

SCN Working Group on Micronutrients: Information Sharing Template for 2006 and Earlier Activities

Table 1: Demographic Information

Reporting Individual	Pattanee Winichagoon
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Position	Deputy Director
Major focus of activities	Research
Summary of activities	Bioavailability of micronutrients among women having hemoglobinopathy, vitamin A deficiency, fortified complementary foods, dietary diversification.

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Table 3: Food Fortification

Geographic area(s) covered by this table	Country (Thailand)														
Project Name	Development of micronutrient fortified condiments, oil and complementary foods														
Supporting Agencies	Private industry														
	Micronutrients														
	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E
<u>Commodities</u>															
Salt	X														
Cooking Oil						X									
Complementary food		X	X	X	X	X					X				
Fish Sauce	X	X													
Other (list) seasoning mix of instant noodle	X	X				X									
<u>Activities</u>															
<i>Policy and Advocacy</i>															
1. Plan and activities for IDD and iodized salt by National IDD Control Board:															
1.1 national four year plan (2007-2010) have been formulated. In 2006															

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1.2 sensitizing policy makers, 1.3 National IDD day, 1.4 Mass campaigns (e.g., iodine and link to IQ, use of iodized salt , cooking contests) 2. National Fortification Committee	X	X					X											
Marketing Support	X	X					X											
1. Fortified fish sauce is now available in a supermarket chain, which have he branches throughout the country, two domestic company, which have distribution outlet throughout the country, and one of the domestic manufacturer also export this goods. 2. Instant noodle with fortified iron, iodine and vitamin A have been continued for popular flavors which make the sale.																		
Provision of Fortification Supplies	X																	
1. MOPH supported free KIO3 2. Discussion to establish revolving funds for KIO3 with private sector (by Ministry of Public Health)																		
Fortification Monitoring and Evaluation	X																	
Monitoring of salt and UIE by Ministry of Public Health																		
Quality Assurance/ Quality Control for fortified foods	X																	
MOU with private salt producers for establishing quality assurance system by Ministry of Public Health																		
Fortification project size																		
National/Regional Program	X																	
Targeted Fortification																		
Commercial complementary foods																		
Complementary food product is being developed (see above) with a private factory. Stable isotope study to select best bioavailable iron, once completed, private industry will produce for commercial scale and distributed in the existing distribution channel.																		

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Table 4: Vitamin and Mineral Supplementation

Geographic area(s) covered by this table	National																								
Project Name	Iron and multivitamin supplementation for pregnant women																								
Supporting Agencies	Ministry of Public Health																								
Approximate # of subjects or beneficiaries for each project described	All pregnant women (approx. 800,000/yr)																								
	Micronutrients																								
	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E										
Activities																									
Prevention Program																									
Prenatal services																									
	National/Regional Program														X										
	1. Iron and multivitamin supplementation for pregnant women at all prenatal care services. 2. Monitoring of anemia in schools with access to hospital for blood checking. Weekly iron supplementation to school where prevalence of anemia is high – e.g. schools along the borders and in remote area. 3. Iron syrup (daily for 3 mo) for young children at day care center, for malnourished preschool children or if anemia is identified. On-going activity in the public health system and community.																								
Supplement's Primary Distribution																									
	Through Public Channels															X									
	Free/low charge Prenatal iron and multivitamin supplementation for pregnant women throughout pregnancy at all public hospital and health center																								
Supplementation Targeted Groups																									
	Pregnant women																								
	Iron and multivitamin																								
	Children 2 – 5 yrs of age																								
	Children in daycare centers (which exist throughout the country).																								
	Children in school																								
	Children in schools where selected for surveillance of anemia.																								

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Table 5: Dietary Diversity to Improve Micronutrient Nutrition

	Micronutrients														
	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E
Activities															
<i>Agricultural Initiatives</i>															
<i>Crop breeding</i>		X		X											
High iron and zinc rice – white rice and colored rice															

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Table 7: Any *other* activities associated with each micronutrient(s)

Activities															
<i>Research</i>															
1. Multi fortified biscuit to ARV treated HIV/AIDS patients is to be launched in first quarter of 2007															
2. Dietary intakes (macro and micronutrients) of HIV/Aids children in an orphanage –(INMU and Thai Red Cross, under TACHIN project supported by AUSAID.) Further study on micronutrient status and lipid profiles are being planned, and to be implemented in the first half of 2007.															