



Entrenamiento y Desarrollo de Agricultores

BACKGROUND

This monthly bulletin provides information on current activities of the Farmer Training and Development Program (MCA-H/EDA), a Program of the Millennium Challenge Account of Honduras (MCA-Honduras) with funds provided by the Millennium Challenge Corporation (MCC) of the United States of America.

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AT A GLANCE

- At the end of October 2010, MCA-H/EDA had 7,264 registered producers receiving technical assistance (6,681 men and 583 women).
- More than 237 market links were finalized between producers and buyers, including local distributors, agro-processors, wholesale markets and agro-exporters (17,529 links to date).
- 316 hectares were planted with new crops in October, mostly watermelon, plantain, tomato, cabbage and cucumber. 20,193 hectares have been planted to date.
- 226 training events were carried out with 3,938 participants (3,567 men and 371 women) on production (82.2%), postharvest (7.5%), processing (2.4%), marketing (7.2%), and business skills/finance (0.7%)
- 3,456 technical assistance visits were made to farmers in the area of production and 124 were made in postharvest, finance, processing, marketing, and business skills.
- Two national award ceremonies were held for producers of plantain and horticultural crops grown in greenhouses. Field technicians from the World Food Program were trained on basic grain production.
- A training event was held for SAG personnel on markets, market information and price analysis (with IICA).
- The Feria del Agricultor and Fundación Banhcafe began sending market prices to growers via text messages to cellular phones.
- Developed 14 technical presentations: 3 on marketing, 1 on business skills, 1 on postharvest and 9 on production; finished delivering 10,000 copies of two books developed by the Program – "Fruit and Horticultural Crop Production Manuals" and "Technical Bulletins for the High Value Horticultural Sector."
- Through the MCA-H small donations Program, 12 of 38 recently donated greenhouses are complete and have been planted, 15 are installing trellising systems, 6 have the structure ready and plastic and nets are being installed, and 5 are under construction. 116 greenhouses have been donated against a goal was 112. The 78 greenhouses previously constructed have been used for the production of tomato, sweet pepper, strawberry, lettuce, roses and plantlets.
- In October, the capital investment made on farms by producers was \$66,308 mostly on irrigation equipment, greenhouse materials, and other equipment (\$9.73 million to date).

November 2010 events:

Workshops: event on Hass avocado production in El Paraíso (November 12); conference on viruses in Comayagua (November 22), pepper production in Choluteca (November 26). Contact Lorena Aguilar for more information: 501.0375 or laguilar@fintrac.com.

MCA-H/EDA's focus on direct technical assistance and training for Program producers follows a market-led production methodology. Most of the technical assistance is provided directly to individual farmers, who receive regular extension visits on their farms from Program agronomists. MCA-H/EDA has a highly qualified technical team that includes field agronomists, and technicians specialized in marketing and logistics, postharvest management, farm certification programs, business administration, finances and business development services.



Farmers learn to identify pests on tomato plants during a group training.

CLIENTS – MCA-H / EDA

By the end of October 2010, the MCA-H/EDA Program had a total of 7,264 producers receiving technical assistance and training. Program technicians provide assistance in 209 municipalities in the 16 departments assisted.

| Client | Change 10/10 | Total 10/10 |
|-----------------------|--------------|-------------|
| Lead Producers | 2 | 1,586 |
| Beneficiary Producers | -3 | 5,506 |
| Graduate Producers* | - | 172 |
| Buyers | - | 192 |
| Business Services | - | 126 |
| Counterparts | - | 86 |

* Producers that have graduated from MCA-H/EDA continue to be Program clients and receive technical assistance in marketing, postharvest and business skills and occasional production assistance.

MARKETING

MCA-H/EDA specialists established more than 237 market-led production links between Program producers and buyers from the local, export and processing markets in October. Meetings and field visits took place with local buyers of greenhouse tomatoes and peppers, plantains and other crops. The 7 training events held this month included 283 participants and covered analysis of markets, buyers, prices and volumes for plantain, tomato and pepper. At these events buyers are invited to give presentations and establish direct links with interested producers to establish volumes, quality specifications and business terms. Assisted Program producers in Santa Bárbara and El Paraíso had the first harvests of Hass avocado planted with MCA-H/EDA assistance. The Program organized logistics and grower visits for a Guatemalan company interested in establishing operations in Honduras. Began working with SIMPAH on providing market information when the Program ends.

PRODUCTION

MCA-H/EDA agronomists continued strengthening group technical assistance so that producers can exchange experiences and strengthen calendarized plantings for market sustainability. 11 grower **farm visits** took place to producers with established crops including onions, plantains and squash, and to producers with established shade houses and greenhouses. Agronomists held 40 **workshops** in different zones on soil preparation, adequate use of pesticides, pest sampling and critical levels, greenhouse construction and production, and drip irrigation and nursery management. **On-farm trainings** covered plotlet management in greenhouses, construction of greenhouses, basic and cultural practices, pest and disease control, disposal of pesticide containers, biological controls, contour plowing, drip irrigation, fertilization programs, personal hygiene and food handling (138 on farm events). In April 2010, EDA hired a **greenhouse production** specialist for six months to provide direct technical assistance to producers with greenhouses. The contract was extended for two more months through the end of November 2010. To supplement technical assistance, a workshop was held this month in Siguatepeque on greenhouse production for participants from all over the country, as well as NGO representatives (85 participants). Hortifruit/Wal-Mart representatives presented their volume and quality requirements for tomato and sweet pepper and established business terms. Another workshop is scheduled for December in Copán.

POSTHARVEST/PROCESSING

MCA-H/EDA specialists provided on-farm technical assistance to 59 producers on postharvest infrastructure and handling for several crops including onion, sweet potato, chayote, tomato and Valencia cassava. In October, 16 training events took place with 297 participants. Topics included postharvest handling of cassava, tomato, avocado and plantain for local and export markets, water purification and use of chlorine. With the increase in harvest volumes of plantains and cassava, the postharvest team is focusing on training producers with sufficient volumes to begin selling to local supermarket chains and exporters to the US. Assistance was provided to processors in new product development including Hawaiian fried plantains, "hot packed" vegetables in bags and Mexican salsa; development of small-scale processing operations; and provision of technical information and equipment costs to automate processing lines.

BUSINESS SKILLS

During the month of October, business skills specialists held a workshop for 27 participants and made training presentations for other events on the use of logbooks, and the results obtained by plantain producers. Assistance was continued with producers with cash flow projections and financial institutions with investment plans. Updated production budgets for more than 20 crops. Installed the "electronic agronomist" on computers at six agriculture schools.

OTHER ACTIVITIES

Activities with the Secretariat of Agriculture and Livestock: coordinated meetings with representatives from SAG, Banadesa, and plantain producers and buyers to develop and implement financial products for plantain; trained SAG technicians on markets, market information, etc.; held meetings on financial options for producers, on collaborative projects and made contacts with regional investors.

Others: trained students from Escuela Agrícola Pompilio Ortega, Santa Bárbara, on control of pests, diseases and weeds.



Farmers plant green onions with the help of an MCA-H/EDA agronomist in Francisco Morazán.



Farmers look over their potato crop in La Esperanza.



Women pack paraffin-coated cassava in Yoro.



Processing plants in Atlántida made these packaged plantain products.

MCA-H/EDA PRODUCERS WIN AWARDS FOR THEIR ACHIEVEMENTS

MCA-H/EDA awarded plaques to the producers that obtained the highest yields per hectare of tomatoes, potatoes, peppers and plantains in 2010. These awards represent their effort and discipline, their attention to detail and their desire to better themselves day by day.

The numbers demonstrate that a producer that focuses on the results and has the discipline to follow the zone agronomist's technical recommendations can obtain yields that are higher than the national average. They also validate the Program's technological package and serve as a reference point for improvement. Continued improvements have allowed Program producers to increase their productivity and sustainably run professional and successful operations.

It is important to recognize that most producers that won awards come from zones that do not usually have high yields. In some cases the crops they were growing were not even financially important in the zone. The producers' success generates new jobs in their communities, demonstrates new technology and creates opportunities for crop diversification.

| Awards for potato producers | Yields |
|-----------------------------------------------------------|-------------|
| 1st place, Nery Edgardo Vasquez, El Volcán, Ocotepeque | 1,822 QQ/Ha |
| 2nd place, Marben Fabián Perez, Erandique, Lempira | 1,667 QQ/Ha |
| 3rd place, Daniel Humberto Pleitez, El Volcán, Ocotepeque | 1,386 QQ/Ha |

| Awards for pear-type tomato producers (Plot < 1 Ha) | Yields |
|---------------------------------------------------------------|------------------|
| 1st place, William Lopez Zepeda, Azacualpa, Francisco Morazán | 7,500 Gavetas/Ha |
| 2nd place, José German Escobar, Cabañas, Copán | 6,857 Gavetas/Ha |

| Awards for producers of pear-type tomatoes (Plot > 1 Ha) | Yields |
|---------------------------------------------------------------|------------------|
| 1st place, Luis Andrés Castillo, Lejamaní, Comayagua | 6,176 Gavetas/Ha |
| 2nd place, Mario Alexis Bonilla, Amarateca, Francisco Morazán | 5,714 Gavetas/Ha |

| Awards for producers of salad tomatoes | Yields |
|---------------------------------------------------------|----------------|
| 1st place, Ramon Rosa Avila, Maraita, Francisco Morazán | 8,546 Boxes/Ha |

| Awards for producers of tomatoes grown in greenhouses | Yields |
|-------------------------------------------------------|-----------------|
| 1st place, Jose Manuel Garcia, Marcala, La Paz | 16,000 Boxes/Ha |

| Awards for plantain producers | Yields |
|-------------------------------------------------|---------------|
| 1st place, Martha Doblado, Oropolí, El Paraíso | 126,126 Lb/Ha |
| 2nd place, Nelson Noe Ramos, San Antonio, Copán | 109,286 Lb/Ha |
| 3rd place, Oscar Amilcar Lobo, Arenal, Yoro | 108,573 Lb/Ha |

| Awards for producers of red bell peppers | Yields |
|------------------------------------------------------------|------------------|
| 1st place, José Santos Pacheco, Esquías del Norte, Olancho | 584,615 Units/Ha |

| Awards for producers of Nathalie peppers | Yields |
|-------------------------------------------------------|------------------|
| 1st place, Carlos René Calderón, Choluteca, Choluteca | 984,000 Units/Ha |
| 2nd place, José R Ramirez, Danlí, El Paraíso | 870,350 Units/Ha |
| 3rd place, Julio José Ardón, Danlí, El Paraíso | 584,615 Units/Ha |

The producers that won awards challenged other producers to try and surpass these yields. These events were also an important meeting place for buyers and input, and service providers who want to strengthen their links with Program producers.



MCA-H Director hands out prizes to the top tomato producer.



Pepper producers attend a national award event in Comayagua.



A jalapeño buyer speaks at an MCA-H/EDA event.



Potato producers attend a national award event in La Esperanza.

PLANTINGS

In November 2006, producers began new plantings using technologies promoted by MCA-H/EDA technicians. In October 2010, 316 new hectares were planted. Plantings of producers that leave the Program and that have not been harvested are not counted, which can cause a reduction in the area in comparison to the previous months. 20,193 hectares have been planted to date by producers currently registered with the Program.

MCA-H/EDA ASSISTANCE ZONES

MCA-H/EDA provides technical assistance in 16 of the 18 departments in Honduras and is working with 7,264 producers (1,586 lead, 5,506 beneficiaries and 172 graduates). The production zones where MCA-H/EDA technicians are assigned are areas where, for the most part, producers were not previously receiving technical assistance for agricultural activities.

| Department | Registered Lead Clients | Registered Beneficiary Clients | Graduates |
|-------------------|-------------------------|--------------------------------|------------|
| Atlántida | 43 | 152 | 3 |
| Choluteca | 108 | 137 | 11 |
| Colón | 20 | 97 | 0 |
| Comayagua | 218 | 790 | 49 |
| Copán | 66 | 244 | 16 |
| Cortés | 33 | 230 | 14 |
| El Paraíso | 128 | 509 | 17 |
| Francisco Morazán | 361 | 1,134 | 41 |
| Intibucá | 149 | 538 | 5 |
| La Paz | 92 | 298 | 3 |
| Lempira | 16 | 139 | 4 |
| Ocotepeque | 83 | 385 | 3 |
| Olancho | 92 | 241 | 0 |
| Santa Bárbara | 73 | 264 | 2 |
| Valle | 21 | 70 | 0 |
| Yoro | 83 | 278 | 4 |
| Total | 1,586 | 5,506 | 172 |

FARM LABOR COSTS

Most MCA-H/EDA Program producers have small operations. 85.4 percent have reported farm labor costs of less than \$1,000 per year and only 1.6 percent have costs that are higher than \$10,000 per year given their production level.

TRAINING

MCA-H/EDA technicians held 226 events in October, where they trained 3,938 participants: 3,567 men and 371 women.

| Area | # Events | # Participants |
|-----------------|------------|----------------|
| GlobalGAP | 10 | 205 |
| Business Skills | 1 | 27 |
| Marketing | 7 | 283 |
| Postharvest | 16 | 297 |
| Processing | 3 | 93 |
| Production | 189 | 3,033 |
| Total | 226 | 3,938 |

Examples: Implementing basic and cultural practices; IPM in greenhouses, identification and control of pests, diseases and weeds, use of biological control, pest sampling and critical levels in nurseries, use of SAR (Acquired Resistance), adequate use of pesticides; programming of farm activities; greenhouse construction; production management in greenhouses; installation, use and management of drip irrigation systems; exchange of experiences and visits to producers with different crops; soil preparation and management; classification and packing; GlobalGAP certification: personal hygiene; water management and crop nutrition; selection and sterilization of greenhouse substrates; general management of nurseries; plantlet preparation; fertigation; contacts and buyers for specific products, classification and selection of products and GAPs/food safety.

| Crop | Hectares | |
|-----------------------------|---------------|------------------|
| | Area 10/10 | Total Area |
| Chard | - | 0.20 |
| Garlic | - | 2.69 |
| Sesame | - | 1.40 |
| Celery | 0.20 | 8.02 |
| Rice | - | 827.82 |
| Peas | 0.40 | 5.29 |
| Banana | - | 1.00 |
| Squash | - | 174.75 |
| Eggplant | 9.30 | 411.13 |
| Broccoli | 1.89 | 47.07 |
| Coffee | - | 119.80 |
| Butternut Squash | - | 68.14 |
| Sweet Potato | 0.65 | 212.44 |
| Onion | 9.95 | 803.17 |
| Scallion | 0.02 | 5.10 |
| Sweet Pepper | 13.91 | 715.24 |
| Habanero Pepper | - | 14.65 |
| Jalapeño Pepper | 2.49 | 426.04 |
| Hot Peppers (Others) | - | 12.70 |
| Tabasco Pepper | - | 53.54 |
| Chive | - | 13.35 |
| Cauliflower | 1.24 | 31.53 |
| Bitter Melon | 2.60 | 303.86 |
| Spinach | - | 0.20 |
| Fresh Flowers | 0.60 | 16.24 |
| Strawberry | 0.45 | 30.98 |
| Bean | 5.86 | 1,202.18 |
| Fruit Trees – Avocado | 0.04 | 158.79 |
| Fruit Trees - Coconut | - | 66.40 |
| Fruit Trees - Peach | - | 0.62 |
| Fruit Trees - Guava | - | 100.28 |
| Fruit Trees – Persian Lemon | 0.04 | 62.87 |
| Fruit Trees - Mandarin | - | 7.03 |
| Fruit Trees - Mango | - | 313.90 |
| Fruit Trees - Mangosteen | - | 2.10 |
| Fruit Trees - Nance | - | 0.70 |
| Fruit Trees - Rambutan | - | 432.29 |
| Grass | - | 0.70 |
| Green Beans | 0.32 | 101.71 |
| Fresh Herbs | 0.16 | 21.84 |
| Greenhouses - Various | 2.00 | 44.68 |
| Yam Bean | - | 0.76 |
| Baby Corn | - | 7.52 |
| Lettuce | 4.74 | 151.28 |
| Loroco | - | 0.45 |
| Corn | 1.20 | 1,802.13 |
| Corn (Mountain) | - | 91.35 |
| Corn - Baby | 1.70 | 302.87 |
| Corn (Seeds) | - | 256.86 |
| Sweet Corn | - | 134.31 |
| Malanga | - | 13.51 |
| Passion Fruit | 1.40 | 148.66 |
| Melon | - | 147.98 |
| Blackberry | - | 2.30 |
| Noni | - | 0.54 |
| Okra | 1.93 | 254.32 |
| Potato | 9.40 | 1,020.79 |
| Papaya | 1.90 | 185.34 |
| Poinsettias | - | 0.70 |
| Paste | 0.25 | 45.25 |
| Chayote | 1.46 | 113.01 |
| Cucumber | 11.95 | 615.29 |
| Pineapple | - | 39.97 |
| Baby Squash | - | 3.93 |
| Plantlets | - | 13.80 |
| Plantain | 45.62 | 2,300.60 |
| Radish | 0.14 | 6.50 |
| Beetroot | 0.14 | 20.71 |
| Cabbage | 12.95 | 444.49 |
| Watermelon | 133.70 | 1,096.55 |
| Snake Gourd | - | 3.13 |
| Sorghum | - | 10.90 |
| Tobacco | - | 13.30 |
| Tomato | 20.78 | 3,043.47 |
| Husk Tomato | - | 1.15 |
| Uchuva | - | 1.42 |
| Cassava | 8.80 | 719.85 |
| Carrot | 5.41 | 244.86 |
| Pumpkin | 0.75 | 12.33 |
| Zucchini | - | 98.24 |
| Total | 316.34 | 20,192.86 |

MCA-H/EDA PERFORMANCE MONITORING PLAN

The MCA-H/EDA Program uses a Performance Monitoring Plan (PMP) to implement activities and follow-up on the development and results of the "low level" goals that are necessary to achieve the Program's "high level" goals. The PMP is a flexible tool that is revised every year and updated monthly as the work plan is developed. As MCA-H/EDA gets closer to the end of its implementation, additional technical emphasis and reports have been given in these areas. Continued technical assistance visits and on-farm trainings for groups of producers strengthen the implementation of basic practices; the Program continued discussions with three organizations to provide market price information services. Some of the PMP components with 2010 goals and the status of these activities by October 2010 are outlined below.

MARKETING

| Activity | Goal 12/10 | Status |
|------------------------------------------------------------------|------------|--------|
| # of links between producers and buyers facilitated by MCA-H/EDA | 12,000 | 17,529 |
| # of buyers that are purchasing from MCA-H/EDA producers | | |
| For the local market: | | 377 |
| For export (fresh and processed): | | 91 |
| # producers with links with buyers for export | - | 1,501 |
| # producers with links with buyers for the local market | - | 6,718 |
| # of alliances to provide market information services | 4 | 3 |

BUSINESS SKILLS

| Activity | Goal 12/10 | Status |
|-----------------------------------------------------------------------------------------------------------------|------------|--------|
| # participants in training and technical assistance | 13,250 | 14,456 |
| # of trainings on the use of logbooks | 4,500 | 4,409 |
| Organization of producers and assistance with input purchases and services | 25 | 26 |
| # of alliances with regional educational institutions to provide training to local producers on business skills | 18 | 21 |

BUSINESS DEVELOPMENT SERVICES

| Activity | Goal 12/10 | Status |
|-------------------------------------------------------------------------------------------------|------------|--------|
| # of personnel from associations and other organizations trained in market evaluations | 36 | 85 |
| # of producers trained in market evaluations | - | 132 |
| # of SAG/DICTA and NGO field staff trained in Fintrac methodologies and new technology | 400 | 635 |
| # of diagnosis and information centers established with input stores and educational associates | 12 | 54 |

PRODUCTION

| Activity | Goal 12/10 | Status |
|------------------------------------------------------------------------------------|------------|---------|
| Farm extension program (# visits) | 126,500 | 154,210 |
| # of participants in training events | 100,000 | 112,484 |
| # of participants trained in the safe use of pesticides | 6,000 | 7,336 |
| # of alliances designed and implemented to expand reach, impact and sustainability | 80 | 116 |

POSTHARVEST/PROCESSING

| Activity | Goal 12/10 | Status |
|---------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------|
| # of packing plants that are receiving technical assistance | 150 | 192 |
| # of participants trained in postharvest handling | 9,500 | 11,504 |
| # of participants trained in processing | 750 | 838 |
| # of horticultural processors assisted or expansion to create opportunities for 3,000 producers | 31 | 57 processors; 2,806 producers |
| # of alliances established with processors and others to guarantee extension services to 3,000 producers after the project ends | 53 | 82 alliances; 2,499 producers |
| # of producers with links to the private sector that provides extension services | - | 914 |
| # of producers with links to institutions that provide extension services | - | 1,585 |

ACCESS TO FINANCING

| Activity | Goal 12/10 | Status |
|------------------------------------------------------------------------------------|------------|--------|
| Program producers directly assisted in obtaining loans with financial institutions | 500 | 557 |
| Loan value (L. million) | - | 46.12 |
| Producers trained in accessing and using loans | - | 756 |



From left to right: jalapeño crop in Talanga ready for harvest; an MCA-H/EDA agronomist reviews a farmer's fertilization program in Siguatepeque; celery is produced in plastic tunnels in Tegucigalpa.

ACTIVITIES RELATED TO SUSTAINABILITY

MCA-H/EDA is committed to the sustainability of commercial production operations and is working to attain continuity of select technical services after the Program ends. MCA-H/EDA has established formal development alliances with the private and public sectors to increase the availability of joint extension services within the private sector and other agricultural businesses. Providers of farm equipment, irrigation systems, seeds, and plantlets have greatly benefitted during the Program's implementation. Their products and services are very important to producer success and have been actively promoted during field activities. Expanding the quantity and quality of private extension services (fees included in the sale price of products) guarantees sustainable growth in sales to the providers. During the final phase of MCA-H/EDA, activities will include established partners and new companies.

Other activities related to sustainability include training of NGO, university, agricultural school, and public-sector technicians, development of technical reference and training materials, equipment donations, mechanisms for alliances, and sharing Program methodology, results and successes. In April 2010 a document was prepared by the Program on sustainability activities and provides details on specific areas that will be included or expanded in the final phase of implementation. Selected areas are included in the Monitoring and Evaluation Plan. Additional activities that took place this month include:

- Distributed 10,000 books, including two course books: technical bulletins for the high-value horticultural sector and technical manuals for fruit and horticultural crop production. The technical manuals and bulletins have been prepared and used during the implementation of MCA-H/EDA, with technology validated and used commercially by Honduran producers. These two course books were developed to fill a void in technical information on commercial horticulture in Honduras. They are based on experience gained in the field by MCA-H/EDA technicians and producers. These publications serve as reference guides and useful tools for current and new producers as well as trainers, extension agents, distributors of equipment, pesticides and services, students, professors, scientists and technicians from institutions that support the country's horticulture sector. The table below shows the distribution of books by organization or institution. Each book delivered includes all the bulletins and manuals.

| Donation beneficiaries | Books delivered |
|---------------------------------------------------------------|-----------------|
| MCA-H / EDA Program producers | 7,266 |
| Technical institutions, schools and agricultural universities | 1,085 |
| Non-governmental organizations | 580 |
| Government organizations | 405 |
| Equipment and input providers | 250 |
| Distributors, processors and exporters | 97 |
| Others (including financial service providers and libraries) | 317 |

- **Use of text messages to send reference market prices to producers:** MCA-H/EDA signed two inter-institutional agreements, one with Feria del Agricultor (Tegucigalpa) and the other with Fundación BANHCAFE, through which a local cellular phone service provider will send reference market prices to producers. At present 3,000 producers receive this service via MCA-H/EDA – 300 Feria del Agricultor partners and 700 clients from Fundación BANHCAFE. In turn Feria del Agricultor distributes sale prices to consumers of 67 different products including fruit, vegetables, seafood and dairy products. Through this service Fundación BANHCAFE distributes market prices to producers of 50-pound onion bags, potatoes per pound, carrots per 100 pounds, peppers in units of 100, pear-type and salad tomatoes per pound, plantain per 100 units, cucumber per pound, cabbage and cassava per pound.
- In order to develop alliances with local partners to provide sustainable market information services, a training event was held for SAG (PRONAGRO, Agronegocios, SEDUCA, Infoagro, DICTA, UPEG and regional offices) technicians on marketing, market information and tendencies (with IICA). Two more agreements will be signed in November.
- Installed "electronic agronomist" files on 6 computers at 6 agricultural schools. To date the files have been installed at 14 organizations on 54 computers.



An agronomist demonstrates how to check for pests and diseases, El Paraiso.



Producers receive training on planting distances and transplanting plantlets, La Paz.



Producers learn how to use markers and transplant onion seedlings, El Paraiso.



Technicians and producers learn how to develop fertilization plans, Olancho.