RISK ANALYSIS ON FOOD CONSUMED BY SCHOOL CHILDREN

APEC SEMINAR WORKSHOP ON RISK ANALYSIS FOR APEC MEMBER ECONOMIES MANILA, 22-24 November 2011

INTRODUCTION:
OPERATIONAL DEFINITION

Food Consumed by School Children

Foods which are available at school, sold by street food vendors, school canteen or cafeteria, and commonly consumed by schoolchildren

However, FCSC possess risks due to: (1) nutrient imbalance; (2) the potential usage of illegal chemicals and excessive additives; (3) chemical and microbial contamination, as well as (4) unhygienic practices in producing the foods

INTRODUCTION:
BACKGROUND

Schoolchildren are highly exposed to FCSC.

48% respondents: often buy (4 times/week)
51% respondents: rarely buy (1 times/week)
1% respondents: never buy (N=108,000 respondents, NADFC Indonesia, 2008)

FCSC plays important roles as one of important nutrient sources for schoolchildren, for example they contribute to 36% of energy requirement for schoolchildren (Guhardja et al, 2004)

However, FCSC possess risks due to: (1) nutrient imbalance; (2) the potential usage of illegal chemicals and excessive additives; (3) chemical and microbial contamination, as well as (4) unhygienic practices in producing the foods

FOOD POISONING OUTBREAK IN SCHOOL AND CAMPUS 2007-2010

The percentage food poisoning outbreak in elementary school is the highest (70-79%) compared to that in kindergarten, junior high school, senior high school and campus.

RISK ANALYSIS

Risk Assessment Scientific Based
Risk Management Policy Based
Risk Communication Interactive Information Exchange

**Risk Analysis of FCSC**

- FCSC surveillance and risk assessment increased
- Sampling & laboratory analysis
- Laboratory mobile
- Integrated Food Safety System in Indonesia
- Self-regulatory action

**Risk Management**

**Risk Communication**

**Awareness of School Community**

**Risk Assessment of FCSC**

1. The Development of Exposure Assessment based on Maximum Level (2001)
5. Exposure Assessment of Cyclamates and Benzoate on Schoolchildren in Palembang, Yogyakarta, Banjarmasin, and Makassar (2009)

**The National Movement of FCSC**

- Unsafe FCSC may lead to acute or chronic adverse health effects to the students.
- Several years of exposure assessment was one of the scientific evidences showing that schoolchildren exposed to the unsafe FCSC.
- There were many ministries involved in controlling the safety of FCSC.
- Commitment of competent authorities are necessary to improve the safety of FCSC is necessary.

It is necessary to initiate a clear and systematic plan of action where related authorities may contribute comprehensively and integrated on improving the safety, quality and nutrition of FCSC.

**Vice President’s Messages**

- The responsibility for better next generation lays on current generation.
- Next generation will be the successor of the nations. If the generation is not well prepared, there will be a loss of the nations.
- This National Movement shall be moving on and followed by the National Action of FCSC.
- Vice President is delighted to watch over the implementation of the national plan of action.

**Risk Communication of FCSC**

- Communication, Information and Education: food safety campaign, talkshow, exhibition, mass media, training, participatory multilevel food safety campaign, food safety star award for school canteen
- Food Safety Information Product: posters, brochures, articles, website, animation film, public service advertisement, advertising spot etc.,

**CLUB WEBSITE POMPI**

www.klubpompi.com Contains information of food safety and food safety promotion activities.
APPENDIX 9

12 TITLE THE COMICS POMPI WITH FOOD SAFETY

ANIMATION FILM THE SERIAL AND FOOD SAFETY POMPI

SI POMPI AND "jingle" FOOD SAFETY

POMPI AND PROMOTION FCSC

Terima Kasih
Thank you