



# **Infant Food Project**

## **Save the dying NK babies**

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The Burnaby Metro Town Rotary Club

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# Thought for the Hungry Children in NK

Behind the world media,

1. the people of North Korea suffer from famine in silence,
2. food shortages approach one million metric tons every year,
3. millions suffer from starvation and chronic malnutrition,
4. mortality of young children under 6 years of age is 39% - unprecedented,
5. an entire generation will be lost unless immediate action is taken
  - I am committed to raise fund to save some of those dying children.
  - **All it takes is a mere 15 cents per child per day.**
  - **These money is** not only to keep them alive, but also many of them if not all will recover from near-death malnutrition to a normal human being. Giving is love in action. Let us have mercy on these children. All it takes is a mere 10 cents per child per day. Your love action is just in a phone call away (604-805-3041) or an email ([jssim@ualberta.ca](mailto:jssim@ualberta.ca)).

# YUST Teaching Mission in China



Jeong, a Rotarian has been teaching Food Nutrition At Yanbian University of Science and Technology (YUST) In China since his retirement from University of Alberta in 2006. YUST is located in Yanji city near to NK boarder.





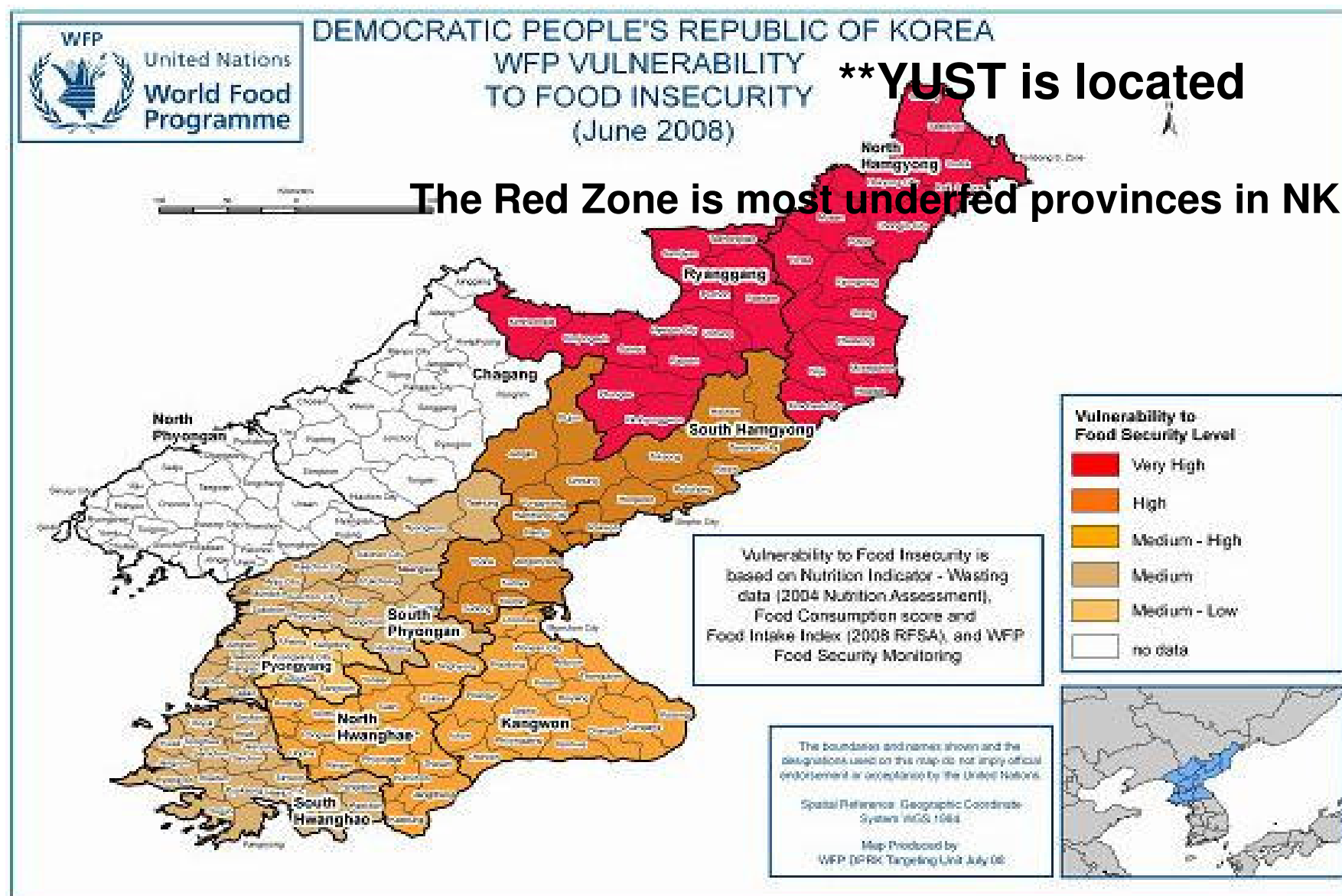


We find ourselves arriving in NK, the most infamous communist country in the world. We had a strange feeling that this is a miracle. Sure it is God's plan. We should not miss this opportunity to win hungry souls in this unusual part of the world. This is a mission work by means of Education.

Joo and Jeong were invited to participate In the opening ceremony of PUST held in PyungYang September 16-17, 2009.



# WFP Report on NK Food Situation



# Feed N.K Children Project

These children deserve to be fed to grow.  
Their country can not provide food to them.



# **We can save them if we act early enough**



**It looks little too late.  
No matter how late it is,  
Still they need to be fed.**





# Surviving Heros



Hungry children are waiting for meal time.

Three decent warm meals cost a Canadian dime.







Wooamri-home, the second children's home is Completed and in operation since September 2009. This building has been financed jointly by Rebman Christian Foundation, Alberta wild Rose Foundation and Edmonton Rotary Clubs.



Ground breaking was done 2008/04/22

## **NK Food Production / Health Index** **(WFP)**

**6.4 million ton –adequate**

**(UN recommended Requirement)**

**4.3 million ton- no starvation but resulting  
400,000 people under nutrition**

**3.8 million ton – 100,000 deaths by starvation**

**3.3 million tons – 500,000 death by starvation**

**In 2006, only 2.8 million tons of foods produced.**

**More than one million starved to death**

# 98 NK Nutrition Survey Reports by UNICEF and WFP

## **Nutritional Status**

- 62.3 % NK children show malnutrition symptom
- 60.6 % NK children show Undergrowth

## **Nutrient Intake**

- Protein Intake (child/day)- 24 g
  - (Less than 52% of need)
- Energy Intake (child/day)- 1,071 kcal
  - (Less than 65% of need)



# Food Delivery to NK Children's Home (애육원 Compassion House)



Foods are procured in China and Transported to children's home in North Korea by a truck. Plenty food is available but permission To export to NK often has been restrictive.



The first batch of Infant Food was shipped (white boxes). The project since then has been proven promising. It has to be continued.



# Infant formula for NK children

Infant formula, Nutrient mix  
Manufactured and packaged  
In China and deliver to NK.

A package of 2.5kg  
Can feed 16 children.

Costs only **0.57** per child



# Nutrient Contents 일반성분 조성

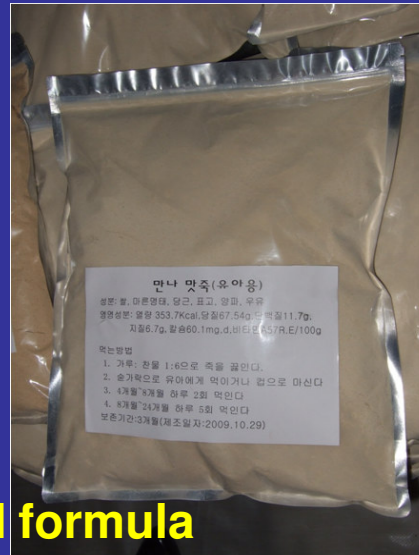
	찐쌀 70%, 마른명태 5%, 당근 5%, 표고 5%, 양파 3%, 분유 10%, 소금 2%	찐쌀 20%, 볶은 옥수수 10%, 콩 20%, 해바라기씨 10%, 분유 30%, 설탕 9%, 소금 1%
	A (맛 죽)	B (미숫가루)
수 분 Mositure	9.12 ± 0.00	4.66 ± 0.04
조단백질 Protein	13.50 ± 0.05	19.43 ± 0.05
조 지 방 fats	1.37 ± 0.09	16.10 ± 0.08
조 회 분 ash	4.30 ± 0.05	3.43 ± 0.02

성분 분석 의뢰기관:부경대학교 식품분석 실험실 사료영양연구소 조윤지 외  
**Analysis was done by Bukyung University food Research Laboratory Seoul Korea**

## Micro Nutrient Contents 비타민A 및 미량영양소

시료명 분석항목	A	B
Ca (%)	0.21±0.00	0.40±0.00
Fe (ppm)	86.18±0.03	1264.91±24.61
Zn (ppm)	19.08±0.07	27.91±0.02
Vit.A (mg/100g)	불검출	불검출

Analysis was done by Bukyung University food Research Laboratory Seoul Korea



## A 영양 맛죽



**Animal protein supplemented formula**



## B 영양 어린이 미숫가루



**High energy formula**





# NUTRITION STANDAD

## (FAO/WHO Recommended)

연령 Age	평균체중 Av. body wt.(KG)	열량요구량 Cal need (Kcal)	단백질기준 protein need (g)
0~4개월 (M)	5.6	500	12(20)
5~11개월 (M)	9.3	750	20
1~3세 (Y)	14	1200	25
4~6세 (Y)	19	1600	30
7~9세 (Y)	27	1800	40

# Conditions considered in developing infant formula

To supply essential nutrients to starving and already malnourished children under 5 years of age. They are most vulnerable group in a food-deprived society like NK

To deliver tailor-made nutrient mix to Chongjin children's home that houses 2,945 children. This institute are staffed with medical doctors who are interested in the study of infant nutrition and recovery from malnutrition. They are very cooperative with us. Follow-up is feasible.

To make sure that the infant formula mix may not be easily misused or sold in the black market, other than feeding the targeted-age group of children in NK

To achieve a cost-effective operation using every possible locally available resources in China-NK

To obey the word "Give ye them to eat"

# Malnutrition Status NK Children Under-5

- GNP < \$755<sup>1</sup>
- Growth Stunting 37%<sup>2</sup>
- Under weight for age 23%<sup>3</sup>
- Population undernourished 33%<sup>4</sup>
- infant mortality rate 42%<sup>5</sup>

1. WHO(세계보건기구) 2000

2. UNICEF 2000

3,4 WFP (세계농업식량기구) 2009

5. UNDP2005

# Local Supply of Food Ingredients in China Side



Chinese market seems overly blessed  
With plenty foods but down south cross the boarder  
Foods are rare commodity— deprived and dried----



# Fund Donation can be made by

1. Writing a Check Payable to NEA Foundation-Canada ( Dr. Sim's Feed NK children)
2. Sending to: NEAF, 67 Scarsdale Rd,  
North York, Ontario M3B 2R2.

This Foundation issues official receipt immediately for income tax deduction.

Inquiry can be directed to Mr. Ki-Hoon Kim, the foundation administrator (e-mail: [neafoundation@gmail.com](mailto:neafoundation@gmail.com) or 1-647-999-9160)

		2400
		91-548/1221
PAY TO THE ORDER OF NEA Foundation-Canada		\$ <input type="text"/>
		DOLLARS
FOR Dr. Sim's Feed NK children		
1221052781	6724301068	2400
Routing Number	Account Number	Check Number