

Department of Agriculture

Budget Accountability Report #1 (Physical Report of Operation)

For the Second Quarter of 2014

Agency: Philippine Center for Postharvest Development and Mechanization (PHilMech)

Found source: Regular

KEY OR MAJOR PROGRAMS/ PROJECTS	MAJOR FINAL OUTPUTS (MFO)/ Performance Indicators (PIs)		Unit of Measure	PHYSICAL		REMARKS
				Rapid, Inclusive and Sustained Economic Growth		
				Target	Accomplishment	
Part A						
Operations						
Research, Development and Extension Programs on Mechanization and Postharvest Generation and Dissemination of Postharvest Technologies for Grains and Commercial Crops	MFO 1	Agriculture and fishery support services delivered				
	1.5	Other infrastructure and postharvest development services				
		Postharvest research and development activities conducted				
		Continuing (on-going and continuing activities)	no. of continuing projects conducted	(16)	(16)	
					1. Evaluation of Cooking Qualities and Sensory Attributes of Parboiled Rice	
					2. Utilization of Biodegradable Composites Material in the Production of Fruit Bag	
					3. Ohmic Blanching of Selected Fruits and Vegetables	
					4. Utilization of Coconut Water Extracted from Matured Coconut	

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				5. Utilization of Onion Solid Waste as Feedstock for Biogas Production (Phase I)		
				6. Development of a Pilot-Scale Processing System for the Production of Pectin from Mango Peels		
				7. Development of Web-based System and On-line Identification of Insects in Grains		
				8. Influence of Trichoderma Sp. In Preventing Postharvest Diseases in Shallot and Bulb Onions		
				9. Design and Development of Cassava Harvester		
				10. Toxigenic Potential of Fungal Species of Coffee Beans in the Philippines		
				11. Non-Chemical Approaches for Managing Postharvest Diseases of Tropical Fruits (Module 4-Papaya)		
				12. Identification of Wolbachia Endosymbionts in Storage Population of Philippine Psocids and Mites		

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				13. Benchmark Studies on Postharvest Handling of Major Lowland Vegetables (a) tomato and bitter gourd ; b) sweet potato and eggplant) 14. Establishment of benchmark information on postharvest and Mechanization of high value crops (aka Benchmark Studies: banana and onion) 15. Cataloguing of Fungal Cultures and Collection 16. Implementation of Quality Control Procedures in Microbiological Laboratory		
	Postharvest related information and communication technology activities conducted (e.g. information system/database developed / maintained . Enhanced, website maintained, ICT facilities upgraded or maintained)	no. of PH related information and communication technology activities	(4)	(4) 1. Designs, implements and continuously improves information system plan (ISP) that will support the information needs of PHilMech 2. Information Systems Management and Development in support to research, development and extension		

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				3. Regular maintenance of computer hardware and accessories, local area network, information systems, internet services including website, mails, and communication facilities		
				4. Provision of technical assistance internally and externally on geographic information system, database management expert and decision system development and other related computer applications		
	1.6 Extension support, education and training services					
	<u>On production and post-production technologies</u>					
	Participants/ Extension Personnel Trained	total no. of participants		390	576	
	Female	no. of participants		120	232	
	Male			270	344	
	Training and training-related activities /events conducted	total no. of training & training related events				

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		Training of Trainers (TOT) conducted:	no. of training course	1	3	
		Other training-related activities conducted:	no. of training-related activities conducted		3 batches of Skills Training on the Operation, Maintenance and Management of the Tramline System (conducted on March 28, April 23 and 24, 2014) with a total of 68 participants	
				0	9	
				1 - Skills training on the Evaluation of Selected Agri-Machineries; May 5-9, 2014 @PhilMech Training Hall, Nueva Ecija		
					1 - Training Course on Agricultural Mechanization and PHT for SUCs. April 1-3, 2014, Davao City	
					1- In-house Training of Philippine Technology Transfer Act of 2009 & Technology Disclosure and Basic Patent Drafting; April 29-30, 2014, PhilMech, Nueva Ecija	
					1 - Techno Talakayan on Mechanization & Postharvest (Anniversary) May 27, 2014 at PhilMech Training Center, Science City of Muñoz, Nueva Ecija	

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				<p>1 - Farmer Technologists (FTs) assessment workshop re Rice Mech Facilities May 20-23, 2014, at PHilMech, Nueva Ecija</p> <p>1- Alarcio Rice Mill, Laoac Pangasinan, on Needs Assessment April 10, 2014 at PHilMech Executive Lounge</p> <p>1 - Agricultural Rental Machine for Local Economy Development (ARMLLED), there was training Needs Assessment meeting on April 10, 2014 at PHilMech Executive Lounge.</p> <p>1 - Technical assistance to officers and members of the Bekkel Coffee Growers Association in La Trinidad, Benguet was provided on April 3-4, 2014. Replacement of worn-out rubber roll of the Coffee Ruber Huller</p>		
				<p>1 - Technical assistance for the users of PHilMech Coffee pulper in Sagada Mt. Province was provided on April 1-2, 2014. Replacement of worn-out rubber-bib of Coffee pulper</p>		
		Others (specify)				

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		Writeshop/Faculty Meeting conducted	no of meetings	2	2	
					Conducted faculty meeting on March 17, 2014 and on April 2, 2014; with a total of 16 participants	
		Technical assistance provided to requesting agencies	no. of technical assistance	4	8	
					1 - provided technical expertise on pinawa rice mill operation during monitoring with NOAB	
					1- tested and inspected facilities in organic agriculture	
					1- acted as resource person during meetings on OA	
					1 - conducted briefing of PHilMech NOAP implementation to interested farmers associations	
					provided technical assistance (4x) to the project collaborators in the regional implementation of DA Rice Mechanization and Postharvest Program thru procurement, testing, evaluation, and debugging of rice mech facilities)	

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		National Consultation on the implementation of rice mechanization and organic agriculture programs	no. of consultation	1	1	The master plan for all commodities was prepared to be used as input for the national consultation for rice and organic agriculture to be conducted next semester
		Conduct of techno-demo	no. of techno demo	4	5	
					a) MCSTD- May 8, 2014 Del Carmen, Surigao del Norte; b) MCSTD – May 6, 2014 Tagbina, Surigao del Sur; c) Cassava Digger and Village-type Corn Mill (Manufacturers & MSC faculty) June 4, 2014 Boac, Marinduque ; d) Cassava Digger and Village-type Corn Mill (DA-RFOIVB,PLGU,MGU) June 5, 2014 Boac, Marinduque	
					e) MCSTD;April 4, 2014; CocoaPhil, Davao City	
	Information, Education and Communication Developed/ Disseminated					
	Print		no. of copies developed/ disseminated	14,100	14,190	
					5,000 -Technokit with technoflyers	
					3,000 - Newsletter First Qtr	
					1,000 - Annual Report (on press)	

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					1,000 – Infokit	
					1,000 - Technical Bulletin	
					3,000 - PH Notes	
					120 - Materials printed during exhibits	
					70 - Techno banners	
		Audio-visual media	no. of copies	3	3	
		Radio programs /TV plugs/Jingle	no. of radio promotions aired	5	10	
	Advertisement published	no. of ads	2	1	sponsorship did not materialize	
	Others (specify)					
	Electronic media		44	150		
	Extension-related research and					
		Continuing (on-going and continuing activities)	no. of projects	2	2	
					1. Development of Micro Enterprises using the MCSTD 2. Intensifying the Promotion and Adoption of PHilMech Generated Technologies	
	Extension-related Information and Communication	no. of ICT activities conducted	1	(1)		

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		Technology (ICT) conducted (e.g. information system/database developed, ICT facilities upgraded/maintained, OPAPA)			'GIS-Based Decision-Support System for Postharvest Development and Mechanization	
		Provision of farm machinery and postharvest equipment/facilities necessary for Organic agriculture	no. of postharvest facility provided	5	1 pinawa rice mill (for bidding)	Reasons for non-delivery of phf for organic agriculture: a) the purchased two(2) units refrigerated truck did not pushed through, the project implementers were informed that such purchase and its eventual granting to its intended beneficiaries will not be approved by DBM. Replacement facilities were already revised and planned and targetted for implementation on the 2nd semester; and

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						b) the proponent encountered delay in the procurement process for the upgrading of ten(10) units existing brown rice mills because during the pre-procurement conference, the implementers were advised by the BAC and TWG to revise the minimum specifications. To ensure that the most appropriate specifications will be prepared and submitted, the proponent reviewed and consulted with rice mill experts thus, the target implementation for these facilities were moved to second semester.
		Construction/upgrading of the tramline systems	no. of tramline systems constructed/ upgraded	2	3	Tramline units established at Dolores, Quezon, Tublay, Benguet and Barotac Viejo, Iloilo

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Support to Operations						
	MFO 3	Plans and Policies Developed, Implemented, Monitored and Evaluated	no. of national ariculture and fishery plans formulated and distributed	1	1	
					Plan and Budget Proposal 2015	
			no. of Monitoring and Evaluation Reports (by type) disseminated	4	8	
					1. PHilMech's Report re SONA Technical Report on PH Support on Agri and Fishery Updates as of May 2014 (June 13, 2014)	
					2. PHilMech's Updating/ Clarification on the PH Support on Agri and Fishery Updates as of February 2014 (June 9, 2014)	
					3. PHILMECH 1st Quarter Accomplishment on Climate Change for ATI (May 15)	
					4. PHilMech Accomplishment re IRR of AFMA (April 30)	
					5. PHilMech's CY 2014 1st Quarter Highlights Of Accomplishments for DA-PMED - (Matrix) (April 29)	
					6. PHilMech Projects in Tarlac (April 24)	

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					7. PHilMech's 2014 1st Quarter Accomplishment for DA-PMED Matrix (April 8)	
					8. Proposal and letter for BAR re: PHilMech AIHR 2014 Grant (April 2)	

Prepared by:

Approved by:

NORMITA A. PASALO, PhD
Chief, Planning Management and Information Technology Division

REX L. BINGABING
Director IV