Cabardo's farm and the Gary Empron and Segundo Malate Farm) by Randy Dante of the Department of Agriculture Regulatory Division on May 31.



Young farmers Joseph Lubaynoni and Ian Mark Salaum during the harvesting of hot pepper from the demo at the KT Techno Hub in Bukidnon.



Harvesting day at the GAP-certified farm in Mahaplag, Leyte, owned by Mirasol Abalora, a key farmer from the GAP-ACIAR project.



The demo farm of Mibantang Advocates for Sustainable Agriculture (MASUSAG), one of the farms assisted under the ACIAR-GAP project in collaboration with Central Mindanao University.



Harvesting of eggplant in the KT Techno Hub demo.



The EWS-KT team in Mindanao conducted a session under Level 2 of stepped GAP to a farmer group in demo areas in Mibantang, located in Quezon, Bukidnon. Topics discussed included nutrient and water management, IPM, and introduced biocon agents such as Trichogramma and Trichoderma.





### Section 3

# FARMER TRAINING

## Training Sessions

Table 4: Number of farmers trained by region in this quarter.

| Demonstration Location |                | No. of Trainings | Total Farmers | Male       | Female     | Youth % |
|------------------------|----------------|------------------|---------------|------------|------------|---------|
| District               | Village Tract  |                  |               |            |            |         |
| Occidental Mindoro     | Mamburao       | 1                | 222           | 138        | 84         | 28%     |
|                        | San Jose       | 1                | 66            | 31         | 35         | 38%     |
| Pangasinan             | Umingan        | 2                | 174           | 78         | 96         | 26%     |
| Nueva Ecija            | Zaragoza       | 1                | 85            | 41         | 44         | -       |
| Palawan                | Busuanga       | 1                | 17            | 3          | 14         | 12%     |
|                        | Coron          | 1                | 17            | 3          | 14         | 53%     |
| Zamboanga Sibugay      | Ipil           | 1                | 555           | 304        | 251        | 6%      |
| Leyte                  | Bato           | 1                | 110           | 53         | 57         | -       |
|                        | Baybay         | 2                | 130           | 53         | 77         | 88%     |
| Bukidnon               | Manolo Fortich | 1                | 28            | 15         | 13         | 18%     |
| Misamis Oriental       | Cagayan de Oro | 1                | 64            | 36         | 28         | -       |
|                        | Laguindingan   | 1                | 202           | 106        | 96         | -       |
| North Cotabato         | Kabakan        | 2                | 190           | 88         | 102        | 50%     |
| <b>Total</b>           |                | <b>16</b>        | <b>1,860</b>  | <b>949</b> | <b>911</b> |         |

### Table 4 Notes

In this quarter, 1,860 farmers, home gardeners, and other interested individuals were trained in topics such as production planning, urban gardening, introduction to GAP, cultural management of vegetables, seed-to-seedling management, safe use of pesticides, and identification and management of insect pests and diseases.

### Other Value Chain Highlights

Rapid Market Assessments were conducted in different public markets and Bagsakan Center (a wholesale market for farmers, middlemen, and local consolidators) in Zambales. This is part of the preparation for the implementation of the project Upscaling of the Gulayan sa Palayan at Pagnenegosyo Towards a Food-Sufficient RiceBIS Communities in Castillejos, Zambales.





## Section 4

# DIGITAL MEDIA

## Digital Platform Members or Followers

Table 6: Number of members/followers at the end of each quarter.

|                                   | Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 |
|-----------------------------------|-----------|-----------|-----------|-----------|
| Country Facebook Page (Followers) | 34,849    | 35,624    |           |           |
| Messenger Group (Members)         | -         | 34        |           |           |

## Country Facebook Content and Engagement

Table 7: Content creation and indicators of viewer engagement.

| Posts Created | Total Views | Comments | Reactions |
|---------------|-------------|----------|-----------|
| 14            | 104,916     | 336      | 2,911     |

## Digital Outreach

Table 8-1: Number of digital platform users, viewers, or views.

| Digital Platform                               | Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 |
|--|-----------|-----------|-----------|-----------|
| Country Facebook Page (Viewers)                | 105,135   | 104,916   |           |           |
| EWS-KT YouTube (Views)                         | 12,485    | 9,680     |           |           |
| EWS-KT GrowHow (Users)                         | 3,772     | 3,343     |           |           |
| VeggieTap by EWS-KT (Downloads + Online Users) | 867       | 648       |           |           |

## Non-Digital Indirect Outreach

Table 8-2: Outreach through printed guides, radio, and other non-digital means.

| Type of Outreach            | Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 |
|-----------------------------|-----------|-----------|-----------|-----------|
| Guides Distributed (Guides) | 3,282     | 1,895     |           |           |

## Top 3 Facebook Posts

Facebook posts with the most engagement.



Crop companions and antagonists of common vegetables

**Reach**  
50,877  
**Comments**  
13  
**Shares**  
210  
**Likes**  
217

**Reactions**  
48



VIEW POST



Agriculture students exposed to vegetable production

**Reach**  
26,569  
**Comments**  
6  
**Shares**  
14  
**Likes**  
172

**Reactions**  
36



VIEW POST



Free training course—VeggieTap

**Reach**  
15,754  
**Comments**  
0  
**Shares**  
48  
**Likes**  
32

**Reactions**  
11



VIEW POST



## Fresh Vegetable Market Prices

Table 9: Retail vegetable prices during the quarter. This data was collected weekly.

| Crop                | Vegetable Price Fluctuation, April to June 2023 (Average Price per Kilo, in Philippine Peso) |     |     |     |     |     |     |     |     |     |     |     |
|---------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     | W13  | W14 | W15 | W16 | W17 | W18 | W19 | W20 | W21 | W22 | W23 | W24 |
| Bitter Gourd        | 35   | 33  | 30  | 25  | 25  | 30  | 28  | 20  | 30  | 29  | 29  | 25  |
| Eggplant            | 17   | 26  | 28  | 35  | 40  | 35  | 19  | 17  | 25  | 33  | 34  | 25  |
| Cucumber            | 7  | 14  | 15  | 30  | 38  | 35  | 43  | 38  | 50  | 50  | 25  | 12  |
| Hot Pepper Taiwan   | 30   | 23  | 34  | 15  | 26  | 20  | 20  | 22  | 20  | 25  | 25  | 25  |
| Hot Pepper Panigang | 17   | 20  | 19  | 20  | 25  | 28  | 25  | 15  | 15  | 23  | 26  | 15  |
| Sweet Pepper        | 35   | 34  | 51  | 30  | 25  | 30  | 50  | 47  | 49  | 55  | 53  | 45  |
| Tomato              | 6  | 6   | 8   | 6   | 6   | 7   | 9   | 13  | 14  | 20  | 25  | 25  |
| Yard Long Bean      | 22   | 31  | 25  | 20  | 23  | 34  | 33  | 24  | 33  | 30  | 30  | 30  |
| Squash              | 15   | 14  | 10  | 8   | 9   | 7   | 8   | 10  | 10  | 10  | 8   | 6   |