



Pest  
Management  
Regulatory  
Agency

# Revisions to Specific Residue Chemistry Crop Groups

PMRA Guidance Document

Update 2023



*Protecting human health  
and the environment*

*Protéger la santé humaine  
et l'environnement*



**17 July 2023**

Également disponible en français sous le titre :

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# Document history (revision/update)

<i>Updated</i>	<i>Update/Rationale:</i>
<i>July 2023</i>	<i>Revisions have been made to Crop Group 6-21, Legume Vegetables and Crop Group 7-21, Forage and Hay of Legume Vegetables as well as to the terminology for several crops.</i>
<i>December 2021</i>	<i>Revisions have been made to additional residue chemistry crop groups which were originally listed in DIR98-02, Residue Chemistry Guidelines</i>

## *Disclaimer*

This document does not constitute part of the *Pest Control Products Act* or its regulations and in the event of any inconsistency or conflict between the Act or regulations and this document, the Act or the regulations take precedence. This document is an administrative document that is intended to facilitate compliance by the regulated party with the Act, the regulations and the applicable administrative policies.

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# Executive summary

This guidance document provides an update regarding revisions to the Residue Chemistry Crop groups. The original crop groups are listed in DIR98-02, *Residue Chemistry Guidelines*. Revisions to many of these crop groups have been completed and these revisions are published in DIR2009-01, DIR2010-01, DIR2011-02, DIR2014-02, DIR2015-01 and SPN2017-01, as well as the PMRA Guidance Document, Revisions to Specific Residue Chemistry Crop Groups published 10 December 2021.

## 1.0 Purpose

The purpose of this guidance document is to communicate to industry and other interested parties revisions to the Health Canada Pest Management Regulatory Agency's (PMRA) Residue Chemistry Crop Group 6-21 (Legume Vegetables) and Crop Group 7-21 (Forage and Hay of Legume Vegetables). Information regarding crop groups 6-21 and 7-21 were initially published in the 10 December 2021 update to this Guidance document. In addition, revisions to the terminology for several crops belonging to various crop groups have also been made.

## 2.0 Background

Crop groupings allow maximum residue limits (MRLs) to be established for multiple related crops based on data from a representative set of crops. The crop grouping concept leads to an estimate of the maximum residue level that could occur on any crop within the group. Crop groups enable a pesticide registration or expansion of a pesticide registration as well as the establishment of MRLs for groups of similar crops based on residue data from certain representative commodities. The crop groups listed in Regulatory Directive DIR98-02 were based on revisions made in 1995.

As a result of the 2002 United States Department of Agriculture/Interregional Research Project No. 4 (IR-4) International Crop Grouping Symposium, the International Crop Grouping Consulting Committee (ICGCC) was established to a) update the crop groups to incorporate more than 500 "orphan crops" that were not members of an existing crop group, and b) develop new crop groups to more easily harmonize crop groups and simplify the commodity terminology for establishing MRLs.

In co-operation with the United States Environmental Protection Agency and the ICGCC, the PMRA has planned to revise the 20 crop groups as listed in Section 15 of Regulatory Directive DIR98-02, *Residue Chemistry Guidelines*. The PMRA expects these revisions to promote more use of crop groupings for MRL setting purposes and, in particular, to facilitate the availability of pest control products for minor crop uses.

To date, the PMRA has approved revisions to fourteen of the existing crop groups and established six new crop groups.

## 3.0 Revisions identified in this guidance document

### 3.1 Crop Group 6-21 Legume Vegetables

The following revisions have been made to Crop Group 6-21, Legume Vegetables:

- The commodity “vegetable soybean, dry seed (edamame)” has been removed from Group 6-21 as well as from Subgroup 6-21E.
- Three additional varieties of dried peas (in other words, yellow peas, wrinkled peas, and marrowfat peas) have been added as examples of dried peas (*Pisum* spp.) in Group 6-21 and Subgroup 6-21F.
- The term “Pulses” has been added to the name/description of Subgroups 6-21E and 6-21F (in other words, Subgroup 6-21E Pulses, Dried shelled bean, except soybean and Subgroup 6-21F Pulses, Dried shelled pea).

As a result of these revisions, the crop group now has 49 commodities. There are no changes to any of the representative commodities or the number of subgroups.

### 3.2 Crop Group 7-21 Forage and Hay of Legume Vegetables

The following revisions have been made to Crop Group 7-21, Forage and Hay of Legume Vegetables:

- The commodity “vegetable soybean, dry seed (edamame)” has been removed from Group 7-21.
- Three additional varieties of dried peas (in other words, yellow peas, wrinkled peas, and marrowfat peas) have been added as examples of dried peas (*Pisum* spp.) in Group 7-21.

There are no changes to any of the representative commodities and there are no subgroups associated with this crop group.

### 3.3 Revisions to Terminology of Several Crop Names

Revisions have been made to the following crop names:

- In Crop Group 4-13, Leafy Vegetables, the term “Romaine” has been removed from Lettuce, leaf (Romaine) (*Lactuca sativa*; including *Lactuca sativa* var. *longifolia*; *Lactuca sativa* var. *crispa*).
- In Crop Group 4-13, Leafy Vegetables, “Plantain, buckhorn (*Plantago* spp.; including Buckhorn plantain, *Plantago lanceolata* and Common plantain, *P. major*)” has been revised to “Plantain, buckhorn (*Plantago lanceolata*)”.

- In Crop Group 15-21, Cereal Grains, "Princess feather (*Amaranthus hypochondriacus*)" has been revised to "Prince's feather (*Amaranthus hypochondriacus*)".

This guidance should be read in conjunction with the relevant sections of other applicable guidance documents.

- Regulatory Directive 98-02, *Residue Chemistry Guidelines*
- DIR2009-01, Revisions to the Residue Chemistry Crop Groups
- DIR2010-01, Update on the Status of the Revisions to the Residue Chemistry Crop Groups
- DIR2011-02, Update on the Status of the Revisions to the Residue Chemistry Crop Groups
- DIR2014-02, Revisions and Updates to Specific Residue Chemistry Crop Groups
- DIR2015-01, Revisions and Updates to Specific Residue Chemistry Crop Groups
- SPN2017-01, Guidance for Implementation of Revisions to Residue Chemistry Crop Groups 4 and 5
- PMRA Guidance Document, Revisions to Specific Residue Chemistry Crop Groups, 10 December 2021

This guidance does not identify or establish requirements that are outside or in addition to current legislation. See the [Pest control products \(pesticides\) acts and regulations](#) section of the Canada.ca website for a list of all regulatory requirements.

Please note that this guidance document is in effect as of 17 July 2023.