

Pesticide Residues in Commonly Consumed Vegetables in Henan Province of China in 2020

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Ma C, Wei D, Liu P, Fan K, Nie L, Song Y, Wang M, Wang L, Xu Q, Wang J, Shi J, Geng J, Zhao M, Jia Z, Huan C, Huo W, Wang C, Mao Z, Huang S and Zeng X (2022) Pesticide Residues in Commonly Consumed Vegetables in Henan Province of China in 2020. Front. Public Health 10:901485. doi: 10.3389/fpubh.2022.901485 **Background:** Pesticides are widely used in agricultural production to control insect pests and regulate plant growth in China, which may result in the presence of some pesticide residues in the vegetables. However, few studies of monitoring pesticides have been conducted in Henan Province. The aim of this study was to evaluate the level of pesticide residues in commonly consumed vegetables in the regions of Henan Province.

Methods: In this study, we collected 5,576 samples of 15 different vegetables in 17 areas from Henan Province during 2020. Eight kinds of pesticides were analyzed by gas chromatography-mass spectrometry (GC-MS), including procymidone, lambda-cyhalothrin, cypermethrin, pendimethalin, isocarbophos, isazophos, fenthion and deltamethrin. The chi-square test was used to compare the detection rates of pesticide residues in different regions.

Results: Of all the pesticides above, procymidone, lambda-cyhalothrin, cypermethrin, pendimethalin and isocarbophos were detected in vegetables, the detection rates were 27.0%, 16.2%, 11.4%, 3.5%, and 1.9%, respectively. However, isazophos, fenthion, and deltamethrin were not detected. In addition, procymidone, lambda-cyhalothrin, and cypermethrin were detected in urban areas, while pendimethalin was detected in rural areas. The detection rates of cypermethrin and pendimethalin in rural were 19.8% and 5.4%, respectively, which in urban were at relatively lower levels (13.7% and 1.9%, respectively) (P < 0.05). Compared the differences of pesticide detection rates among five areas of Henan province, we found that there were statistical differences in the detection rates of procymidone, cypermethrin and lambda-cyhalothrin in different regions (all P < 0.05).

Conclusion: The results have revealed that the pesticide residues are present. Higher detection rates and more types of pesticides were found in rural areas than urban areas. In addition, there were higher detection rates in Eastern Henan. The findings provided valuable information on the current pesticide residues status, which can be a reference of pesticide supervision and management.

Keywords: vegetables, pesticides, residues, Henan province, GC-MS

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INTRODUCTION

Pesticides are widely used chemical agents which are used to control insect pests and regulate plant growth (1). Moreover, China is a large agricultural country, so pesticides play an important role in agricultural production. Although pesticides can improve the quality of agricultural products to a certain extent and bring some benefits to agricultural production, we also need to be aware of a series of problems caused by pesticides such as environmental pollution and health hazards (2). Pesticide residues are a serious problem due to their persistence, biological magnification and toxicity (3). Previous studies have shown that tea (4) and cooking oil (5) contain pesticide residues, which may pose potential hazards if eaten untreated. Studies have shown that the ingestion of food containing pesticide residues can cause cancer (6), heart disease (7) and other diseases to a certain extent. There is also a body of evidence that longterm pesticide exposure, even at low doses, can lead to negative effects such as birth defects, reduced birth weight, and fetal death (8). In addition, pesticide residues will also affect the export of agricultural products.

As the main source of our daily intake of vitamins and nutrients, vegetables are the important part of our daily life and are closely related to our health. In most Chinese people, each of us consumes at least 300 g of vegetables averagely per day (9). As people's living standards improve, the demand for vegetables is also increasing. In order to ensure the yield and quality of vegetables, farmers may spray pesticides in large doses during vegetable cultivation in order to prevent and control pests and diseases (10). And some farmers use pesticides incorrectly due to their lack of expertise in pesticide use and improper management of pesticides (11, 12), bringing about a series of pesticide residue problems. The problem of pesticide residues in vegetables is a global public health issue (13). With the growing population and accelerated urbanization, pesticide intake has generally increased in many countries around the world, and China is no exception. From 2015 to 2019, China ranked first in the world in terms of pesticide consumption, followed by the United States, which is a matter of concern (14).

The detection of pesticide residues in vegetables has always been a great challenge, because the composition of target substances is complex and we may can't achieve the expected detection effect due to the interference of multiple matrix substances (15). As an accurate qualitative and quantitative method, gas chromatography-mass spectrometry (GC-MS) is widely used in pesticide detection. Based on abundant advantages of GC-MS, such as fast, simple, sensitive, accurate, and good selectivity (16, 17), it can accurately identify target analytes and perform quantitative analysis, making it a highly sensitive and selective method.

The World Health Organization stressed that pesticide residues are a priority issue and it states that the effects of pesticides on human health are not immediate but long-term (18). At present, pesticide exposure in China is a problem that should be paid attention to. Pesticide has been detected in dust (19), river (20), drinking water (21), breast milk (22), dietary (23), and pediatric (24) and adult (25). In addition to the acute poisonings associated with pesticides including dizziness and headache, skin allergies, and burning of eyes (26), chronic hazards associated with long-term exposure are also a problem that cannot be ignored such as cancers, Alzheimer, Parkinson, asthma, diabetes, and obesity (27).

A few studies of pesticide monitoring have been carried out in China to assess the environmental load of pesticide residues and to assess the risk of short-term ingestion of pesticide residues in crops. Fungicides and other pesticide residues in local vegetables were detected in Zhejiang (28) and Shaanxi (29). Another study was conducted in 2018 to investigate the accumulation of pesticide residues in vegetables in 12 Chinese provinces (30), the results showed that 41.9% of the samples were positive. As a large agricultural province with a large population of more than 90 million people (31), Henan Province consumes a great quantity of vegetables, but few studies have detected pesticide residue concentration in vegetables in Henan. In order to ensure food safety and provide a basis for food supervision and regulation, we aimed to assess the pesticide residues of vegetables in Henan Province by using GC-MS method.

MATERIALS AND METHODS

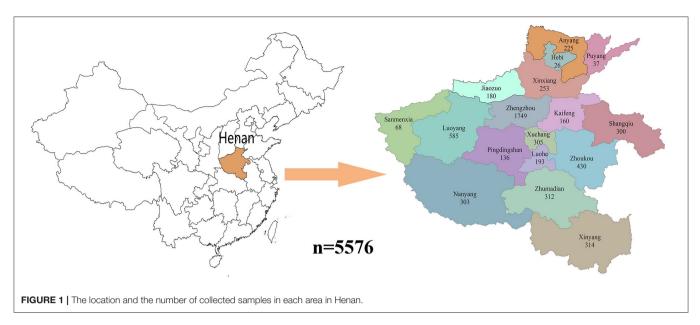
Sampling

The locations and the number of samples collected were shown in **Figure 1**. In this study, a wide variety of vegetables have been selected to detect the pesticide residue, including legumes (green bean and cowpea), root vegetables (ginger and yam), melon vegetables (cucumber), bulb vegetables (leek), eggplant vegetables (tomato, pepper, eggplant, and sweet pepper), leafy vegetables (spinach, common cabbage, celery, and lettuce), and fresh edible mushroom. Most of these vegetables were bought from supermarkets and farmers' markets, with a small proportion of samples coming from 15 locations such as vegetable markets, school canteens, shopping malls, and collective meal delivery units. These vegetables were randomly sampled from 17 prefecture-level administrative regions in Henan Province. A total of 3,234 of these vegetables were obtained from urban areas, while 2,342 samples were selected from rural areas.

Sample Treatment and Detection

The sample volume for vegetables was in accordance with GB/T 8855, while the edible mushroom samples were randomly sampled at 1 kg and the sampling area was based on GB 2763. For small samples, after sampling, unified treatment. For larger, basically homogeneous samples, they were divided or cut into smaller pieces on the symmetry axis or symmetry plane and then processed. For slender, flat samples or samples with different component contents, they were cut into small pieces or sections in different parts for post-processing. Before sending the samples pre-treated, we have crushed and sieved the samples. Chopped the samples, and then mixed them thoroughly, divided them by quartering or put them directly into a tissue masher to form a homogenate, and then placed them in a polyethylene bottle.

Abbreviations: GC-MS, gas chromatography-mass spectrometry; r/min, revolutions per minute.



According to the national standard GB 23200.113–2018, the sample was first extracted by using acetonitrile, then, the solid-phase extraction method was used to purify and concentrate the samples synchronously. Last, GC-MS was used to conduct qualitative and quantitative analyses. The types of the eight kinds of pesticides tested were procymidone, lambda-cyhalothrin, cypermethrin, pendimethalin, isocarbophos, isazophos, fenthion, and deltamethrin. The detailed steps were as follows.

The samples were firstly pre-treated, and 20 g was transferred into a 100 ml plastic centrifuge tube, adding 40 ml of acetonitrile, homogenizing for 2 min with a high-speed homogeniser at 15,000 revolutions per minute (r/min), and then 5–7 g of sodium chloride was added and shaken vigorously for several times and centrifuged for 5 min at 4200 r/min. The supernatant was sucked into a 100 ml flask, rotary evaporated to 1 ml in a water bath at 40°C, nitrogen blowing until nearly dry. The sample was then purified and washed several times with 3 ml of acetonitriletoluene solution into a solid phase extraction column. The supernatant was collected, and concentrated in a water bath at 40°C. Then the sample was first re-dissolved with 2.5 ml of ethyl acetate and then added to the internal standard solution for determination. Retention time was determined qualitatively and peak height and peak area were quantified.

Statistical Analysis

The statistical analysis was performed using IBM SPSS Version 26.0, and P < 0.05 was considered statistical significance. Comparison of the detection situation of pesticide residues was performed in different regions by using the chi-square test.

RESULTS

The Distributions of Eight Kinds of Pesticides in Different Vegetables

A total of 8 pesticide residues were detected in 5,576 samples in this study. The distributions of eight kinds of pesticides in

different vegetables were shown in Table 1. The concentrations of pesticides in some vegetables with high detection rates was showed in **Supplementary Figure 1**. The 95th percentile (P_{95}) of detection concentrations in vegetables as follows. Procymidone was detected in leek, cucumber, eggplant, and pepper. In addition, the concentrations of P95 for leek, cucumber, and eggplant were 3.853, 0.060, and 0.051 (mg/kg), respectively. Lambda-cyhalothrin was detected in 13 kinds of vegetables, and the concentrations of P_{95} in leek, celery, tomato, cowpea, lettuce, green bean, and pepper were 0.190, 0.111, 0.062, 0.043, 0.407, 0.034, and 0.048 (mg/kg), respectively. Cypermethrin was detected in 10 kinds of vegetables, and concentrations of P₉₅ for leek, celery, tomato, common cabbage were 0.439, 0.027, 0.039, and 0.054 (mg/kg), respectively. Few vegetables had a value for the 75th percentile of detection concentrations, such as 0.084 mg/kg procymidone in leek and 0.126 mg/kg cypermethrin in Spinach. The detection rates of pesticide residues in all vegetables were 10.7% and 98.9% of the samples were qualified, samples fail to qualify was leek. Procymidone, lambda-cyhalothrin, cypermethrin, pendimethalin, and isocarbophos were detected in vegetables, the detection rate was 27.0%, 16.2%, 11.4%, 3.5%, and 1.9%, respectively. Isazophos, fenthion and deltamethrin were not detected.

Description of the Detected Concentrations and Comparison of Detection Rates of Various Pesticides in Contrysides and Cities

As shown in **Tables 2**, **3**, all vegetables were stratified by rural and urban areas to describe the concentrations of pesticides detected in vegetables. It found that procymidone, lambda-cyhalothrin, and cypermethrin were detected in urban areas, while pendimethalin was also detected in rural areas in the countryside. Procymidone was detected in leek, cucumber, and eggplant. Lambda-cyhalothrin was detected in leek, celery, tomato, common cabbage, and pepper. For TABLE 1 | Description of the detection rate and concentration of various pesticides in each vegetable.

	No. of samples (n)	Detection rate (%)	Concentration (mg/kg)						
			P ₅	P ₁₀	P ₂₅	P ₅₀	P 75	P ₉₀	P ₉₅
Procymidone	599								
Leek	452	32.74	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.084</td><td>1.734</td><td>3.853</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.084</td><td>1.734</td><td>3.853</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.084</td><td>1.734</td><td>3.853</td></lod<></td></lod<>	<lod< td=""><td>0.084</td><td>1.734</td><td>3.853</td></lod<>	0.084	1.734	3.853
Cucumber	68	10.29	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.014</td><td>0.060</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.014</td><td>0.060</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.014</td><td>0.060</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.014</td><td>0.060</td></lod<></td></lod<>	<lod< td=""><td>0.014</td><td>0.060</td></lod<>	0.014	0.060
Eggplant	39	17.95	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td><td>0.051</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td><td>0.051</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td><td>0.051</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.034</td><td>0.051</td></lod<></td></lod<>	<lod< td=""><td>0.034</td><td>0.051</td></lod<>	0.034	0.051
Pepper	40	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Lambda-cyhalothrin	1534								
Leek	422	23.46	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.071</td><td>0.190</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.071</td><td>0.190</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.071</td><td>0.190</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.071</td><td>0.190</td></lod<></td></lod<>	<lod< td=""><td>0.071</td><td>0.190</td></lod<>	0.071	0.190
Celery	352	16.48	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.037</td><td>0.111</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.037</td><td>0.111</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.037</td><td>0.111</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.037</td><td>0.111</td></lod<></td></lod<>	<lod< td=""><td>0.037</td><td>0.111</td></lod<>	0.037	0.111
Tomato	184	17.93	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.062</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.062</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.062</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.020</td><td>0.062</td></lod<></td></lod<>	<lod< td=""><td>0.020</td><td>0.062</td></lod<>	0.020	0.062
Cowpea	148	9.46	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.043</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.043</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.043</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.043</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.043</td></lod<></td></lod<>	<lod< td=""><td>0.043</td></lod<>	0.043
Lettuce	123	21.10	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.244</td><td>0.407</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.244</td><td>0.407</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.244</td><td>0.407</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.244</td><td>0.407</td></lod<></td></lod<>	<lod< td=""><td>0.244</td><td>0.407</td></lod<>	0.244	0.407
Common cabbage	14	7.14	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Green bean	76	13.16	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.034</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.034</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.034</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.020</td><td>0.034</td></lod<></td></lod<>	<lod< td=""><td>0.020</td><td>0.034</td></lod<>	0.020	0.034
Cucumber	68	2.94	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Pepper	28	7.14	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<>	<lod< td=""><td>0.048</td></lod<>	0.048
Ginger	50	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Yam	15	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Sweet Pepper	10	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Fresh edible mushroom	44	4.54	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Cypermethrin	1368								
Leek	421	22.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.184</td><td>0.439</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.184</td><td>0.439</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.184</td><td>0.439</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.184</td><td>0.439</td></lod<></td></lod<>	<lod< td=""><td>0.184</td><td>0.439</td></lod<>	0.184	0.439
Celery	369	7.31	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.028</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.028</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.028</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.028</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.028</td></lod<></td></lod<>	<lod< td=""><td>0.028</td></lod<>	0.028
Tomato	151	9.93	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.039</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.039</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.039</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.039</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.039</td></lod<></td></lod<>	<lod< td=""><td>0.039</td></lod<>	0.039
Cowpea	148	3.38	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.005</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.005</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.005</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.005</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.005</td></lod<></td></lod<>	<lod< td=""><td>0.005</td></lod<>	0.005
Common cabbage	84	7.14	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<>	<lod< td=""><td>0.054</td></lod<>	0.054
Eggplant	30	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Pepper	68	5.88	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Ginger	50	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Fresh edible mushroom	42	2.38	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Spinach	5	40	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<>	0.126	NA	NA
Pendimethalin	839								
Leek	451	2.66	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Celery	388	4.38	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Isocarbophos	216								
Cowpea	216	1.85	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Isazophos	481								
Cowpea	185	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Lettuce	163	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Eggplant	95	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Pepper	28	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Sweet Pepper	10	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Fenthion	298	0	~200	~200	~200	~200	~200	~200	~LOD
Cowpea	185	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Green bean	113	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Deltamethrin	241	0	~LOD	~LOD	~LOD	~LOD	~LOD	~LOD	~LOD
Tomato	151	0	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
Common cabbage	14	0	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod< td=""></lod<></td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod< td=""></lod<></td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod< td=""></lod<></td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod< td=""></lod<></td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod< td=""></lod<></td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod< td=""></lod<></td></lod<></lod 	<lod< td=""></lod<>
Green bean	76	0	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""></lod<></lod </td></lod<></lod 	<lod <lod< td=""></lod<></lod

NA, Not applicable. Bold values indicates detection limit.

TABLE 2 | Description of the concentrations of various pesticides detected in each vegetable in the countryside.

	No. of samples (n)	Concentration (mg/kg)							
		P ₅	P ₁₀	P ₂₅	P ₅₀	P 75	P ₉₀	P ₉₅	
Procymidone	203								
Leek	160	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.180</td><td>2.307</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.180</td><td>2.307</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.180</td><td>2.307</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.180</td><td>2.307</td></lod<></td></lod<>	<lod< td=""><td>0.180</td><td>2.307</td></lod<>	0.180	2.307	
Cucumber	15	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.037</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.037</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.037</td><td>NA</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.037</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>0.037</td><td>NA</td></lod<>	0.037	NA	
Eggplant	14	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.033</td><td>0.073</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.033</td><td>0.073</td><td>NA</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.033</td><td>0.073</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>0.033</td><td>0.073</td><td>NA</td></lod<>	0.033	0.073	NA	
Pepper	14	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Lambda-cyhalothrin	580								
Leek	145	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.388</td><td>0.699</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.388</td><td>0.699</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.388</td><td>0.699</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.388</td><td>0.699</td></lod<></td></lod<>	<lod< td=""><td>0.388</td><td>0.699</td></lod<>	0.388	0.699	
Celery	193	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.034</td></lod<></td></lod<>	<lod< td=""><td>0.034</td></lod<>	0.034	
Tomato	71	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.021</td><td>0.047</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.021</td><td>0.047</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.021</td><td>0.047</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.021</td><td>0.047</td></lod<></td></lod<>	<lod< td=""><td>0.021</td><td>0.047</td></lod<>	0.021	0.047	
Cowpea	74	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Common cabbage	43	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.054</td></lod<></td></lod<>	<lod< td=""><td>0.054</td></lod<>	0.054	
Eggplant	7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Pepper	20	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<>	<lod< td=""><td>0.017</td></lod<>	0.017	
Ginger	17	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Fresh edible mushroom	10	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Cypermethrin	635								
Leek	145	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.019</td><td>0.142</td><td>0.257</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.019</td><td>0.142</td><td>0.257</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.019</td><td>0.142</td><td>0.257</td></lod<></td></lod<>	<lod< td=""><td>0.019</td><td>0.142</td><td>0.257</td></lod<>	0.019	0.142	0.257	
Celery	185	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.072</td><td>0.178</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.072</td><td>0.178</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.072</td><td>0.178</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.072</td><td>0.178</td></lod<></td></lod<>	<lod< td=""><td>0.072</td><td>0.178</td></lod<>	0.072	0.178	
Tomato	83	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.030</td><td>0.081</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.030</td><td>0.081</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.030</td><td>0.081</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.030</td><td>0.081</td></lod<></td></lod<>	<lod< td=""><td>0.030</td><td>0.081</td></lod<>	0.030	0.081	
Cowpea	74	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.032</td><td>0.065</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.032</td><td>0.065</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.032</td><td>0.065</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.032</td><td>0.065</td></lod<></td></lod<>	<lod< td=""><td>0.032</td><td>0.065</td></lod<>	0.032	0.065	
Lettuce	58	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.383</td><td>1.514</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.020</td><td>0.383</td><td>1.514</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.020</td><td>0.383</td><td>1.514</td></lod<></td></lod<>	<lod< td=""><td>0.020</td><td>0.383</td><td>1.514</td></lod<>	0.020	0.383	1.514	
Common cabbage	3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Green bean	28	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td><td>0.044</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td><td>0.044</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.034</td><td>0.044</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.034</td><td>0.044</td></lod<></td></lod<>	<lod< td=""><td>0.034</td><td>0.044</td></lod<>	0.034	0.044	
Cucumber	15	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Pepper	6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Ginger	17	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Yam	9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Fresh edible mushroom	11	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Pendimethalin	367								
Leek	160	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Celery	207	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.017</td></lod<></td></lod<>	<lod< td=""><td>0.017</td></lod<>	0.017	
Isocarbophos	107								
Cowpea	107	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Isazophos	211								
Cowpea	98	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Lettuce	73	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Eggplant	33	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Pepper	6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Sweet Pepper	1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Fenthion	137								
Cowpea	98	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Green bean	39	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loe< td=""></loe<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loe< td=""></loe<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loe< td=""></loe<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><loe< td=""></loe<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><loe< td=""></loe<></td></lod<></td></lod<>	<lod< td=""><td><loe< td=""></loe<></td></lod<>	<loe< td=""></loe<>	
Deltamethrin	102			.205	.200		.200	-201	
Tomato	71	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Common cabbage	3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<>	<lod< td=""><td><l0[< td=""></l0[<></td></lod<>	<l0[< td=""></l0[<>	
Green bean	28	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<>	<lod< td=""><td><l0[< td=""></l0[<></td></lod<>	<l0[< td=""></l0[<>	

NA, Not applicable. Bold values indicates detection limit.

TABLE 3 | Description of the concentrations of various pesticides detected in each vegetable in the city.

	No. of samples (n)	Concentration (mg/kg)							
		P ₅	P ₁₀	P ₂₅	P ₅₀	P 75	P ₉₀	P ₉₅	
Procymidone	396								
Leek	292	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.118</td><td>2.255</td><td>4.596</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.118</td><td>2.255</td><td>4.596</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.118</td><td>2.255</td><td>4.596</td></lod<></td></lod<>	<lod< td=""><td>0.118</td><td>2.255</td><td>4.596</td></lod<>	0.118	2.255	4.596	
Cucumber	53	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.009</td><td>0.064</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.009</td><td>0.064</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.009</td><td>0.064</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.009</td><td>0.064</td></lod<></td></lod<>	<lod< td=""><td>0.009</td><td>0.064</td></lod<>	0.009	0.064	
Eggplant	25	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.03</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.03</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.03</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.03</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.03</td></lod<></td></lod<>	<lod< td=""><td>0.03</td></lod<>	0.03	
Pepper	26	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Lambda-cyhalothrin	788								
Leek	276	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.102</td><td>0.372</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.102</td><td>0.372</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.102</td><td>0.372</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.102</td><td>0.372</td></lod<></td></lod<>	<lod< td=""><td>0.102</td><td>0.372</td></lod<>	0.102	0.372	
Celery	176	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.048</td></lod<></td></lod<>	<lod< td=""><td>0.048</td></lod<>	0.048	
Tomato	80	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<>	<lod< td=""><td>0.05</td></lod<>	0.05	
Cowpea	74	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<>	<lod< td=""><td>0.018</td></lod<>	0.018	
Common cabbage	41	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>1.10</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>1.10</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>1.10</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>1.10</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>1.10</td></lod<></td></lod<>	<lod< td=""><td>1.10</td></lod<>	1.10	
Eggplant	23	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<>	<lod< td=""><td><l0[< td=""></l0[<></td></lod<>	<l0[< td=""></l0[<>	
Pepper	48	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.024</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.024</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.024</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.024</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.024</td></lod<></td></lod<>	<lod< td=""><td>0.024</td></lod<>	0.024	
Ginger	33	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<>	<lod< td=""><td><l0[< td=""></l0[<></td></lod<>	<l0[< td=""></l0[<>	
Fresh edible mushroom	32	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.038</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.038</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.038</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.038</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.038</td></lod<></td></lod<>	<lod< td=""><td>0.038</td></lod<>	0.038	
Spinach	5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>0.126</td><td>NA</td><td>NA</td></lod<>	0.126	NA	NA	
Cypermethrin	899								
Leek	277	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.049</td><td>0.134</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.049</td><td>0.134</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.049</td><td>0.134</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.049</td><td>0.134</td></lod<></td></lod<>	<lod< td=""><td>0.049</td><td>0.134</td></lod<>	0.049	0.134	
Celery	167	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.016</td><td>0.076</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.016</td><td>0.076</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.016</td><td>0.076</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.016</td><td>0.076</td></lod<></td></lod<>	<lod< td=""><td>0.016</td><td>0.076</td></lod<>	0.016	0.076	
Tomato	101	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.05</td></lod<></td></lod<>	<lod< td=""><td>0.05</td></lod<>	0.05	
Cowpea	74	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.018</td></lod<></td></lod<>	<lod< td=""><td>0.018</td></lod<>	0.018	
Lettuce	65	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.105</td><td>0.350</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.105</td><td>0.350</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.105</td><td>0.350</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.105</td><td>0.350</td></lod<></td></lod<>	<lod< td=""><td>0.105</td><td>0.350</td></lod<>	0.105	0.350	
Common cabbage	11	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Green bean	48	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.019</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.019</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.019</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.019</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.019</td></lod<></td></lod<>	<lod< td=""><td>0.019</td></lod<>	0.019	
Cucumber	53	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<>	<lod< td=""><td><loi< td=""></loi<></td></lod<>	<loi< td=""></loi<>	
Pepper	22	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.06</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.06</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.06</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.06</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.06</td></lod<></td></lod<>	<lod< td=""><td>0.06</td></lod<>	0.06	
Ginger	33	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Yam	6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Sweet Pepper	9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Fresh edible mushroom	33	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.01</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.01</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>0.01</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>0.01</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>0.01</td></lod<></td></lod<>	<lod< td=""><td>0.01</td></lod<>	0.01	
Pendimethalin	472								
Leek	291	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Celery	181	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Isocarbophos	109	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Cowpea	109	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Isazophos	270	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Cowpea	87	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Lettuce	90	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Eggplant	62	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Pepper	22	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Sweet Pepper	9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lo[< td=""></lo[<></td></lod<></td></lod<>	<lod< td=""><td><lo[< td=""></lo[<></td></lod<>	<lo[< td=""></lo[<>	
Fenthion	161	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><l0[< td=""></l0[<></td></lod<></td></lod<>	<lod< td=""><td><l0[< td=""></l0[<></td></lod<>	<l0[< td=""></l0[<>	
Cowpea	87	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<>	<lod< td=""><td><loi< td=""></loi<></td></lod<>	<loi< td=""></loi<>	
Green bean	74	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<>	<lod< td=""><td><loi< td=""></loi<></td></lod<>	<loi< td=""></loi<>	
Deltamethrin	139	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><loi< td=""></loi<></td></lod<></td></lod<>	<lod< td=""><td><loi< td=""></loi<></td></lod<>	<loi< td=""></loi<>	
Tomato	80	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l01< td=""></l01<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l01< td=""></l01<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><l01< td=""></l01<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><l01< td=""></l01<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><l01< td=""></l01<></td></lod<></td></lod<>	<lod< td=""><td><l01< td=""></l01<></td></lod<>	<l01< td=""></l01<>	
Common cabbage	11	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod 	<loi <loi< td=""></loi<></loi 	
Green bean	48	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td><loi <loi< td=""></loi<></loi </td></lod<></lod 	<loi <loi< td=""></loi<></loi 	

NA, Not applicable. Bold values indicates detection limit.

Pesticide	No. of samples (n)		Detection ra	Р	
	countryside	city	countryside	city	
Procymidone	203	396	22.7	29.3	0.084
Cypermethrin	635	899	19.8	13.7	0.001
Lambda-cyhalothrin	580	788	10.3	12.2	0.291
Pendimethalin	367	472	5.4	1.9	0.005
Isocarbophos	107	109	0.9	2.8	0.322
Isazophos	211	270	0	0	NA
Fenthion	137	161	0	0	NA
Deltamethrin	102	139	0	0	NA

NA, Not applicable. Bold values indicates detection limit.

TABLE 5 | Detection rate of various pesticides in different areas of Henan province.

Pesticide	No. of samples (n) Detection rate							
	Eastern Henan	Western Henan	Southern Henan	Northern Henan	Central subregion of Henan			
Procymidone	79(38%)	119(10.9%)	86(22.1%)	77(14.3%)	238(37.4%)	0.000		
Cypermethrin	251(21.5%)	200(20.5%)	251(13.5%)	190(14.7%)	642(14.0%)	0.019		
Lambda-cyhalothrin	213(18.8%)	188(10.1%)	220(8.2%)	174(6.9%)	573(11.7%)	0.001		
Pendimethalin	142(3.5%)	95(0%)	138(2.2%)	87(4.6%)	377(4.5%)	0.225		
Isocarbophos	34(0%)	33(0%)	44(2.3%)	40(42.5%)	65(3.1%)	0.747		
Isazophos	87(0%)	76(0%)	94(0%)	73(0%)	151(0%)	NA		
Fenthion	46(0%)	40(0%)	63(0%)	47(0%)	102(0%)	NA		
Deltamethrin	38(0%)	38(0%)	33(0%)	33(0%)	99(0%)	NA		

NA, Not applicable. Bold values indicates detection limit.

some of the vegetables with higher detection rates in rural and urban areas, a description of their percentile was shown in **Supplementary Figures 2, 3**. Among these vegetables, the residue concentrations of the two pesticides in leek were still the highest, the concentrations of P_{95} were 2.307 and 0.699 (mg/kg), respectively. The highest concentrations of cypermethrin in these vegetables were detected in lettuce, and the concentration of P_{95} was 1.514 mg/kg. Only celery was detected for pendimethalin, and the concentration of P_{95} was 0.017 mg/kg. In the city, it was observed that the concentrations of P_{95} for leek were the highest in procymidone and cypermethrin, which were 4.596 and 0.134 (mg/kg), respectively. However, common cabbage, not leek, had the highest concentration of P_{95} was 1.103 mg/kg.

The detection rates of procymidone, lambda-cyhalothrin and isocarbophos in urban areas were 29.3%, 12.2%, and 2.8%, respectively, which were higher than rural areas (22.7%, 10.3%, and 0.9%). No significant difference in pesticide residues was observed between the two groups. In contrast, the detection rates of cypermethrin and pendimethalin in rural were 19.8% and 5.4%, respectively, which were higher than urban vegetables (13.7% and 1.9%) (P < 0.05). The detailed results were shown in **Table 4**.

Pesticide Residues in Different Areas

Based on topography and rivers, the Henan province was divided into five parts: east, west, south, north, and central. The detection rates of procymidone, cypermethrin, and lambda-cyhalothrin resident in the eastern part of Henan Province were the highest, and the corresponding detection rates were 38.0%, 21.5%, and 18.8%, respectively. The lowest residue level of procymidone, cypermethrin and lambda-cyhalothrin in vegetables was measured in western, southern, northern Henan and the corresponding detection rates were 10.9%, 13.5%, and 8.2%, respectively, as shown in **Table 5**. And there were statistical differences in the detection rates of procymidone, cypermethrin and lambda-cyhalothrin in different regions (P < 0.05).

DISCUSSION

A total of 10.7% samples were detected pesticide residues. In another region of China and some developing countries (32– 35), a high incidence of pesticide residues was found. Among all the samples tested, there was a higher detection rate of procymidone, lambda-cyhalothrin and cypermethrin. Similar results were obtained for samples tested in the Aegean region of Turkey (10). In our detection process, leek, celery, tomato, cowpea, and pepper were found to have higher detection rates as they may be more susceptible to insect pests. However, the types of pesticide residues were not exactly the same for each vegetable, indicating the irregular distribution of various pesticides in each vegetable as well as the different pesticide application habits of vegetable farmers (36).

After stratified analysis, we found that the detection rates of lambda-cyhalothrin and pendimethalin were higher in rural than urban areas, and this difference was statistically significant. In a survey conducted in a rural French community, it was concluded that pendimethalin was the most commonly measured pesticide when investigating local atmospheric pesticide levels during pesticide application (37), which is consistent with the results of our study, probably because pendimethalin is widely used in rural agriculture due to its wide range of applications and low toxicity (38), and some farmers cannot use it correctly. In future agricultural education, it is important to enhance the knowledge of the use of pesticides so that every farmer can follow Good Agricultural Practices (GAP) (39).

A comparison of the detection rates of pesticides in several regions in Henan revealed that the detection rates of procymidone, lambda-cyhalothrin, and cypermethrin were higher in eastern Henan than other regions, and this difference was statistically significant. This result may be due to the fact that the economic pillar of Eastern Henan has always been agriculture, being the most important grain-producing area in Henan. The level of economic development is an important contributor to pesticide residue (40). Compared to other areas in Henan, the industrial base is poor and the lack of certain research institutes leads to a weaker cultural knowledge of the local people, which also has an impact on the use of pesticides, and it is urgent to strengthen the education and management of farmers.

As we know, few studies were conducted to determine the levels of pesticide residues on various vegetables frequently consumed in Henan province. In China, pesticides are widely used in crops, and a total of 13.1 kg per hectare was used per unit of cropland averagely (41), especially in vegetables (9), so we detect several pesticide residues commonly found in vegetables. Although a large proportion of the samples were not detected for pesticides, we still need to put emphasis on food safety. In future research, we need to pay more attention to what factors influence pesticide residues in vegetables so that we can resolve the problem from source. And we can't ignore the serious health effects of other pollutants on human beings and environmental pollution (42, 43), such as PCB (44) and PAHs (45, 46). In addition, better supervision and regulation of pesticides as well as education of farmers is an important issue.

CONCLUSIONS

The results have revealed that the pesticide residues are present in commonly consumed vegetables in Henan Province of China. The study provides scientific evidences of detected residues of familiar pesticides in the commonly used vegetables in Henan Province. More attention should be paid to these vegetables and areas with high detection rates, to control pesticide residues at source and ensure food safety for residents.

DATA AVAILABILITY STATEMENT

The raw data supporting the conclusions of this article will be made available by the authors, without undue reservation.

AUTHOR CONTRIBUTIONS

Material preparation and data analysis were performed by CM and DW. The first draft of the manuscript was written by CM and all authors commented on previous versions of the manuscript. All authors contributed to the article and approved the submitted version.

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SUPPLEMENTARY MATERIAL

The Supplementary Material for this article can be found online at: https://www.frontiersin.org/articles/10.3389/fpubh. 2022.901485/full#supplementary-material

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