

Tier 1

Agency: Bureau of Plant Industry - Davao National Crop Research, Development and Production Support Center

UACS	PROGRAMS/ACTIVITIES/ PROJECTS	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	High Value Crops Development Program							
	Production Support Services							
50200000-00	A. Production of lowland vegetable seeds produced for bufferstocking	280 kgs of lowland vegetable seeds for bufferstocking will be produced.	Regionwide		Volume (kgs) of seeds produced	650	GAA - HVCDP	
	B. Production and Distribution of High Quality Planting Materials of Tropical Fruits and Plantation Crops							
50200000-00	1. Banana	11,500 pcs of tissue cultured banana plantlets will be produced for distribution.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	290	GAA - HVCDP	
50200000-00	2. Durian	3,500 pcs of durian planting materials will be produced for distribution.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	210	GAA - HVCDP	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	3. Cacao	3,750 pcs of cacao planting materials will be produced for distribution.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	130	GAA - HVCDP	
50200000-00	4. Coffee	7,000 pcs of coffee planting materials will be produced for distribution.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	180	GAA - HVCDP	
	C. Maintenance of Production Facilities							
50200000-00	1. Greenhouse	1 greenhouse will be maintained to support the production of clean banana planting materials.	Davao City	3rd District	Facilities maintained	200	GAA - HVCDP	
50200000-00	2. Screenhouse/nethouse	18 screenhouses will be maintained for R & D use and in support to production of planting materials.	Davao City	3rd District	Facilities maintained	900	GAA - HVCDP	
50200000-00	3. Nursery	4 plant nurseries will be maintained.	Davao City	3rd District		600	GAA - HVCDP	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	4. Seed Storage	1 seed storage will be maintained.	Davao City	3rd District	Facilities maintained	250	GAA - HVCDP	
50200000-00	5. Tissue Culture Laboratory	1 Tissue culture laboratory will be maintained.	Davao City	3rd District	Facilities maintained	200	GAA - HVCDP	
50200000-00	6. Foundation Scion Grove	4 foundation scion grove of NSIC registered tropical fruit trees will be maintained.	Davao City	3rd District	Facilities maintained	600	GAA - HVCDP	
50200000-00	7. Clonal Garden	2 clonal gardens for cacao and coffee will be maintained.	Davao City	3rd District	Facilities maintained	300	GAA - HVCDP	
50200000-00	8. Budwood Garden	1 rubber budwood garden will be maintained.	Davao City	3rd District	Facilities maintained	150	GAA - HVCDP	
	Total for HVCDP					4,660		
	Corn Program							
50200000-00	1. Production and distribution of seeds of Open-pollinated Variety of Corn	4800 kgs of OPV-white corn will be produced for distribution	Regionwide		Volume (kgs) of seeds produced Volume (kgs) of seeds distributed	800	GAA -Corn Program	
50200000-00	2. Production of cassava planting materials in support to Corn program	13,000 pcs of clean cassava planting materials will be produced for distribution.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	300	GAA -Corn Program	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	Total for Corn Program					1,100		
	Rice Program							
50200000-00	1. Maintenance of storage facility	This will serve as storage facility for the center's produced.	Davao City	3rd District	Facilities maintained	500	GAA - Rice Program	
	Total for Rice Program					500		
	Organic Agriculture Program							
	Production Support Services							
50200000-00	1. Production and distribution of organic planting materials	Organic planting materials of durian (3000 pcs), pummelo (500 pcs) & cacao (3500 pcs) will be produced and distributed.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	420	GAA-NOAP	
50200000-00	2. Production and distribution of organic seeds of OPV corn	1000 kgs of organic seeds of OPV-white corn will be produced and distributed.	Regionwide		Volume (kgs) of seeds produced Volume (kgs) of seeds distributed	200	GAA-NOAP	
50200000-00	3. Production and distribution of organic vegetable seeds	147 kgs of different organic vegetable seeds will be produced for distribution.	Regionwide		Volume (kgs) of seeds produced Volume (kgs) of seeds distributed	460	GAA-NOAP	
50200000-00	4. Production and distribution of biological control agents (BCA)					660	GAA-NOAP	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
	- <i>Chilocorus nigrita</i>	6400 adults of <i>C. nigrita</i> will be produced and distributed for the control of scale insects.	Regionwide		Volume (pcs) of adults produced Volume (pcs) of adults distributed			
	- <i>Chilocorus circumdata</i>	3600 adults of <i>C. circumdata</i> will be produced and distributed for the control of scale insects.	Regionwide		Volume (pcs) of adults produced Volume (pcs) of adults distributed			
	- <i>Trichoderma harzianum</i>	2400 bags (@400 gms/bag) of <i>T. harzianum</i> will be produced and distributed for the control of <i>Foc</i> .	Regionwide		Volume (packs) produced Volume (packs) distributed			
	- <i>Beauveria bassiana</i>	400 packs (@ 100 gms/pack) of <i>B. bassiana</i> will be produced and distributed for the control of plant pests and diseases.	Regionwide		Volume (packs) produced Volume (packs) distributed			
	- <i>Metarhizium anisopliae</i>	400 packs (@100 gms/pack) of <i>M. anisopliae</i> will be produced and distributed for the control of plant pests and diseases.	Regionwide		Volume (packs) produced Volume (packs) distributed			

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	5. Production and distribution of botanical plants	1000 pcs of planting materials of different botanical plants will be produced and distributed for the control of plant pests and diseases.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	200	GAA-NOAP	
50200000-00	6. Maintenance of organic site	1 organic site maintained showcasing different organic production technologies.	Davao City	3rd District	Area (has.) maintained	800		
	Extension Support, Education and Training Services							
50200000-00	1. Training	4 trainings on organic production technologies will be conducted.	Davao City	3rd District	- Rate of adoption & commercialization of technologies developed	300		
50200000-00	2. IEC Materials Dissemination	600 printed copies of leaflets and brochures on organic crop production system for durian and cacao will be distributed.	Regionwide		- Rate of adoption & commercialization of technologies developed	60		

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	3. Maintenance of techno-demonstration farm	1 organic techno-demo farm will be maintained.	Davao City	3rd District	- Rate of adoption & commercialization of technologies developed	300		
	Total for Organic Program					3,400		
	CORE PROGRAM							
	Production Support Services							
50200000-00	1. Production and distribution of indigenous vegetable seeds	5 kgs of indigenous vegetables seeds will be produced for distribution.	Regionwide		Volume (kgs) of seeds produced	32	GAA	
50200000-00	2. Production and Distribution of High Quality Planting Materials of Tropical Fruits and Plantation Crops	Planting materials of banana (6000 pcs), durian (700 pcs), abiu (100 pcs), lanzones, 700 pcs), mango (300 pcs), mangosteen (400 pcs), rambutan (300 pcs) and cacao (1500 pcs) will be produced and distributed.	Regionwide		Volume (pcs) of planting materials produced Volume (pcs) of planting materials distributed	380	GAA	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	3. Production and Distribution of Mushroom Cultures	400 bottles of planting materials of oyster mushroom cultures will be produced and distributed.	Regionwide		Volume (bottles) of planting materials produced Volume (bottles) of planting materials distributed	50	GAA	
50200000-00	4. Maintenance of Scion Garden/Grove	6 scion groves of tropical fruit trees maintained as sources of scion materials for the propagation of high quality planting materials.	Davao City	3rd District	Facilities maintained	300	GAA	
Research and Development								
50200000-00	1. Collection, conservation, characterization, evaluation and utilization of bananas and plantains	This will identify potential banana and plantain varieties.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	350	GAA	Continuing

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	2. Collection, conservation, evaluation and utilization of fruit germplasm	This will identify outstanding fruit varieties.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	350	GAA	Continuing
50200000-00	3. Developing resilience for climate change in the Philippines through permaculture	This will build resilience for crops to adapt to climate change.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	300	GAA	Continuing

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	4. Evaluation of Different Basils as Attractant to Male Fruit Flies	This will identify effective species of basil that attract male fruit flies.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	200	GAA	New PAP
50200000-00	5. Molecular Detection of Phytoplasma causing Witches broom on Cassava through Insect Vectors	This will identify vectors of Cassava Witches' Broom	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	300	GAA	New PAP

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	6. Collection, conservation, characterization and evaluation of coffee and cacao	This will identify superior variety of coffee and cacao.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	320	GAA	New PAP
50200000-00	7. Utilization of Leaves Different Types of Banana into value-added products	This will identify the types of banana which leaves could be best utilized into value-added products.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	250	GAA	New PAP

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	8. Evaluation of Different Commercial Organic Foliar Fertilizers on the Growth Performance of Durian and Pummelo	This will identify the most efficient commercial organic fertilizer for durian and pummelo.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed - Number of scientific articles/journals published by Filipino authors	300	GAA	New PAP
	9. Upgrading and Maintenance of R & D Facilities							
50600000-00	9.1 Upgrading of Biological Control Laboratory	This will enhance production of biological control agents against plant pests and diseases.	Davao City	3rd	- Number of Tech4Ed/R&D laboratories/facilities established	2,000	GAA	
50200000-00	9.2 Upgrading of BPI-Davao's Mushroom Techno Growing House and Laboratory for the Enhancement, Promotion and Commercialization of Mushroom	This will ensure sustainable supply of quality mother and spawn cultures of mushroom in Davao Region.	Davao City	3rd	- Number of Tech4Ed/R&D laboratories/facilities established - Rate of adoption & commercialization of technologies developed	500	GAA	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	9.3 Renovation of BPI-DNCRDPSC's Guest Houses and Dormitory	Three guest houses and 1 dormitory will be renovated to give comfortable lodging houses to visitors and farmer-participants of trainings conducted at the center.	Davao City	3rd	- Number of Tech4Ed/R&D laboratories/facilities established	1,700	GAA	
50200000-00	9.4 Upgrading and Maintenance of Farmers' Pavillion	This will serve as venue for the promotion of updated agricultural technologies to farmers.	Davao City	3rd	- Number of Tech4Ed/R&D laboratories/facilities established - Rate of adoption & commercialization of technologies developed	1,000	GAA	
	Technology Promotion							
50200000-00	1. Maintenance of technology demonstrations on different crops.	1 technology demonstration farm will be maintained.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed -	160	GAA	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	2. Conduct of Techno-forum	A techno-forum on updated crop production technologies will be conducted.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed -	50	GAA	
50200000-00	3. Conduct of Farmers' Field Day	A farmers' field day showcasing different production technologies will be conducted.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed -	100	GAA	
50200000-00	4. Distributes IEC materials on various technologies.	1000 printed copies of production guides on different fruit crops will be distributed.	Regionwide		- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed -	35	GAA	

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			PROVINCE	CONGRESSIONAL DISTRICT		2020		
50200000-00	4. Conduct of training	Trainings on mushroom cultivation and plant propagation and nursery management will be conducted.	Davao City	3rd District	- Number of R&D/S&T projects funded and implemented - Rate of adoption & commercialization of technologies developed -	60	GAA	
	<i>Total for Core Program</i>					<i>8,737</i>		
	GRAND TOTAL					18,397		

Tier 2

Agency: Bureau of Plant Industry - Davao National Crop Research, Development and Production Support Center (BPI-DNCRDPSC)

UACS	PROGRAMS/ACTIVITIES/ PROJECTS	BRIEF PROGRAM/ PROJECT DESCRIPTION	SPATIAL COVERAGE		RDP RESULTS MATRIX (RM) INDICATOR ADDRESSED	INVESTMENT TARGETS (IN PHP'000)	SOURCE OF FUNDS	LEVEL OF READINESS	REMARKS
			PROVINCE	CONGRESSIONAL DISTRICT		2020			
50600000-00	Upgrading of 4,050 LM Concrete Perimeter Fence and 405 LM Frontage Fence of BPI-DNCRDPSC, Bago Oshiro, Davao City	This will upgrade the center's perimeter fence for the protection of its plant genetic resources, research and production areas.	Davao City	3rd District	Facilities upgraded	27,500	GAA	With RDC XI endorsement for 2019 and repropoed for 2020	Not approved for 2019 New PAP
50600000-00	Upgrading of Farm Shed of BPI-DNCRDPSC, Bago Oshiro, Davao City	This will upgrade the center's farm shed to keep and protect its farm machinery equipments.	Davao City	3rd District	Facilities upgraded	1,200	GAA	New proposal	New PAP
50600000-00	Procurement of Hauling Truck	This will procure a hauling truck for research and production purposes.	Davao City	3rd District	Facilities procured	1,500	GAA	New proposal	New PAP
50600000-00	Procurement of Solar Panel	2 units of solar panels will be procured to minimize use and reduce cost of electricity.	Davao City	3rd District	Facilities procured	1,600	GAA-HVCDP	New proposal	New PAP
50600000-00	Procurement of Solar Dryers	5 units of solar dryers will be procured for seed and bean processing.	Davao City	3rd District	Facilities procured	500	GAA-NOAP	New proposal	New PAP
TOTAL						32,300			