

**CONTROLLING OFFICER'S REPLY TO  
INITIAL WRITTEN QUESTION**

**FHB(FE)031**

Head: 49 Food and Environmental Hygiene Department  
Subhead (No. & title):

Question Serial No.

0495

Programme: (1) Food Safety and Public Health

Controlling Officer: Director of Food and Environmental Hygiene

Director of Bureau: Secretary for Food and Health

Question:

Please provide information on the following items mentioned under Matters Requiring Special Attention in 2010-11:

- (a) regarding the commencement of field work of the first Total Diet Study in Hong Kong to assess risks of various food hazards, please provide details, including the scope and directions of the Study, use of Study results, as well as the financial and manpower requirements.
- (b) regarding the pursuance of a new regulation on the control of pesticide residues in food, please set out the types of pesticides covered by the regulation being formulated and the pesticides to be included in future.

Asked by: Hon. LI Fung-ying

Reply:

The information sought is provided as follows -

- (a) Total Diet Study (TDS) is internationally recognised as the most cost-effective way to estimate the dietary intake of various substances including contaminants and nutrients across the total diet for a range of population groups. The Centre for Food Safety (CFS) is conducting the first TDS in Hong Kong to estimate the dietary exposures of the Hong Kong population to a range of substances and assess any associated health risks.

CFS has commissioned the Chinese University of Hong Kong (CUHK) to carry out the fieldwork of the TDS which includes sampling and food sample preparation work, at a contract value of about HK\$1.24 million. CUHK has started the fieldwork in March 2010 for completion in February 2011. CFS would perform laboratory analysis of the food samples collected in the fieldwork of over 110 substances, including persistent organic pollutants, pesticide residues, heavy metals, processing contaminants, mycotoxins, other contaminants and nutrients to estimate the dietary exposures of the Hong Kong population. The

laboratory analysis work would be undertaken by CFS' existing staff. Reports on the TDS will be released by phases starting from 2011.

(b) The proposed regulatory framework covers some 400 pesticides, including commonly used pesticides in the following types:

- organochlorine (有機氯) (e.g. endosulfan (硫丹));
- organophosphorus (有機磷) (e.g. chlorpyrifos (毒死蜱));
- carbamate (氨基甲酸酯) (e.g. carbosulfan (丁硫克百威)); and
- pyrethroid (擬除蟲菊酯) (e.g. cypermethrin (氯氰菊酯)).

Signature \_\_\_\_\_

Name in block letters W H CHEUK

Post Title Director of  
Food and Environmental Hygiene

Date 15.3.2010