SLIM NAU -China 2020

QUESTIONNAIRE

Integrated Human Practices

First of all, we have obtained consent to data collection. Almost every consumer(from all ages) could fill out the survey.

As we said, the survey on consumers is a part of “For Health, For Peasants”. If consumers are concerned about what they eat is contaminated by heavy metals, there will be a greater demand in green heavy-metal-free vegetables than common vegetables. What we wanted to know is **the consumers’ opinions on vegetables contaminated by heavy metals.**

Below you will read how/why the questions are made:

(Notes: "green heavy-metal-free vegetables" in this questionnaire refers to vegetables that are not polluted by heavy metals under the strict production control; "Common vegetables" means vegetables that may have been polluted by heavy metals.)

○means you can choose one only; □means you can choose more than one.

1. Gender

○Male

○Female

2. Age

○ Under 18

○ 19-40

○ 41-60

○Over 60

3. Your area(不能漏)

○North China (Beijing, Tianjin, Hebei, Shanxi, Inner Mongolia)

○Northeast China (Liaoning, Jilin, Heilongjiang)

○East China (Shanghai, Jiangsu, Zhejiang, Jiangxi, Anhui, Fujian, Shandong)

○South-central China (Henan, Hubei, Hunan, Guangdong, Guangxi, Hainan)

○Southwest China (Chongqing, Sichuan, Guizhou, Yunnan, Xizang)

○Northwest China (Shaanxi, Gansu, Qinghai, Ningxia, Xinjiang)

（港澳台)

○Overseas

4. Have you ever been concerned about the local soil heavy metal pollution?

○Yes

○No (Please skip to question 6)

5. What is the extent of heavy metal pollution in your area? （）

○Severe pollution

○More serious

○General

○Mild pollution

○Little

○Don't understand

6. Do you know any way that may cause heavy metal pollution?

□ Mining development

□ Automobile exhaust

□ Pesticide and chemical fertilizer residues

□ Unreasonable emissions from factories

□ Chemical waste

□ Livestock and poultry dung

□ Others\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Have you heard about the following effects on human health that heavy metals may bring about?

□High blood lead will seriously affect the growth and intellectual development of children

□Cadmium will lead to high blood pressure, causing cardiovascular and cerebrovascular diseases, destroy bone calcium and cause renal dysfunction（）

□Chromium will cause limb numbness, abnormal mental

□The brain visual nerve damage is great due to mercury ingested directly into the liver

□60% cancers are related to heavy metals and corresponding toxins

□I've never heard of any of the above

8. Do you know that heavy metals can be gathered in human bodies from soil to table and are difficult to be removed?

○Yes

○No

9. What do you know about the following heavy metal contaminated vegetables? \*

□ Cadmium rice

□ eggplant(contaminated with lead)

□ Lead spinach

□ Cadmium leaves

□ Without any knowledge

10. Do you think it’s easy to eliminate heavy metals gathered in vegetables by washing and cooking?

○Yes

○No

11. How often do you buy vegetables and grain?

○ Almost every day (please skip to question 12)

○ Occasionally (please skip to question 12)

○ Never Bought (please skip to question 14)

12. Which one will you choose, green pollution-free vegetables (the price is higher than ordinary vegetables) or ordinary(common) vegetables?

○Green pollution-free vegetables (please skip to Question 14)

○Ordinary vegetables (Please skip to Question 13)

13. What are the possible reasons that affect your purchase of green pollution-free vegetables?

□The price is high.

□I don’t know which brand is safe, and I am afraid to buy unqualified vegetables.

□I don't care about the difference between them.

□ Other reasons\_\_\_\_\_\_\_\_

14.What is your attitude towards heavy metal pollution in vegetables?

○Very worried, and afraid of threatening health and safety

○A little worried, but not too concerned

○I don't care about it.

15. What do you think of using synthetic biology technology to solve the problem of heavy metals in soil?

○ Very innovative, and it should be greatly developed in the future.

○ A little worried, because there are a lot of uncertainties.

○ Don’t agree, and be worried about its biological pollution.

16. In the future, would you like to choose green heavy-metal-free vegetables that meet a criterion but at a higher price?

○Yes

○No

17. (Optional) If not, could you explain any other concerns besides the price?

(标点)