

The Monitoring Data Application of Pesticide Residue in Edible Agricultural Products

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July 22, 2015

Outline

- **The purpose of monitoring**
 - **The control range**
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 - **Pesticide varieties**
 - **The monitoring data applications**
 - **The source monitoring**
 - **Rotational pesticide application**
 - **GAP reevaluation**
 - **The amendment of MRLs**
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The purpose of monitoring

- **Discover the potential risk, and improve the targeted risk management and source control.**

Provide information for determination of regulation scope, emphasis and mode, as well as for establishment of risk management policy.

The scope of monitoring

□ Pesticide varieties

- The government forbids to use 33 varieties or restricts to use 17 varieties of pesticide.
 - The pesticide varieties with acute toxicity;
 - The pesticide varieties widely needed for sterilization and pesticide.
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The scope of monitoring

□ Edible agricultural products

1. Fresh-eating agricultural products:

- Vegetables, fruits, tea, edible mushrooms, etc.

2. The varieties with a large dietary amount

- Rice, wheat, corn, oil crops, etc.;

□ The scope of monitoring

The main producing areas and planting steps of edible agricultural products.



It makes sure the monitoring so as to trace the sources.

The monitoring data application

□ Provide information for the source monitoring

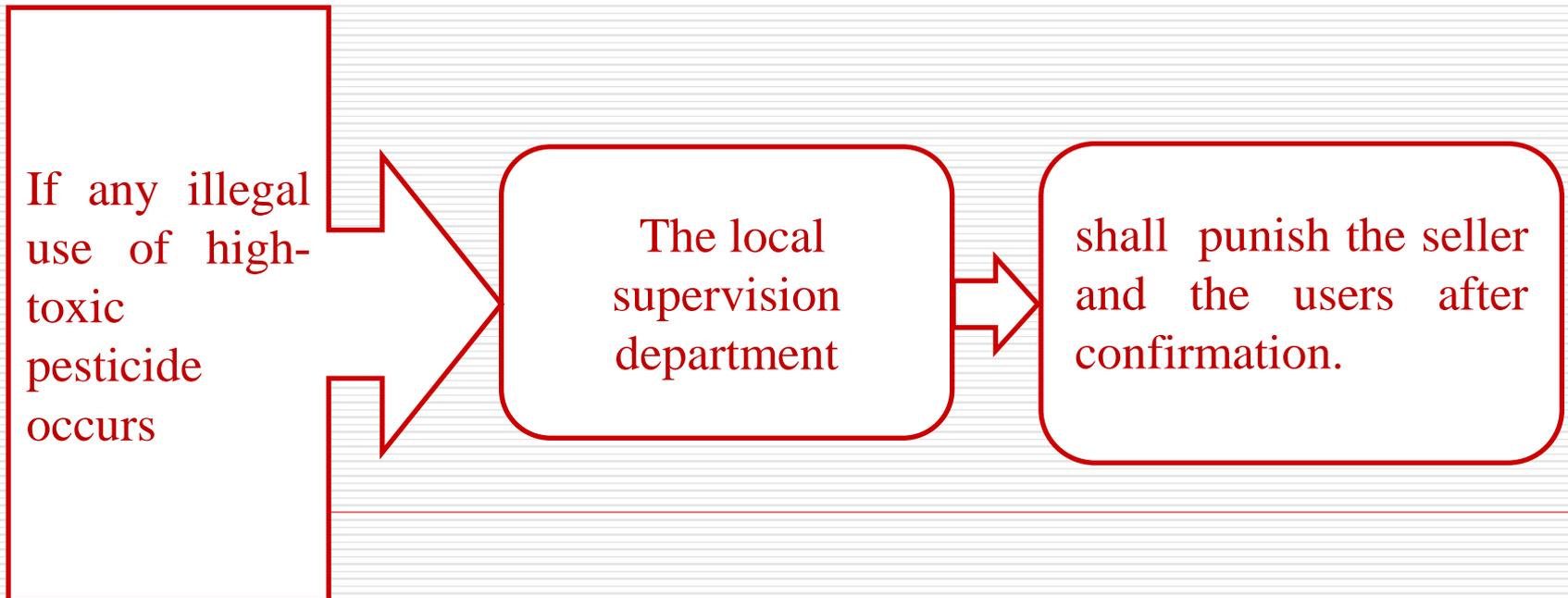
The 49 clause of *Food Safety Law* has stipulated as follows:

- **Strictly implement the stipulations on application safety interval or withdrawal period of the agricultural inputs, and forbid to use the agricultural inputs which are officially prohibited by country.**
 - **Forbid to apply the toxic and high-toxic pesticides to the vegetables, melons and fruits, tea, Chinese herbs, etc.**
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The application of monitoring data

□ Provide information for source monitoring

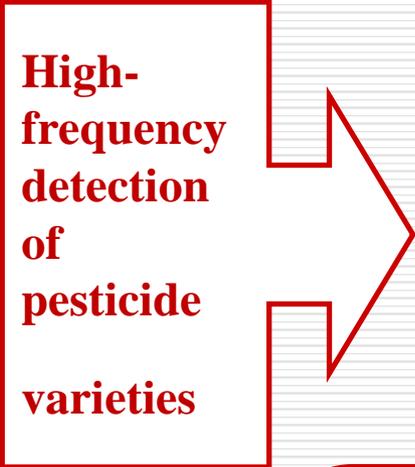
The prohibitive and restrictive high-toxic pesticide should be sold in designated area



The application of monitoring data

□ Instruction on rotating to use the pesticide

**High-
frequency
detection
of
pesticide
varieties**

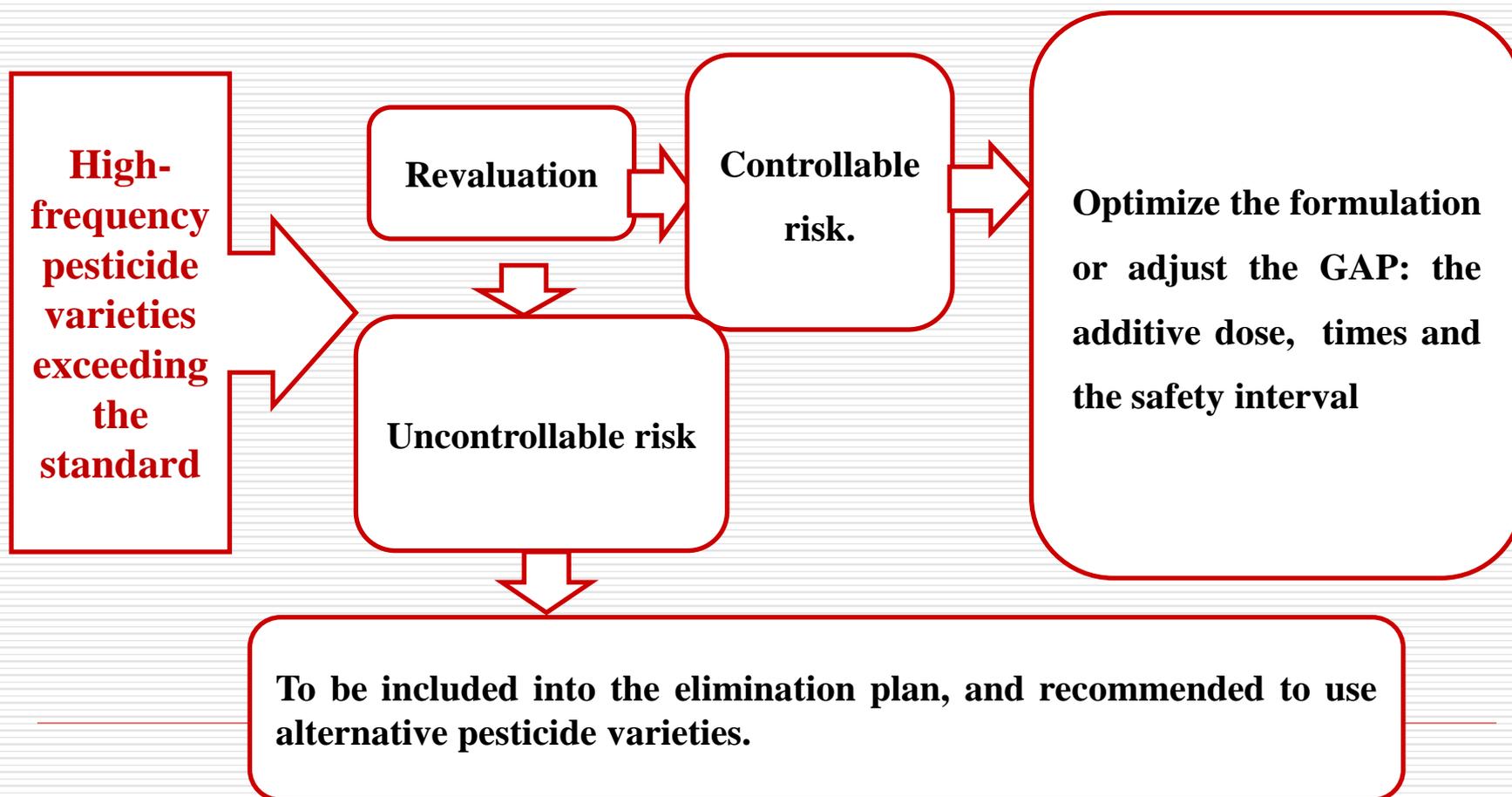


Issue the rotational application information on using pesticide. It is recommended to use the pesticides with different functional mechanism, and rotate to apply them.

The logo on the product tag shows the functional mechanism of pesticide. We should be noted that avoid using the pesticides with the same logo so as to prevent from resistance occurring which may result in exceeding the standard.

The application of monitoring data

□ Control measures on adjustment of pesticide residue



The application of monitoring data

□ Revaluation of MRL

It requires of revaluation of MRL if there are the conditions as follows:

1. The approved Good Agriculture Practices (GAP) has a great change;
2. Any new potential risks are proved in the toxicological study;
3. Any intake risks are shown in the monitoring data;

Reevaluate the dietary risk and revise the current MRL.

The application of monitoring data

□ Overview of MRL

The GB 2763 is the only mandatory standard concerning with pesticide residue in the food by China.

- There are 3650 limited amount indexes for MRL:
- 387 kinds of pesticide occurring in 284 varieties (kinds) of food.
- 162 detection method standards;
- 317 varieties of foodstuff classes (Appendix A)

The Notice of National Health and Family Planning Committee and The Ministry of Agriculture of the People's Republic of China

The No.4 of 2014

It is reviewed and approved by National Food Safety Standard Evaluation Committee according to the stipulations of Food Safety Law. It is hereby to issue "Maximum Pesticide Residue Limit in the Foodstuff of National Food Safety Standard" (Gb2763-2014), to come into effect on Aug 1, 2014, while the "Maximum Pesticide Residue Limit in the Foodstuff of National Food Safety Standard" (Gb2763-2014) shall be abrogated as of the same date.

The notice is hereby given.

Sealed by: the National Health and Family Planning Committee

Sealed by: the Ministry of Agriculture of the People's Republic of China

Date: Mar 20, 2014

The application of monitoring data

□ The preparation of MRL in Spice/seasonings

For that has no standard residual test data, it should provide the detailed planting, production status, as well as enough monitoring data so as to establish MRL.

Conclusion



Thanks!

Please s make comments!
