

2005-2007 INTERVENTIONS FOR THE COCONUT & COCONUT-BASED CLUSTER

Product/ Commodity	Goals	Objectives	Interventions/ Strategies Needed	Metrics / Verifiable Indicative Source	Time Frame	Accountable Agency	Status	Accomplishments	Remarks/ Next Steps
Coconut	Increase coconut production Benchmark production of copra & other derivatives.	Motivate farmers to replant in at least 2 LGUs (as pilot project)	Continue to provide incentives to farmers.	Additional 800,000 farmers enrolled for insurance policy.	2005-2006	PCA			Financial scheme being worked out.
		Increase farmers income by 20% through introduction of field based processing technologies.	Fertilize 1,134 has.	1,134 has. to be fertilized.	On going	PCA, DOST, private sector		33,207 has.fertilized	
		Introduction of semi-integrated coconut processing.	Adopt farm technologies for coconut derivatives.	Farm technologies introduced.	Continuing	PCA			
			Replant in 12,270 has. using hybrid & local synthetic varieties.	12,270 has. replanted	Continuing	PCA		Replanted 44,228 has.	

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			Establish coconut sub-clusters with active private sector participation.	sub-clusters established	Continuing	PCA & sub-clusters			
			Establish seed gardens.	1SG/province or 68 seed gardens	On going	PCA, LGUs		2 SG established(Pili Cam. Sur & San Enrique, Iloilo) & 4 provincial SG established.	
			Provide micro-financing credit programs.	180,000 farmer beneficiaries	On going	UCPB, QUEDANCO R, etc.		101,000 farmer beneficiaries since the program inception	79,000 for additional farmer beneficiaries.
Copra/Copra Meal	Improve quality of copra	Identify the available dryer which meets the farmers standards. To reduce aflatoxin level	Set standards for dryers. Blacklist unscrupulous traders. Introduction of quality copra	1 in Luzon 1 in Visayas 1 in Mindanao 20 ppb acceptable	2005-2006 On going	PCA, DOST PCA, DOST, LGUs, Cargill PCA, DOST, LGUs, Cargill			To start implementation of Copra Dryers assistance.

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		& PAH	dryers. Copra quality improvement program (CQIP). Establishment of quality control mechanisms in copra trading centers. Testing & evaluation of ITDI fast dryer.	aflatoxin level No. of participating sectors/farmers Standard quality management systems (including code of practice) Performance evaluated.	 On going On going	 PCA, DOST, LGUs, Cargill DA, PCA, DOST		CQIP initiated in Region 12	Cooperatives to be identified. Guidelines and MOA with Cargill and farmers prepared.
Coconut Oil	Increase exports from 1.74M MT to 3.8M MT	Initiate development of at least 1 new application.	Develop 1 new application of coconut oil.	1 new application developed.	2006	PCA, NNC			

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	Make coconut oil competitive with other vegetable oils.	<p>Continue promotion of awareness of application of health benefits.</p> <p>Increase export volume of lauric fatty acid-rich oil.</p>	<p>Continuous initiation of scientific studies to support the nutritional value of coconut oil & its derivatives.</p> <p>Aggressive promotion of awareness of superior qualities of coconut oil to counter threat from other alternative sources of fats and oil.</p> <p>Market research on alternative uses of coconut oil.</p>	<p>Scientific studies made.</p> <p>Double the present share of coconut oil (4.77%, Oil World 2000) in the world market.</p>	<p>Continuing</p> <p>On going</p> <p>On going</p>	<p>PCA, NNC</p> <p>DA-PCA, DOST, DOH, Media, SCUs</p> <p>DA-PCA, DOST, DOH, Media, SCUs</p>		<p>Advocacy on health benefits of CNO-position paper prepared by NAST), press releases, promotion, books written by Dr. Fife and others.</p>	
Coco Bio-Diesel	Use of 1% coconut methyl ester	Determine the logistical requirements	Creation of a technical Working Group	Inter-agency & Multi-sectoral team	2006	PCA, other agencies.		A waste-water facility has been designed and completed February	

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	Utilization of CME as biofuel in compliance with Clean Air Act.	for further studies on the use of coco bio-diesel & ethanol. Use CME as fuel enhancer only due to high cost of CME production.	studies for the project. Promotion of the use of CME as fuel enhancer.		On going	DA-PCA, DOST, SCUs, POMA, GFI, UCAP, BOI, Private sector			
Coco-Coir (Geo-Textile)	Standardize geo-textile (coconut-coir) processing equipment. Produce quality coir.	Upgrade technological capabilities of coco-coir equipment/manufacturers. To develop/improve low cost and efficient	Provide consultancy & training to identified geo-textile (coco-coir) manufacturers. Signing of the PCA-MIRDC-DOST-MOA for consultancy. Assessment, improvement & dissemination of processing	Fabricated equipment	2006 On going	MIRDC-DOST DA-PCA, PHILCOIR, DTI-BPS, DOST		Developed draft national quality standards for coir. Truck-mounted and animal-drawn mobile	

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		coir processing equipment	<p>technologies.</p> <p>Pilot scale production of coco coir binderless board. Fabrication of low-cost equipment for coir processing.</p> <p>Techno-demo on soil erosion control and environmental management using coco coir based products.</p>					decorticating machines being field tested in Bondoc Peninsula.	