

MINISTRY OF AGRO INDUSTRY & FOOD SECURITY

Pesticides Regulatory Office, Réduit

Tel: 401 2800

E-mail: moapro22@gmail.com

Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the Month of April 2024

Number of samples collected: **32**

Number of samples from farm gate level: **20**

Number of samples from supermarkets: **7**

Number of imported samples: **5**

Number of samples with pesticide residues exceeding MRL: 0

Number of samples with pesticide residues not recommended on those crops: 0

Improvement Notices issued: 0

1. Results of analysis of samples collected at farm gate level

| SN. | Fruits and Vegetables | Locality | Pesticides detected | Amount (mg/kg) | MRL (mg/kg) |
|------------|------------------------------|-----------------|----------------------------|-----------------------|--------------------|
| 1 | Cabbage | Moka | NDL | - | - |
| 2 | Maize | Rodrigues | NDL | - | - |
| 3 | Cabbage | Rodrigues | NDL | - | - |
| 4 | Tomato | Rodrigues | Acetamiprid | 0.018 | 0.5 |
| 5 | Eggplant | Rodrigues | NDL | - | - |
| 6 | Cucumber | Rodrigues | NDL | - | - |
| 7 | Lime | Rodrigues | NDL | - | - |
| 8 | Chinese Cabbage | Rodrigues | NDL | - | - |
| 9 | Lettuce | Rodrigues | NDL | - | - |
| 10 | Cucumber | Rodrigues | NDL | - | - |
| 11 | Lettuce | Rodrigues | NDL | - | - |

| | | | | | |
|----|--|-----------|-------------|-------|-----|
| 12 | Sweet Pepper | Rodrigues | Acetamiprid | 0.037 | 0.3 |
| 13 | Okra | Pailles | NDL | - | - |
| 14 | Bottle-gourd | Pailles | NDL | - | - |
| 15 | Chinese White Cabbage (Brede Tom Pouce) | Pailles | NDL | - | - |
| 16 | Bergamot | Pailles | NDL | - | - |
| 17 | Papaya | Pailles | NDL | - | - |
| 18 | Sweet Potato | Pailles | NDL | - | - |
| 19 | Leek | Pailles | NDL | - | - |
| 20 | Lettuce (Romaine) | Pailles | NDL | - | - |

2. Results of analysis of samples collected at supermarkets

| SN. | Fruits and Vegetables | Locality | Pesticides detected | Amount (mg/kg) | MRL (mg/kg) |
|-----|-----------------------|-----------|-------------------------------------|----------------|-------------|
| 1 | Bitter-gourd | Goodlands | Acetamiprid | 0.010 | 0.3 |
| 2 | Cabbage | Goodlands | NDL | - | - |
| 3 | Lettuce (Variées) | Goodlands | NDL | - | - |
| 4 | English Cucumber | Goodlands | NDL | - | - |
| 5 | Tomato | Goodlands | Acetamiprid Chlorantranilirprole | 0.024 0.051 | 0.5 5 |
| 6 | Carrot | Goodlands | NDL | - | - |
| 7 | Pineapple | Goodlands | NDL | - | - |

3. Results of analysis from imported samples

| SN. | Fruits and Vegetables | Pesticides detected | Amount (mg/kg) | MRL (mg/kg) |
|-----|-----------------------|---------------------|----------------|-------------|
| 1 | Apple | NDL | - | - |

| | | | | |
|---|------------|---------------|-------|---|
| 2 | Lime | Pyrimethanil | 1.660 | 7 |
| | | Thiabendazole | 0.030 | 7 |
| 3 | Mandarin | Boscalid | 0.038 | 2 |
| | | Thiabendazole | 0.689 | 7 |
| 4 | Mandarin | Pyrimethanil | 0.544 | 7 |
| | | Thiabendazole | 0.463 | 7 |
| 5 | Grapefruit | Thiabendazole | 0.151 | 7 |

NB: Source MRL: The Use of Pesticides Act 2018 and Codex Alimentarius

MRL – Maximum Residue Level

NDL – No Detectable Level