The Crop Definitions List

The **Crop Definitions List** replaces the Crop Hierarchy. It provides consistent terminology for the uses given in Plant Protection Product (PPP) and adjuvant authorisations and databases. It also fully defines the specific crops and situations covered by each term so that users can understand precisely the crops/situations that can be treated under that authorisation.

Pesticide and adjuvant users should consider the crop definition in conjunction with the product label, to ensure that any varietal restrictions or other warnings are complied with. This is particularly (but not exclusively) relevant for crop descriptors which encompass a wide range of species e.g. 'ornamental plant production'.

The list will be updated as necessary; changes will be recorded in the <u>table</u> at the end of this introductory section.

Structure

The List is arranged in four levels.

Level 1

This divides all possible uses of PPPs into 3 categories: **All Edible Crops**, **All Non Edible Crops** and **Non-Crop Production.** The Notice of Authorisation may list one or more of these as an authorised use if the PPP can be used on the full range of crops/situations covered by any of these categories.

Levels 2 and 3

Each of the 3 categories above is then divided into **Primary groups** which may in turn then be sub-divided into **Parent groups**;

e.g. Under **All Edible Crops**, one of the **Primary groups** is 'Fruit and Nuts' which is sub-divided into the 8 **Parent groups** 'Tree Nuts, Pome Fruit, Stone Fruit, Table and Wine Grapes, Strawberries, Cane Fruit, Bush/Small Fruit and Miscellaneous Fruit'.

However, these terms will not be used on Notices of Authorisation to describe authorised uses but they are there to help with search functions on our PPP databases. These terms must NOT be used in applications for authorisation.

Level 4

The above are finally divided into the **Basic Crop/Situation** descriptors which are the uses that will usually be specified on Notices of Authorisation and PPP labels. These are the terms that must be used in application forms and draft labels, as applicable to your application. Each descriptor is accompanied by a **Definition** to fully describe the specific crops and situations that may be treated with a product authorised for that **Basic Crop/Situation**. See also 'Inclusion of very minor crops' below.

Qualifiers

The List also includes a number of **Qualifiers.** These can be used on a Notice of Authorisation to further restrict/ modify any of the **Basic Crop/Situations** if appropriate. *e.g.* the **Qualifier** 'seed crop' can be used to restrict a use on 'grassland' to that being grown for seed production only (where a lesser consumer risk assessment may be required). In this case the Notice of Authorisation would state 'Grassland (seed crop)'. A list of these **Qualifiers** with a further description of what they mean is available at the end of the document.

Maximum Residue Levels (MRLs)

For each edible crop **Basic Crop or Situation**, the relevant commodity code as listed in Annex I of Regulation (EC) 396/2005 [The Maximum Residue Levels (MRL) Regulation] is specified so that you can identify the MRL that will apply to that specific crop

The MRL commodity codes referred to in this document are those that were agreed and voted through at the September 2017 Standing Committee on Plants Animals Food and Feed (Pesticide Residues section) under proposal SANTE/2017/10257). At time of uploading this revision of the Crop Definitions List, SANTE/2017/10257 is awaiting the completion of European Parliament and Council scrutiny, to be followed by publication by means of a Commission Implementing Regulation, after which the revised codes will come into legal effect. Whatever the date of publication, once the Implementing Regulation comes into force it will apply the revised codes from 1 January 2018.

The List does not detail all crops to which an MRL applies as many of these would not be grown commercially in the UK. However, under **All Edible Crops** in the **Primary Group** 'Stored products', section, there are MRLs specified which will allow for authorisations to treat imported produce which may not be grown in the UK. Additional advice on 'Stored products' is given below.

Crop Categories

In the UK, crops can be described as major or minor (and sometimes 'very minor') depending on the amount of that crop grown in the UK.

Major UK crops are; grassland, barley, forage maize, oats, wheat, dry harvested field beans, oilseed rape, sugar beet and potatoes (other than seed). Major crops are generally not eligible for Extensions of Authorisation for Minor Use (EAMU) authorisations (in accordance with Article 51 of Regulation (EC) 1107/2009).

All other crops are considered minor and can be considered for an EAMU (subject to demonstration of need and an acceptable risk assessment).

In addition, there are a number of crops grown (or potentially grown) on a very small scale, where the risk to humans and the environment and the maximum residue level is the same as another crop. These are described as 'very minor crops'. Further information on how these are addressed with the Crop Definitions List is given under the heading 'Inclusion of very minor crops' below.

Inclusion of very minor crops

Commission Regulation (EU) No 752/2014 expands on previous versions of Annex I of Regulation (EC) 396/2005, in that it identifies numerous very minor crops to which applies the same MRL as a more widely grown crop. HSE has taken this opportunity to expand on the **Basic Crop/Situation** definitions to include some of these very minor crops.

These very minor crops are only included where they have the same MRL commodity code and are subject to same environmental and human risk assessment as the **Basic Crop or Situation**. These are identified in the **Definitions** column under a sub-heading 'Minor uses' and appear in grey text.

Growers may apply products which are authorised on a particular **Basic Crop or Situation** (*e.g.* 'blueberry'), to the very minor crops which are detailed within that **Definition** *e.g.* 'Haskaps/blue honeysuckles' amongst others. These very minor crops will not appear on product labels or authorisations.

Important note: Efficacy [effectiveness and crop safety] is unlikely to have been demonstrated for these very minor crops, and if using on these crops, growers are responsible for the risks to the crop in terms of both effectiveness and crop safety. The commercial risk is entirely the grower/users'. Before use on these very minor crops, growers should carefully check the product label, and are advised to treat a small area first.

Stored produce

The existing UK **Basic Crop or Situations** for stored food stuffs have been retained (from the previous Crop Hierarchy) *e.g.* nuts, grain and pulses. These allow for relatively simple authorisations to be given for a wide range of plant products in store without having to detail every type of grain or nut on the authorisation and label. This would be considered most relevant for e.g. for broad spectrum insecticides used in store. Exceptions may be specified *e.g.* if the required MRL is not in place for a particular commodity which falls within these more broadly defined basic crops.

Conversely some authorisations for stored products will be specific to particular crops. This is mostly likely for plant growth regulators used for *e.g.* sprout suppression in potatoes or to control fruit ripening in specific fruits. In these instances an authorisation specific to the **Basic Crop or Situation** with a **Qualifier** is more likely to be relevant *e.g.* 'potato (post harvest use)', or 'banana (post harvest use)'.

EPPO codes

It is the intention that EPPO crop codes will additionally be added to the List, but this will follow in a future revision.

Key Amendments/ additions to the Crop definitions list

Date of change	Brief description of the change
February 2016	Basic crop 'game and wildlife crops' removed and definition merged with basic crop 'Green cover on land not
	being used for crop production'
February 2016	Qualifiers 'winter' and 'spring' revised to better reflect growers own commercial risk if using on spring varieties
-	sown in winter and vice versa.

Revised November 2017

December 2017	Basic crop 'Soya bean (fresh) deleted. This use is now covered as a very minor use under 'Beans without
	pods (fresh)' and 'Dwarf French beans'. Warning that Soya bean (dry) will be deleted in 2020.
December 2017	Basic crop 'forest nursery' removed and merged with ornamental plant production
December 2017	Additions of various new very minor crops (includes kaffir lime and chia)
December 2017	Reflects the clarification of applicable MRL for Seakale (was previously considered to be (0270990))
December 2017	Warning that the MRL for ginger will be changed to that for 'horseradish' in 2020.
December 2017	Qualifier changes; 'grown in recycling hydroponic systems' deleted, with some small changes to those
	relating to types of growing media, 'pharmaceutical use only' added

THE CROP DEFINITIONS LIST

Structure of the definitions list, including links to the individual sections:

All Situations						
ALL EDIBLE CROPS	ALL NON EDIBLE CROPS	NON CROP PRODUCTION				
Fruit and Nuts Vegetables Pulses (Dry) Oilseeds and Oilfruits Cereals Tea, Herbal infusions Hops Spices Sugar Plants Agricultural Herbage and Fodder Crops Stored Products	Green Cover Forestry Industrial Crops Ornamentals	Indoors Amateur Products Aquatic Area Industrial and Amenity Areas Plant Free Areas Other Situations				

List of Crop Qualifiers

ALL EDIBLE CROPS

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
Fruit and Nuts	Tree Nuts	Almond	Prunus dulcis grown for its nuts. Very minor crop: Bitter almonds.	Almonds (0120010)
		Chestnut	All varieties of sweet chestnut (Castanea sativa, C. Crenata, C. dentata, C. mollissima, C. Sativa) grown for their nuts.	Chestnuts (0120040)
		Hazelnut	All varieties of Hazel or cob (Coryllus avellana) and Filbert (C. maxima) grown for their nuts.	Hazelnuts (0120060)
		Walnut	All varieties of <i>Juglans regia</i> grown for their nuts. Includes <i>Juglans nigra</i> .	Walnuts (0120110)
	Pome Fruit	Apple	All varieties of <i>Malus</i> , producing cooking and dessert or cider apples. Propagated by grafting. Includes small fruited crab apples. Very minor crop: Tejocotes, <i>Crataegus mexicana</i> grown for its fruit	Apples (0130010)
		Pear	Pyrus communis grown for fruit. Very minor crop: Nashi/oriental pears, Chinese white pears.	Pears (0130020)

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Quince	Cydonia oblonga grown for fruit or as rootstock for pears. Includes Japanese and Chinese quinces.	Quinces (0130030)
		Medlar	Mespilus germanica grown for fruit	Medlar (0130040)
	Stone Fruit	Apricot	All varieties of <i>Prunus armeniaca</i> grown for their fruit. Very minor crop: Japanese apricot/ Chinese plum (<i>Prunus mume</i>), <i>Nectacots (P. Armeniaca x P. Persica</i> var Inucipersica) and other hybrids of apricots and plums e.g. <i>Atriums</i> , <i>Plots</i> .	Apricots (0140010)
		Cherry	All varieties of sweet and sour cherries (<i>Prunus axiom</i> , <i>P. Creases</i> , <i>P. Serotine and P. Virginian</i>) and their hybrids. Includes black cherries, Capelins, choke cherries. Very minor crop: Nanking cherries (<i>P. Tormentors</i>) and cornelian cherries (<i>Cronus mas</i>).	Cherries (0140020)
		Peach and nectarine	All varieties of <i>Prunus personae</i> with either velvet skinned fruit (peach) or smooth skinned fruit (nectarine)	Peaches (0140030)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Plum	All varieties of <i>Prunus domestic</i> . Inclues damons, bullae, gages, mirabelles, plumose. Aso includes fruit of the blackthorn (<i>Prunus Spinoza</i>) Very minor crops: American plums (<i>P. Americana</i>), Japanese plums (<i>P. Salacia</i>), cherry plums (<i>P. Creasier</i>), Prunus Nadia ® (<i>P. silicone x P. axiom</i>)	Plums (0140040)
	Table and wine grapes	Table grapes	,	Table grapes (0151010) Until 1/1/2017 MRLs of 0154070 Areoles/ Mediterranean meddlers applied to kiwi berries
		Wine grapes	All varieties of <i>Vitus viniferous</i> grown for winemaking. Very minor crops: Amur river and Muscatine grapes	Wine grapes (0151020)
	Strawberries	Strawberry	All species, hybrids and derived varieties of <i>Fragaria</i> grown for fruit. Very minor crops: Musky strawberries and wild strawberries.	Strawberry (0152000)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Cane Fruit	Blackberry	Rubus fruticose agg. grown for their fruit. Includes R. Ulmifolius and R. Laciniatus.	Blackberries (0153010)
		Loganberry and Rubus hybrid	Loganberry (<i>Rubus x longanobaccus</i>), and Dewberry (<i>Rubus ceasius</i>) grown for their fruit. Very minor crops: Other species and hybrids of Rubus not included elsewhere, includes boysen berries, marionberry, veitchberry, phenomenal berry, olallieberries, tayberries, thimbleberries, youngberries.	Dewberries (0153020)
		Raspberry	Rubus idaeus grown for their fruit. Very minor crops: Wineberry (Rubus phoenicolasius), arctic blackberry (Rubus arcticus), nectar raspberry (Rubus arcticus x idaeus), Black raspberries (Rubus occidentalis), Korean black raspberries (R. Coreanus), Korean raspberries (R. Cratagifolius)	Raspberries (0153030)

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Bush/small fruit	Blueberry	Vaccinium corymbosum grown for their fruit. Includes huckleberries. Very minor crops: The following when grown for their berries, Aronia/ choke berries, bear berries, Haskaps/blue honeysuckles, European barberries, golden currant, josta berries, juneberries, myrtle berries, salal/ shallon berries, sea buckthorn, service berries, Worcester berries, ugniberries	Blueberries (0154010)
		Bilberry	Vaccinium myrtillus also known as myrtle grown for their fruit. Includes, bog bilberries, red bilberries, cow berries, lingonberries.	Blueberries (0154010)
		Cranberry	Cranberry (Vaccinium oxycoccus) and Large or American cranberry (V. macrocarpon) grown for their fruit. Very minor crops: Cloudberries (Rubus chamaemorus), crowberries (Empetrum sp.), muntries, partridge berries grown for their fruit.	Cranberries (0154020)
		Gooseberry	Ribes uva-crispa syn Ribes grossularia (green, red and yellow gooseberries).	Gooseberries (0154040)
		Blackcurrant and redcurrant	Ribes nigrum and Ribes rubrum grown for fruit (includes black, white and redcurrants).	Currants (red, black and white) (0154030)
		Rose hips	Rosa spp grown for fruit.	Rose hips (0154050)

Primary group		Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Mulberry	Morus spp grown for fruit (black and white).	Mulberries (0154060)
		Elderberry	All varieties of cultivated elderberry (Sambucus nigra) Very minor crops: bay berries, buffalo berries, che berries, dwarf elderberries, guelder rose berries, hawberries, midland hawberries, phalsa fruits, riberries, mountain ash/ rowan berries, saskatoons/ pacific serviceberries, sliver berries/ Russian olives, Sorb berries/ sorb apples.	Elderberries (0154080)
	Miscellaneous Fruit	Fig	Any variety of <i>Ficus carica grown</i> for fruit production.	Figs (0161020)
		Table olives	Olea Europea for consumption of the fruit. Very minor crops: Chinese black olives, Chinese white olives	Table olives (0161030)
		Kiwi	Actinidia deliciosa syn. A. Chinensis grown for its fruit.	Kiwi (0162010)
Vegetables	Root and Tuber Vegetables	Potato	All varieties of Solanum tuberosum grown for tuber production.	Potatoes (0211000)
		Sweet potato	Any variety of <i>Ipomoea batatas</i> grown for tuber production.	Sweet potato (0212020)

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Carrot	All varieties of <i>Daucus carota</i> (includes coloured varieties and baby carrots).	Carrots (0213020)
	Celeriac	Apium graveolens var rapaceum grown for the swollen base of the stem.	Celeriac (0213030)
	Jerusalem artichoke	All varieties of Helianthus tuberosus. Very minor crops: Crosnes/Chinese Artichokes, mashua, oca/New Zealand yam, pale leaf sunflower and tuberous pea grown for their tubers.	Jerusalem artichokes (0213050)
	Parsley root	Petroselinum crispum var. tuberosum grown for its root. Very minor crops: The following when grown for consumption of their roots; Hamburg Parsley, angelica, burnet saxifrage, lovage, nettle and turnip rooted chervils.	Parsley root (0213070)
	Salsify	All varieties of Salsify (Tragopogon porrifolius) and Scorzonera (Scorzonera hispanica). Very minor crops: Burdocks, skirrets, Spanish salsifies and rampion when grown for their roots	Salsify (0213090)
	Parsnip	All varieties of Pastinaca sativa.	Parsnips (0213060)
	Red beet	Beetroot, varieties of <i>Beta vulgaris</i> grown for their swollen hypocotyl.	Beetroot (0213010)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Horseradish	All varieties of <i>Armoracia rusticana</i> . Very minor crop: Dandelion and	Horseradish (0213040)
		gentian when grown for their roots	From 1 January 2020 the MRLs that apply to ginger, fingerroot, galangal and wasabi root will be those set for fresh horseradish in the category grouping 'vegetables fresh or frozen' (MRL code 0213040). The MRL set for fresh horseradish will also apply to dried ginger and dried horseradish. From 1 January 2020 the MRLs set for ginger spice and horseradish spice (under MRL codes 0840020 and 0840040) will no longer apply to ginger and horseradish marketed in dried form. Where appropriate a processing (drying) factor will need to be applied to determine whether any residue found in dried ginger or horseradish is compliant with the MRL set for fresh horseradish.
	Radish	All varieties of Raphanus sativus = Brassica sativus grown primarily for their swollen hypocotl and upper root including Mooli/ Japanese radish, black radish, small radish (and similar varieties). Very minor crops: Maca, tiger nuts	Radishes (0213080)
	Swede	Brassica napus var. napbrassica growr for their roots.	Swedes (0213100)

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Turnip	Varieties of <i>Brassica campestris</i> subsp rapifera (syn <i>B. rapa</i>) grown primarily for their roots (including leaves used for animal food). (For turnip greens harvested for human consumption refer to oriental cabbage) Very minor crop: Tuberous rooted mustards	
	Bulb Vegetables	Garlic	Allium sativum grown for its pungent cloves. Includes twisted leaf garlic.	Garlic (0220010)
		Bulb onion	Varieties of Allium cepa grown for harvest when the bulbs are mature. Includes cocktail (silverskin) onions. Very minor crops: pearl onions Rakkyo/Chinese onions	Onions (0220020)
		Shallot	Varieties of <i>Allium cepa</i> whose bulbs freely produce lateral bulbs. Very minor crops: French grey shallots and Persian shallots	Shallots (0220030)

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Salad onion	Varieties of Allium cepa or Allium fistulosum and their hybrids harvested as immature bulbs, includes spring onions, welsh onions, (where the shoot is also consumed). Very minor crops: Egyptian walking onions	Spring onions (0220040)
	Fruiting Vegetables	Aubergine	Solanum melongena grown for their fruit. Very minor crops: Pepinos, African Eggplants (Solanum macrocarpon), Ethiopian eggplants, pea aubergines, thornapple (Solanum incanum).	Aubergines (egg plants) (0231030)
		Tomato	All varieties of Solanum lycopersicum L. (previously Lycopersicon esculentum) grown for their fruit, including cherry varieties. Very minor crops: Ground cherries, cape gooseberries, gojiberries, litchi tomatoes, tomatillos.	Tomatoes (0231010)

Primary group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Pepper and chilli	All varieties of <i>Capsicum sp.</i> grown for their fruit. (Includes sweet, cayenne and chilli peppers) Please note that the above definition applies to previous authorisations which were granted for 'Pepper', 'Cayenne pepper' or 'Chilli Pepper'. Growers should however check label advice regarding supported varieties.	Peppers (0231020)
	Okra	Abelmoschus esculentus, grown for its fruit. Also known as Lady's fingers.	Okra, lady's fingers (0231040)
	Courgette and summer squash	Varieties of marrow (<i>Cucurbita pepo</i>) grown for harvest while the skin is still edible and consumption whole. Includes zucchini, English (or vegetable) marrow, patisson. Very minor crops: Angled luffa (<i>Luffa actuangula</i>), bottle gourds (<i>Lagenaria siceraria</i>), chayotes (<i>Sechium edule</i>), lvy gourds (<i>Coccinia grandis</i>), pointed gourds (<i>Trichosanthes dioica</i>), snake gourd (<i>Trichosanthe scucemerina var. anguina</i>), bitter gourd/karalla/sopropo (<i>Mormodica charantia</i>)	Courgettes (0232030)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Cucumber	All varieties of <i>Cucumis sativus</i> grown for their fruit. Very minor crops: Armenian cucumbers (<i>C. melo var. flexuosus</i>) and Indian curry cucumbers (<i>Cucumis sativus</i>)	Cucumbers (0232010)
	Gherkin	Cucumis sativus grown for their small fruit. Also includes bur gherkins Cucumis anguria.	Gherkins (0232020)
	Melon	All varieties of <i>Cucumis melo</i> , including cantaloupe and ogen. Very minor crops: Kiwano (<i>Cucumis metuliferus</i>).	Melons (0233010)
	Winter squash and pumpkin	Pumpkins and winter squash grown for harvest mature and needing to be peeled before consumption (<i>Cucurbita maxima</i> , <i>C. moschata</i> and <i>C. mixta</i>). Includes late varieties of <i>C. Pepo</i> with inedible skin. Very minor crops: Winter melons/winter gourds (<i>Benincasa hispida</i>)	
	Watermelon	All varieties of Citrullus vulgaris syn <i>C. lanatus</i> grown for its fruit with a nonedible peel.	Watermelons (0233030)

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Sweetcorn	Varieties of maize (<i>Zea mays</i>) grown for harvest when the endosperm is still soft and sweet for consumption as a vegetable. Includes baby corn.	Sweet corn (0234000)
(cro	Brassica vegetables (crops harvested beyond the 8 true leaves stage)	Broccoli/calabrese	Varieties of <i>Brassica oleracea</i> var. italica grown for their immature inflorescences. Includes all forms of purple, green and white sprouting broccoli and calabrese. Including Chinese broccoli/Kai-lan, broccoli raab (<i>Brassica rapa</i>) and tenderstem broccoli.	Broccoli (0241010)
		Choi Sum	Brassica chinensis var. parachinensis (syn B. rapa subspecies chinensis var. parachinensis) or B. campestris (Tsoisim) grown for young flowering shoots. Also known as Pak Choi Sum	Broccoli (0241010)
		Cauliflower	Varieties of <i>Brassica oleracea</i> var. botrytis grown for their immature inflorescences. Includes Romanseco cauliflower/ broccoli.	Cauliflower (0241020)
		Brussels sprout	Varieties of <i>Brassica oleracea</i> var. gemmifera grown for their enlarged axillary buds. Very minor crops: Flower sprouts/ kalettes	Brussels sprout (0242010)

Basic Crop or Situation		Applicable crop commodity for MRL purposes
Cabbage	Varieties of <i>Brassica oleracea</i> var. capitata grown for harvest once a 'head' has formed Includes pointed head cabbage, red cabbage, Savoy cabbage, white cabbage.	Head cabbage (0242020)
Oriental cabbages	Leaves of all varieties of Brassica rapa subspecies pekinensis, chinesis, perviridi, nipposinica or rapa groups and oriental varieties of Brassica juncea harvested beyond the 8 true leaf stage. Includes headed and nonheaded/ loose leaved varieties. Includes Peking cabbage (pe-tsai), Chinese flat cabbage/ tai goo choi (Brassica rapa var. rosularis), Indian mustards (Brassica juncea), komatsuna / mustard spinaches (Brassica perviridis), Mizuna (Brassica rapa subsp. nipposinica) pak choi (Brassica chinensi), turnip greens/turnip tops. (See also separate entry for red mustard) Please note that the above definition applies to previous authorisations which were granted for 'Chinese cabbage', 'Komatsuna' or 'Pak choi'.	Chinese cabbage (0243010)

Primary group		Basic Crop or Situation		Applicable crop commodity for MRL purposes
			Varieties of cabbage <i>Brassica oleracea</i> var. capitata or Brassica <i>oleracea var</i> acephala grown for harvest as 'spring greens' before the 'head' has formed. Includes <i>B. Napus</i> when grown for leaf production (e.g. as 'sag', rape kales). Includes use on kohl rabi when grown for its leaves as opposed to its swollen base.	Kale (0243020)
			Varieties of <i>Brassica oleracea</i> var. acephala or <i>Brassica napus</i> grown as winter greens. Includes, curly kale (borecole), black cabbage, cavolo nero, cow cabbage, Portuguese Kale, Portuguese cabbage. Very minor crop: Radish leaves	Kale (0243020)
		Kohlrabi	Varieties of <i>Brassica oleracea</i> var. gongylodes grown for the edible swollen base to the stem.	Kohlrabi (0244000)
	Leaf Vegetables and fresh herbs	Endive		Escaroles / broad leaved endive (0251030)

Revised November 2017

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Baby leaf crops	Young leaves and petioles of any crops grown for harvest beyond the seedling stage (after true leaves have formed) but before the 8 true leaf stage. Includes chards/ beet leaves, scarole, oriental brassicas, lettuces, spinaches, peas and beans. Please note that the above definition applies to previous authorisations which were granted for 'Leafy brassicas crops grown for baby leaf production', 'salad greens', 'leaves and shoots' or 'leaves and shoots of brassicas production'	Baby leaf crops (including brassica species) (0251080)

Primary group Pare	 Basic Crop or Situation		Applicable crop commodity for MRL purposes
			Cresses and other sprouts and shoots (0251040)
		Very minor crops: the following when consumed as seedlings (before true leaves have developed): Pea sprouts (Pisum sativum), daikon cress (Raphanus sativus var longipinnatus), rucola cress (Eruca sativa), broccoli cress (Brassica oleracea var. Italica), mung bean sprouts (Vigna radiata), soybean sprouts (Glycine max), alfalfa sprouts (Medicago sativa subsp sativa), chinese/garlic chive sprouts (Allium tuberosum), ginger shoots (Zingiber officinale), sunflower shoots and sprouts (Helianthus annus), cereals grass/ cereals shoots.	
		Barbera verna or winter cress grown as a salad plant and harvested after the 8 true leaf stage.	Land cress (0251050)
		Valerianella locusta grown for its leaves. Includes Italian corn salad (Valerianella eriocarpa) and harvested after the 8 true leaves stage.	Lamb's lettuce (0251010)

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Lettuce	All varieties of <i>Lactuca sativa</i> grown for use as salad vegetables and harvested after the 8 true leaves stage. Including head lettuce, cutting lettuces, lollo rosso, lollo bionda, iceberg lettuce, romaine (cos) lettuce.	
	Rocket	All varieties of <i>Eruca sativa</i> grown primarily for use as salad vegetables and harvested beyond the 8 true leaf stage. Very minor crop: Wild/ Wall Rocket (<i>Diplotaxis tenuifolia</i>).	Rocket, Rucola (0251060)
	Red mustard	Brassica juncea var rugosa grown for its leaves.	Red mustard (0251070)
	Spinach	All varieties of Spinacea oleracea grown for their leaves and harvested after the 8 true leaves stage. Minor uses: Leaves of the following; Oraches (Atriplex hortensis), New Zealand spinach (Tetragonia tetragoniodes), Amaranths / Chinese spinaches/ pak-khom (Amaranthus blitum, A. Cruentus, A. Dubius, A. Tricolor, A. Viridis)), black eyed pea/cow pea leaves (Vigna unguiculata var unguiculata), oraches, tajer leaves (Xanthosoma sagittifolium), bitterblad / bitawiri (Cestrum. latifolium), bitterleaves (Veronia spp.).	Spinaches (0252010)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Spinach beet	All varieties of <i>Beta vulgaris</i> grown solely for their leaves and harvested beyond the 8 true leaf stage. Including Swiss chards, seakale-beet, bull's blood, beetroot leaves.	Chard/beet leaves (0252030)
		Purslane	Portulaca oleacea grown for its leaves. Includes garden purslane, common purslane. Very minor crops: winter purslane / miner's lettuce (Montia perfoliata), glasswort/ Samphire (Salicornia europaea), Rock samphires (Crithmum maritimum), Sea Asters (Aster tripolium), Sea Lavenders (Limonium vulgare).	
		Watercress	Nasturtium officinale and N. microphyllum x officinale grown primarily for use in salads. Very minor crops: Morning glory/ Chinese convolvulus (Ipomea aquatic), Malabar nightshades (Basella alba).	Watercress (0254000)

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Chicory (witloof)	All varieties of <i>Cichorium spp</i> grown for their chicons (plump leafy heads) by forcing of 'chicory roots'. Includes witloof, radicchio. This definition refers to treatments made during the forcing phase of production. For earlier treatments made in the field phase, refer to Chicory Root. Very minor crop: Dandelion roots (forced) (<i>Taraxacum officinales</i>) (See also Endive)	Witloof (0255000)
	Angelica	Angelica archangelica leaves and stems. ¹	Celery leaves (0256030)
	Balm	All varieties of <i>Melissa</i> , includes lemon balm (<i>Melissa officinalis</i>). ¹	Basil (0256080)
	Basil	Ocimum sp.grown for their fragrant leaves. Includes Greek bush basil, hoary basil, holy basil, sweet basil, hairy basil, Thai basil. Very minor crops: The following when grown for their fragrant leaves; pennywort, lesser calamint, Vietnamese mint.	Basil (0256080)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Bay	Laurus nobilis grown for its leaves. Very minor crop: The following when grown for their fragrant leaves curry leaves, wild betel leaves and kaffir lime	Bay leaves (laurel) (0256090)
	Salad burnet	Sanguisorba sp. Grown for their leaves as a salad vegetable ¹ .	Celery leaves (0256030)
	Caraway leaves	Carum carvi grown for leaves ¹ .	Celery leaves (0256030)
	Celery leaves	Apium graveolens grown for leaves ¹ . Very minor crops: The following when cultivated for their leaves; culantro/ false coriander, fenugreek leaves, rue, pimpernel/ greater burnet-saxifrage, herb of grace/ rue, sorrel/ dock (Rumex spp).	Celery leaves (0256030)
	Chervil	Anthriscus cerefolium grown for its leaves ¹ .	Chervil (0256010)
	Chives	Allium schoenoprasum when grown for its leaves¹. Very minor crops: The following when cultivated for their leaves; Chinese chives/ oriental garlic/ garlic chives, Ramsons/ wild garlic.	Chives (0256020)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Coriander leaves	Coriandrum sativum grown for leaves ¹ .	Celery leaves (0256030)
	Dill leaves	Anethum graveolens grown for its leaves ¹ .	Celery leaves (0256030)
	Fennel leaves	Foeniculum vulgare grown for its leaves ¹	Celery leaves (0256030)
	Hyssop	Hyssopus officinalis grown for its leaves ¹	Tarragon (0256100)
	Lovage leaves	Levisticum officinalis grown for its leaves ¹	Celery leaves (0256030)
	Mint	Mentha spp. Including applemint, bergamot mint/ eau-de cologne mint, Corsican mint, spearmint, peppermint, gingermint, pineapplemint, pennyroyal, lemon peppermint, water mint. 1	Basil (0256080)
	Marjoram	Origanum majorana grown for its leaves. 1	Thyme (0256070)
	Oregano	Origanum vulgare, Origanum heracleoticum, Cretan/ Turkish oregano (O. Onites),Syrian oregano (O. Syriacum). 1	Thyme (0256070)
	Parsley	Petroselinium crispum Includes Petroselinum crispum var. tuberosum grown for its leaves. 1	Parsley (0256040)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Rosemary	Rosmarinus officinalis grown for its leaves. Very minor crops: santolina /green cotton lavender (Santolina rosmarinifolia), green santolina (Santolina viridis).	Rosemary (0256060)
	Sage	Salvia officinalis. Includes Greek and Mexican sage grown for their leaves. 1 Very minor crops: borage (Borago officianali) and curry plant (Helychrsum italicum) when grown for consumption of their foliage only.	Sage (0256050)
	Savory	Satujera spp. (includes summer, winter and lemon savory). 1	Sage (0256050)
	Sweet cicely	Myrrhis odorata grown for its leaves. 1	Celery leaves (0256030)
	Tarragon	Artemesia dracunulus grown for its leaves. Includes Russian tarragon A. Dracunuloides ¹ . Very minor crops: The following when grown for consumption of their foliage; Nettle (Urtica dioica), Mexican oregano, Aztec sweet herb, epazote/mexican tea, lemongrass, Stevia	Tarragon (0256100)

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Thyme	Thymus spp. Including T. vulgaris, T.citriodorus (Lemon thyme), T.serpyllum (mother of thyme/ creeping thyme), Mastic thyme (T. Mastichina) ¹ .	Thyme (0256070)
		Edible flowers	Marigold (<i>Tagetes sp.</i> and <i>Calendula sp.</i>) Nasturtium (<i>Tropaeolum sp.</i>), Violet (<i>Viola spp.</i>) and other small herbaceous plants grown for their edible flowers. (See also rose under Herbal Infusions).	Basil (0256080)
		Herb (others)	Any herb not listed separately in this Definitions List and grown for consumption of the leaves ¹ .	Herbs: Others (0256990)
	Legume Vegetables (fresh)	Lentil (fresh)	Lens culinaris grown for their seed and harvested fresh. Very minor crops: Lupins/ lupini beans when grown for human consumption and harvested fresh (excludes forage/ fodder uses).	Lentils (0260050)
		Broad Bean (fresh)	Varieties of the species <i>Vicia faba</i> picked green for human consumption.	Beans (without pods) (0260020)

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Dwarf French beans	All varieties of <i>Phaseolus vulgaris</i> where the whole pod is eaten. Very minor crops: The following when grown for human consumption of the bean in the pod; Azuki/ Adzuki beans, Black eyed peas/cow peas, Ervils/lentil vetches, Guar beans, Jack beans, Lablab/hyacinth beans, Butter beans, Monantha vetches, Mung beans, Rice beans, Stink beans, Vetches, Yard long beans. Also includes soyabeans/edamame when traded in the pods,	Beans (with pods) (0260010)
	Runner beans	Phaseolus coccineus harvested as fresh green pods, where the whole pod is eaten.	Beans (with pods) (0260010)
	Beans without pods (fresh)	All varieties of <i>Phaseolus</i> bean for consumption fresh following removal from the pod. Very minor crops: The following when grown for human consumption of the bean after removal from the pod; Azuki/Adzuki beans, Black eyed peas/cow peas, Ervils/lentil vetches, Guar beans, Jack beans, Lablab/hyacinth beans, Butter beans, Monantha vetches, Mung beans, rice beans, soyabeans/edamame, Stink beans, Vetches, Yard long beans.	Beans (without pods) (0260020)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Historical term. This has been moved under the basic crops 'beans without pods (fresh)' and 'dwarf French beans'. It has been refined in the interim to cover any current authorisations.	
	Edible podded pea	Varieties of common pea (e.g. <i>Pisum sativum</i>) where the whole green pod is eaten. Includes sugar snap, snow peas and Mange tout. Very minor crops: The following when grown for human consumption of the fresh pea in the pod; Asparagus pea, Chickling vetches, Chick peas, Pigeon peas.	Peas (with pods) (0260030)
	Vining pea	Varieties of common pea (<i>Pisum</i> sativum) harvested green for canning, freezing or marketing fresh. Very minor crops: The following when grown for human consumption of the fresh pea after removal from the pod; asparagus pea, chickling vetches, chick peas, pigeon peas.	Peas (without pods) (0260040)
Stem Vegetables (fresh)	Asparagus	Asparagus officinalis grown for consumption of the young shoots or spears.	Asparagus (0270010)
	Cardoon	Cynara cardunculus grown primarily for its stems for use as a vegetable.	Cardoons (0270020)

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Celery	Apium graveolens grown for consumption of its leaf stalks.	Celery (0270030)
		Florence fennel	Varieties of Foeniculum vulgare, also known as finocchio, grown for consumption of its leaf stalks.	Fennel (0270040)
		Globe artichoke	Varieties of <i>Cynara scolymus</i> grown for consumption of their young flower heads.	Globe Artichoke (0270050)
		Leek	Allium ampeloprasum grown for their enlarged leaf bases. Includes kurrat/ Egyptian leek.	Leek (0270060)
		Rhubarb	Rheum rhabarbarum grown for consumption of its leaf stalks.	Rhubarb (0270070)
		Seakale	Crambe maritima grown for consumption of its leaf stalks (not to be confused with "seakale beet" – see spinach beet).	Chinese cabbage (0243010)
	Fungi	Mushroom	All cultivated edible mushrooms [including: Common mushroom, Oyster mushroom, Shi-take]	Cultivated fungi (0280010)
Pulses, Dry		Field bean	Varieties of the species Vicia faba harvested dry (also known as horse or tic bean).	Beans (0300010)

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Beans without pods (dry)	Varieties of <i>Phaseolus bean</i> harvested dry. Includes Borlotti beans, cannelini beans, common beans, flageolets. Very minor crops: The following when harvested dry for human consumption; Azuki/ Adzuki beans, Black eyed peas/cow peas, Ervils/lentil vetches, Guar beans, Jack beans, Lablab/hyacinth beans, Butter beans, Monantha vetches, Mung beans, rice beans, soyabeans/edamame, Stink beans, Vetches, Yard long beans.	Beans (0300010)
	Chick pea	Varieties of <i>Cicer arietinum</i> harvested dry for human or animal consumption	Peas (0300030)
	Soya bean (dry)	for human or animal consumption	Beans (0300010) From 1 January 2020 MRL code 0300010 will no longer apply to soya beans. The definition for soya bean (dry) will be deleted and incorporated into 'soya bean (0401070) (as listed in the oilseed section).
	Lentils (dry)	Lens culinaris grown for their seed and harvested dry.	Lentils (0300020)
	Lupin	All <i>Lupinus</i> spp. Grown for consumption and harvested dry. Including white, yellow and blue lupins	Lupins (0300040)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Combining pea	Varieties of common pea (<i>Pisum</i> sativum) harvested when fully mature. Very minor crops: The following when harvested dry for human consumption, Chickling vetches, pigeon peas, chick peas.	Peas (0300030)
Oilseeds and oilfruits	Oilseeds	Evening primrose	Demothera biennis - grown for its oil	Borage (0401120)
		Linseed	Linum usitatissium - Linseed and Flax	Linseed (0401010)
	Oilseed rape	Brassica napus or B. campestris grown for oilseed. Also known as canola Including Bird rapeseed, turnip rape. Minor use: Radish (Raphanus sativus convar. oleifer) when grown for its seeds.	Rape seed (0401060)	
		Sunflower	Helianthus annus grown for oil or direct consumption.	Sunflower seed (0401050)
		Borage	Borago officianalis grown for oil. Very minor crops: The following when grown for oilseeds; Corn Gromwell (Buglossoides arvensis), Canary flower (Echium vulgare or Echium plantaginium also known as Viper's bugloss), honesty (Lunaria annua) Perilla (Perilla frutescens).	Borage (0401120)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Crambe	Crambe abyssinica otherwise known as Abyssinian mustard – grown as a source of industrial oil, with remaining meal incorporated into livestock feed.	Oilseeds: Others (0401990)
	Mustard	Brassica juncea (brown mustard), Brassica nigra (black mustard) and Sinapsis alba (white mustard) grown for use in condiments.	Mustard seed (0401080)
	Hemp	Cannabis sativa grown for a wide range of uses: oilseed, clothing, fibre.	Hempseed (0401140)
	Gold of pleasure	Camelina sativa grown for oil production.	Gold of pleasure (0401130)
	Рорру	Papaver somniferum. Poppy seed grown for human or animal consumption.	Poppy seed (0401030)
	Pumpkin seeds	Cucurbita pepo var. Oleifera and other Cucurbitaceae grown for oil or direct consumption. Very minor crop: watermelon seeds	Pumpkin seeds (0401100)
	Sesame	Sesamum indicum grown for oilseed production.	Sesame seed (0401040)
	Soya bean	Glycine Max grown for oilseed production.	Soya bean (0401070)

Primary group F	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Safflower	Carthamus tinctorius grown for oil production. Very minor crops: milk thistle seeds, niger seeds.	Safflower (0401110)
		Meadowfoam	Limnathes alba grown for oilseed.	Oilseed: Others (0401990)
Cereals		Barley	Hordeum vulgare and Hordeum distichon grown for its grain.	Barley (0500010)
	Buckwheat	Fagopyrum esculentum grown for its seeds. Very minor crops: The following when cultivated for their seeds; Kiwicha / Amaranth (Amaranthus caudatus, A. Cruentus, A. Hypochondriacus), Chia seeds (salvia hispanica).	Buckwheat (0500020)	
		Grain maize	Maize (Zea mays) grown for the harvesting of mature cobs / grain for animal or human consumption.	Maize (0500030)
	Millet	Any millet variety including <i>Panicum spp</i> . Very minor crops: The following when grown for human consumption of the grain: black and white fonio, canary grass, finger millet, Job's tears, pear millet, teff.	Millet (0500040)	
		Oats	Avena sativa grown for its grain.	Oats (0500050)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Rye	Secale cereal grown for its grain.	Rye (0500070)
		Sorghum	Sorghum spp. grown for its grain.	Sorghum (0500080)
		Triticale	Hybrid of wheat and rye (x <i>Triticosecale</i>) grown for its grain.	Wheat (0500090)
		Wheat	Bread or common wheat, <i>Triticum</i> aestivum grown for its grain.	Wheat (0500090)
			Very minor crops: Other species of <i>Triticum</i> such as durum wheat, einkorn wheat, emmer wheat, khorosan wheat and spelt. If the crop safety and effectiveness is supported on these minor wheat crops, a specific authorisation may be granted (most notably Durum wheat and Spelt).	
		Durum wheat	Triticum durum known as Durum or Semolina wheat grown for its grain. Note: Prior to April 2004 durum wheat was included under 'Wheat'	Wheat (0500090)
		Spelt	Triticum spelta grown for its grain.	Wheat (0500090)
		Quinoa	Chenopodium quinoa grown for its seeds.	Buckwheat (0500020)
Tea, Coffee, Herbal infusions and Cocoa	Tea	Tea (Camellia sinensis)	Camellia sinensis grown for its dried leaves, stalks and flowers whether fermented or otherwise treated.	Teas (0610000)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Herbal infusions	Chamomile	Anthemis nobilis grown for use of the flowers as a herbal infusion.	Chamomile flowers (0631010)
		Hibiscus flowers	Hibiscus sabdariffa grown for use of the flowers as a herbal infusion.	Hibiscus/ roselle flowers(0631020)
		Jasmine flowers	Jasminium officinale and Jasminium sambac when grown for the use of flowers as a herbal infusion.	Jasmine (0631040)
		Rose petals	Rosa species grown for use of the flowers as a herbal infusion. Very minor crops: The following plants when cultivated for use of their flowers in herbal infusions; bee balm, cat's foot, chrysanthemum, clary sage, cornflower, cowslip/ primrose, daisy, dyer's broom, elderflower, field poppy, great mullein, heather, hollyhock, larkspur, lavender, lavandin, mallow, meadowsweet, mullein, peony, red clover, safflower, sandy everlasting, St. John's wort, sweet violet, white dead nettle, yarrow.	Rose flowers (0631030)
		Lime flowers	Tillia cordata when used for its flowers as a herbal infusion.	Lime /linden flowers (0631050)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Strawberry leaves	Fragaria spp grown for its leaves. Very minor crops: The following when cultivated for use of their leaves in herbal infusions; agrimony, alfalfa/Lucerne, alpine ladies mantle, bearberry, bilberry, buchu, buckwheat, catnip/ catmint, centaury, chiretta, clary sage, clubmoss, common speedwell, common verbena, cornflower, cowberry, downy hemp nettle, Echinacea, field horsetail, fumitory, goats rue, golden root, goldenrod, ground ivy, hairy rupturewort, heartease, heather, herb bennet, holy thistle, horehound, ironwort/Greek mountain tea, knotgrass, ladies mantle, lemon myrtle, lemon verbena, mallow, marshmallow, meadowsweet, moldovian dragonhead, mugwort, mullein, oat, plantain, raspberry (red and yellow), red clover, ribwort plantain, rockrose, roman wormwood, shepherd's purse, silverweed, smooth rupturewort, St John's wort, sweet blackberry, sweet orange, sweet trefoil, sweet woodruff, tansy, toadflax, white deadnettle, wild angelica, wild strawberry, willowherb, wood betony,	Strawberry leaves (0632010)
	Ginkgo	yarrow, yellow bedstraw, yellow sweet clover Ginkgo when grown for its leaves for use in herbal infusions.	Mate/maté (0632030)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
		Valerian	Valeriana officinalis. grown for use of the root. Very minor crops: The following when grown for use of their root in herbal infusions blue flag, calamus, couch grass, cowslip/primrose, Echinacea, elecampane, fragrant sumac, golden root, herb bennet, marshmallow, Mexican valerian, pimpernel, rhatany, sarsaparilla, Seneca snake root, tormentil, wild angelica.	Valerian root (0633010)
		Mallow	All varieties of <i>Althaea officinalis</i> . Also known as Marshmallow	Valerian root (0633010)
		Ginseng	Panax spp. Grown for use of the root. Very minor crops: Siberian ginseng when grown for its root	Ginseng root (0633020)
Hops		Hops	All varieties of <i>Humulus lupulus</i> grown for brewing.	Hops (dried) (0700000)
Spices	Seed spices	Anise	Pimpinella anisum grown for seed for human consumption.	Anise (0810010)
		Black caraway	Bunium persicum grown for seed for human consumption. Very minor crop: Nigella sativa grown for its seed.	Black Caraway (0810020)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Celery seed	Apium graveolen grown for seed for human consumption. Very minor crops: lovage and angelica grown for their seeds.	Celery seed (0810030)
	Coriander seed	Coriandrum sativum grown for seed for human consumption. Very minor crop: Culantro/false coriander grown for its seed.	Coriander seed (0810040)
	Cumin seed	Cuminum cyminum grown for seed for human consumption.	Cumin seed (0810050)
	Dill seed	Anathum graveolens grown for seed for human consumption.	Dill seed (0810060)
	Fennel seed	All varieties of <i>Foeniculum vulgare</i> grown for seed for human consumption.	Fennel seed (0810070)
	Fenugreek seed	Trigonella foenum-graecum grown for seed for human consumption.	Fenugreek (0810080)
Fruit and berry spices	Caraway	Carum carvi grown for its seed-like fruits. Very minor crop: Ajowan grown for its seed-like fruits.	Caraway (0820040)
	Juniper berry	Juniperus communis grown for berries.	Juniper berries (0820100)
Roots or rhizome	Liquorice	Glycyrrhiza glabra grown for its roots.	Liquorice (0840010)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Ginger	Zingiber officinale grown for its roots	Ginger (0840020)
		Very minor crops: Includes fingerroot, lesser galangal, east Indian galangal, greater galangal, wasabi when grown for their roots	From 1 January 2020 the MRLs that apply to ginger, fingerroot, galangal and wasabi root will be those set for fresh horseradish in the category grouping 'vegetables fresh or frozen' (MRL code 0213040). The MRL set for fresh horseradish will also apply to dried ginger and dried horseradish.
			From 1 January 2020 the MRLs set for ginger spice and horseradish spice (under MRL codes 0840020 and 0840040) will no longer apply to ginger and horseradish marketed in dried form. Where appropriate a processing (drying) factor will need to be applied to determine whether any residue found in dried ginger or horseradish is compliant with the MRL set for fresh horseradish.
	Turmeric	Curcuma spp.grown for its roots for use as a spice Very minor crops: Includes asafoetida, temulawak and zedoary when grown for their roots for use as spices.	Turmeric (0840030)
Flower stigma	Saffron	Crocus sativus grown for use of its flower pistils.	Saffron (0860010)

Primary group	Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
Sugar Plants		Sugar beet	Varieties of <i>Beta vulgaris</i> composed largely of taproot and used for sugar production.	Sugar beet (root) (0900010)
	Chicory root	Varieties of <i>Cichorium intybus</i> grown for their roots, either for direct consumption (usually as coffee substitute) or for treatment during the field phase of witloof production i.e. for production of roots. For later treatments during the forcing stage refer to Chicory (witloof).	Chicory roots (0900030)	
Agricultural Herbage and Fodder crops		Mangel	Varieties of <i>Beta vulgaris</i> composed largely of hypocotyl, which are used as fodder.	Currently not applicable
		Fodder beet	Hybrids between sugar beet and mangels used as fodder.	Currently not applicable
		Fodder rape	Varieties of <i>Brassica napus</i> subspoleifera grown for fodder.	Currently not applicable
		Forage maize	Maize (<i>Zea mays</i>) grown for forage. Not for human consumption. (For human consumption use refer to grain maize)	Currently not applicable
		Canary grass	Phalaris canariensis grown for bird food. Also known as canary seed. (For human consumption use, refer to millet entry)	Currently not applicable

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	Grassland	Land grown for grass production includes short and long-term grass leys and permanent pasture, which may be grazed and /or cut for subsequent animal consumption. Includes use on newly sown leys and moorland for grazing (unless specifically excluded on the label/authorisation). Excludes use on amenity grass (see entries for 'Amenity grassland' and 'Managed amenity turf'	Currently not applicable
	Vetch	All varieties of vetches and tares grown for fodder. (For human consumption uses refer to entries for peas and beans)	Currently not applicable
	Lucerne	Lucerne or alfalfa (<i>Medicago sativa</i>) grown as a forage crop or other animal fodder (For human consumption of sprouts refer to cress)	Currently not applicable
	Sainfoin	,	Currently not applicable
	Red clover	All types of <i>Trifolium pratense</i> grown as a forage crop or other animal fodder. Includes grass clover mixtures where <i>T. pratense</i> forms, or will form, a majority of the biomass.	Currently not applicable

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	White clover	All types of <i>Trifolium repens</i> grown as a forage crop or other animal fodder s. Includes grass clover mixtures where <i>T. repens</i> forms, or will form a majority of the biomass.	Currently not applicable
Stored products The basic crop terms used in this parent group cover various related commodities. In some instances authorisations may include exclusions to the stored products 'basic crop' or may use a 'basic crop' from a different section (e.g. apple (post harvest use).	Processed consumable products	and vegetables potato starch, tobacco Individual authorisations may	The MRL which applies to stored processed product is that for the specific unprocessed raw commodity as described in Annex I of Regulation (EC) 396/2005. A specific processing factor may apply depending on the commodity treated and what it is treated with (see background section for further information).

Primary group	Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Grain	sorghum, quinoa and buckwheat. Very minor crops: Includes all stored grain to which MRL codes in the range 0500000 – 0500990 apply including	As relevant to the treated commodity: barley (0500010), buckwheat (0500020), maize (0500030), millet (0500040), oats (0500050), rice (0500060), rye (0500070), sorghum (0500080), wheat (0500090)
		Pulses	including peas, beans, lentils and lupins. Does not include legumes that	As relevant to the treated commodity: beans (0300010), lentils (0300020), peas (0300030), lupins (0300040)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Stored oilseeds and oilfruits	All bulk seeds and fruits with a high oil content destined for oil production or direct consumption, including, oilseed rape, linseed, sunflower seed, ground nuts or peanuts, olives for oil production, oils palm kernels Individual authorisations may specifically exclude some of these commodities if an appropriate MRL has not been set or if risk assessment requires it. Very minor crops: Includes all stored oilseeds and fruits to which the MRL codes 0400000 – 0402990 apply including those in part B of Annex I, Regulation (EC) 396/2005.	As relevant to the treated commodity: Linseed (0401010), peanuts/groundnuts (0401020), poppy seeds (0401030), sesame seeds (0401050), rapeseeds (0401060), soyabeans (0401070), mustard seeds (0401080), cotton seeds (0401090), pumpkin seeds (0401100), safflower seeds (0401100), safflower seeds (0401120), Gold of Pleasure seeds (0401130), Hemp seeds (0401140), Castor beans (0401150) Olives for oil production (0402010), oil palm kernels (0402020), oil palm fruits (0402030), kapok (0402040)
	Nuts	All stored tree nuts, including almond, brazil, cashew, chestnut, coconut, hazelnut, macadamias, pecans, pinenut kernels, pistachios and walnuts. Exclusions to the above may be required if MRLs are not in place for the whole group (or if risk assessment requires it). Very minor crops: Includes all stored tree nuts to which the MRL codes 0120000 - 0120990 apply including those in part B of Annex I, Regulation (EC) 396/2005.	As relevant to the treated commodity: almonds (0120010), brazil nuts (0120020), cashew nuts (0120030), chestnuts (0120040), coconuts (0120050), hazelnuts (0120060), macadamias (0120070), pecans (0120080), pinenut kernels (0120090), pistachios (0120100), walnuts (0120110)

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
	carob and herbal infusions	carob, dried tea (<i>Camellia sinensis</i>) or any plant parts used for herbal infusions. Exclusions to the above may be required if MRLs are not in place for the whole group (or if risk assessment requires it).	As relevant to the treated commodity: Tea (0610000), coffee (0620000), cocoa bean (0640000), carobs (0650000), chamomile (0631010), hibiscus (0631020), rose (0631030), jasmine (0631040),lime/linden (0631050), strawberry (0632010), Rooibos (0632020),Maté (0632030), valerian (0633010), ginseng (0633020)

Primary group Parent group	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		ground). Very minor crops: Includes all stored spices to which the MRL codes	As relevant to the treated commodity: Aniseed (0810010), black caraway/ black cumin (0810020), celery (0810030), coriander (0810040), cumin (0810050), dill (0810060), fennel (0810070), fenugreek (0810080), nutmeg (0810090), allspice/pimento (0820010), Sichuan pepper (0820020), caraway (0820030), cardamom (0820040), juniper berry (0820050), peppercorn (black, green and white) (0820060), vanilla (0820070), tamarind (0820080), cinnamon (0830010), liquorice (0840010), ginger (0840020), turmeric/cucuma (0840030), horseradish (0213040), cloves (0850010), capers (0850020), saffron (0860010), mace (0870010)

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Fruit with edible peel	All stored pome fruits, stone fruits, berries and small fruits and miscellaneous fruits with edible peel. Fresh fruits that have an edible peel, including imported fruits such as dates, figs, olive, kumquat, carambola (Star fruit), Japanese persimmons (kaki), jambuls and fruits which may have been UK grown, e.g. apple, plum, strawberry. Exclusions to the above may be required if MRLs are not in place for the whole group (or if risk assessment requires it). Alternatively it may be necessary to grant an authorisation for a specific named crop e.g. apple, plum, persimmon. Very minor crops: Includes all stored fruits to which the MRL codes 0140000 - 0154990 apply including those in part B of Annex I, Regulation (EC) 396/2005.	

Primary group Parent group	Basic Crop or Situation	Definition	Applicable crop commodity for MRL purposes
	Fruit with inedible peel	All stored fresh fruits that do not have an edible peel including; Kiwi, lychee/litchi, passion fruit, prickly pear, star apple, American persimmon, avocado, banana, mango, papaya, pomegranates, cherimoya, guava, pineapple, breadfruits, durians, soursops. (Citrus are listed separately see entry below). Exclusions to the above may be required if MRLs are not in place for the whole group. In some instances an authorisation for a specific commodity may be required (in which case a separate basic crop will be used e.g. avocado, banana). Very minor crops: Includes all stored fruits with inedible peel to which the MRL codes 0162000 - 0163990 apply including those in part B of Annex I, Regulation (EC) 396/2005.	(0162050), American persimmon (0162060), avocados (0163010), bananas (0163020), mangoes (0163030), papayas (0163040), pomegranates (0163050), cherimoya (0163060), guava (0163070), pineapple (0163080), breadfruits (0163090), durians
	Citrus	Oranges, lemons, limes, grapefruit and/or mandarin in store. Very minor crops: Includes all stored citrus fruits (excluding kumquat) to which the MRL codes 0110000 - 0110990 apply including those in part B of Annex I, Regulation (EC) 396/2005.	As relevant to the treated commodity: grapefruits (0110010), oranges (0110020), lemons (0110030), limes (0110040), mandarin (0110050) others (0110990),

Primary group Pa	-	Basic Crop or Situation		Applicable crop commodity for MRL purposes
		Tropical root and tuber vegetables	vegetables, cassava roots, sweet potatoes, yams, arrowroots	As relevant to the treated commodity: MRL codes 0212010 - 0212990
		Banana	of Annex I, Regulation (EC) 396/2005.	Bananas (0163020)
		Avocado	bananas/ lady fingers bananas, plantains	Avocados (0163010)
		Papaya	Stored fruit of Carica papaya	Papayas (0163040)

If herb species are grown for micro herb production, then the MRL for baby leaf crops will apply. This may be different to the individual MRL for the commodity code listed. If micro herbs are being grown, use of a baby leaf authorisation may be more appropriate.

ALL NON	EDIBLE CROI	PS	
Primary group	Parent group	Basic Crop or Situation	Definition
Green Cover		Green cover on land not being used for crop production	Areas of land with a vegetation cover that have been removed (temporarily or otherwise) from production. For example some types of set aside. Includes fields or non-crop field margins covered by natural regeneration or by a planted green cover crop that will not be harvested. Does NOT include use in industrial crops or inter-row use within a crop (edible or non-edible). Includes conservation crops such as wild bird and pollen/nectar mixes and crops grown for game cover. Crops must not be harvested for human or livestock consumption or used for livestock grazing. Since this definition covers a wide range of situations, the commercial risk is entirely the grower's if the product label does not specifically refer to the crop/species mix you are treating.
Forestry		Forest nursery	Historic term: The definition for ornamental plant production has been expanded to incorporate the previous definition for forest nursery. This entry is retained for previously issued authorisations and refers to: Areas where trees are raised outside for subsequent forest replanting.

			(Does not include Christmas tree – refer to Ornamental plant
		Farant	production). Groups of trees being grown in their final positions e.g. after
		Forest	planting out from a forest nursery. Trees grown primarily for
			commercial production, including ancient traditional coppice
			and farm forestry or from natural regeneration, colonisation or
			coppicing. Covers all woodland grown for whatever objective, including commercial timber production, amenity and
			recreation, conservation or landscaping, ancient traditional
			coppice and farm forestry. This includes restocking of
			established woodland and new planting on both improved and unimproved land.
			unimproved fand.
		Farm forestry	Groups of trees established on arable land or improved
			grassland, including those planted for short rotation coppicing.
			(Does not include Christmas tree – refer to Ornamental plant
		production).	
		Cut log	Any felled timber.
		Cut log	Any relied timber.
Industrial		Miscanthus	Miscanthus spp grown for any industrial use.
Crops			
		Woad	Isatis tinctoria principally grown for any industrial use.
		Bog myrtle	Myrica gale grown for any industrial use. (If grown for use as a
			herbal infusion a separate authorisation will be required).
Ornamentals		Ornamental plant	This includes all ornamental plants that are grown for sale or
		production	are produced for replanting into their final growing position.
			Includes seed production for ornamentals, forest nursery and Christmas tree production. This definition incorporates the
			previously separate term 'Forest nursery'. Authorisations
			specifying ornamental plant production may now be used in
			forest nursery; providing all restrictions and advisory information (for EAMUs) are met. Authorisations specifying
			'Forest nursery' remain valid for Forest nursery use only and
			will be phased out.

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	 This includes all ornamental aquatic plants that are grown for sale or are produced for replanting into their final growing position.
	 Fruit and nut trees, woody bushes and canes during propagation and before planting in final position. Fruit must not be harvested for 12 months following treatment.

NON-CROP PRODUCTION

Primary group	Parent group	Basic Crop or Situation	Definition
Indoors		Crop handling and storage structure	Any building or structure, including parts thereof and associated equipment in which crops are stored or undergo primary processing such as milling.
		Protected cropping structure	Any structure or part thereof used for growing commercial crops but in which no crop is currently present. Includes glasshouses and mushroom houses.
		Interior landscapes	Plants and planting arrangements growing inside ornamental or display purposes. May include arrangements to which the public have access.
Amateur products	Private Garden	Ornamental garden plants	Any plants that are not intended for consumption or the harvest of a consumable crop, including plants grown in private gardens.
		Lawn	Any areas composed primarily of close mown grass, including such areas in private gardens.
		Unwanted vegetation	Any unwanted vegetation, including unwanted plants in private gardens.

Primary group	Parent group	Basic Crop or Situation	Definition
		Areas not intended to bear vegetation	Any areas, including hard surfaces such as drives and patios that are not intended for growing plants.
	Home use	House plant	Any non-edible plant growing indoors.
Aquatic area		Aquarium	Any artificial tank for keeping live water animals or plants.
		Enclosed waters	Any natural or artificial body of water that does not drain to a water course.
		Intertidal zones of estuary	The area between the low and high watermarks of a river estuary. Includes beaches.
		Saltmarsh	Area of vegetated salt water marsh adjacent to the sea or saline river estuary.
		Land immediately adjacent to aquatic area	The bank of any water course or body of water. Includes sand dunes.
		Open waters	Any natural or artificial body of water that drains to a water course or is used as a reservoir for domestic water supplies.

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Primary group	Parent group	Basic Crop or Situation	Definition
Industrial and Amenity Areas (see further explanation in 'other definitions' table below)		The state of the s	Areas of semi-natural or planted grassland subject to minimal or non-intensive management. Includes areas that may be accessed by the public, such as golf roughs. May include airfields and predominantly grassed railway embankments and roadside verges. May be floristically rich and irregularly managed so that plants may flower and set seed.
			Any areas of semi natural or ornamental vegetation, including trees. May include parks, railway embankments and roadside verges which are predominantly covered in vegetation other than grass. Also includes areas of bare soil around ornamental plants or intended for ornamental planting. Does NOT include hedgerows around arable fields.

Primary group	Parent group	Basic Crop or Situation	Definition
		Managed amenity turf	Areas of frequently mown, (i.e. mown at least one a week) intensively managed turf, including fields being used for turf production. May include areas for public use including all types of sports turf, golf greens, tees and fairways. Note: prior to June 2004 fairways were included under Amenity grassland.
		Natural vegetation	Areas of natural vegetation not covered by a situation stated separately in this Definitions List.
Plant free areas (Situations in this area may include industrial, horticultural / amenity and agricultural fields of use).		Natural surfaces not intended to bear vegetation	Areas of soil or natural outcroppings of rock that are not intended to bear vegetation, including areas such as sterile strips around fields. May include areas to which the public have access. It does not include the land between rows of crops.
		Permeable surfaces overlying soil	Any man made permeable surface (excluding railway ballast), such as gravel, that overlies soil and is not intended to bear vegetation.
		Hard surfaces	Any man made impermeable surface, such as concrete or asphalt and including railway ballast; that is not intended to bear vegetation.

Primary group	Parent group	Basic Crop or Situation	Definition
		Wood surfaces	Any wooden surface, including furniture, decking or wooden structure.
Other Situations		Potato dump	Any area used for tipping waste potatoes.
		Hedgerow	Linearly planted trees and/or shrubs maintained to form a boundary, including those surrounding arable fields. Note: Prior to April 2004 this situation was included under 'Farm Forestry' (for hedgerows around arable fields) and 'Amenity vegetation' (for other hedgerows).
		Tree	Perennial plant species with single woody self-supporting stem or trunk. Primarily intended for defining use of tree seed treatment products for which the qualifier 'seed' is also required.
		Grass	Plant of family graminaceae. This term is primarily intended for defining use of grass seed treatment products for which the qualifier 'seed' is also required.

Other definitions

Term	Definition	
Consumption	Any form of consumption, including after processing by humans or animals	
'Industrial and Amenity areas' and 'Plant free areas'	 These areas may be open to public access and used for leisure, recreational and sports activities. Includes all kinds of non-agricultural land (including sports and recreational turf of all kinds; road, path and railway verges and embankments; and airfields). Public gardens and parks including for example National Trust 	
	 properties. Amenity woodland Amenity glasshouse, nursery and retail areas Non-cropped land such as roads, pavements, railway tracks and the surrounds of industrial installations. Any other similar area, whether or not used exclusively for amenity purposes. Industrial and amenity areas do not include any areas that are grazed by 	
	livestock or that are harvested for human or animal consumption.	

Qualifiers

These will be used to modify the basic crops to cover specific situations where a statutory restriction is required and will usually be included in rounded brackets after the basic crop or situation. Note: For safety reasons other non-standard-qualifiers may occasionally be required to be included.

Overligie	Definition
Qualifier	Definition
Aerial	Application via aircraft
Around	Includes any use within the immediate vicinity of a crop or crop plant but excluding any direct application to
	the crop. Includes treatment of crop margins, around the base of trees, inter row treatments etc.
Animal runs/burrows	Direct treatment of runs or burrows of the specified target organism only. For example rabbit or rat burrows
	and mole runs.
Before planting	For treatment before planting, including seeding, drilling, sticking of cuttings, mushroom spawning, laying
	lawns etc.
Container grown	Plants grown in containers, including pots, plug trays, grow bags etc.
Destruction	Only for use to destroy the specified crop.
Early	Varieties of potato where the tubers are lifted in an immature state
Excluding {crop}	Must not be used on the specified crops or situations
For animal feed	Only for use on crops for processing into animal (Including bird) feed.
For animal fodder	Only for use on crops for grazing or feeding to animals.
For processing	Only for use on crops destined for processing
Grown in organic media	Only crops grown in organic media, such as soil or compost, either in containers or on impervious surfaces.
	Not to be used on crops grown in artificial media such as rockwool or hydroponic systems.
Grown in Soil	Only for use on crops planted/sown directly into the ground.
Grown in synthetic rooting	Only on crops grown in artificial media such as rockwool or perlite. Not to be used on crops grown in soil or
media	organic media.
Harvested dry	Only for use in crops (such as peas) that will be harvested once desiccation is complete.
Including only	Restriction to specified crop types within a basic crop
Industrial use	Crops that will not be used directly or after processing for human or animal consumption.
Maincrop	Varieties of potato where the tubers are lifted at full maturity
Named herbicide tolerant	Only for use on the named herbicide tolerant varieties or varieties carrying the specified genetic
varieties	modification for herbicide tolerance.
Outdoor	For use only on crops grown outdoors. (i.e. not for use on protected crops)
Post harvest use	Only for use on produce following harvesting
Propagating material	Any material other than seed used for producing new plants, including cuttings, bulbs, corms etc.

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Qualifier	Definition
Protected	Any crop grown under a permanent or temporary cover. If covers are removed during the life of a crop, and not replaced later, then that crop is considered protected only while the covers are in place. It does not include structures that are not used primarily for growing crops, such as conservatories and interior landscapes
Permanent protection with full enclosure	Protected crop situations which provide full enclosure (including continuous top and side barriers down to below ground level) and which are present and maintained over a number of years.
Railway ballast only	For use with Hard surface situation where risk assessment only supports use on railway ballast.
Seed	For use as a seed treatment before planting
Seed crop	Crop grown for seed destined for propagation only
Spawn treatment	For use as a treatment for mushroom spawn.
Spring	Crops planted only in the spring (typically after the end of January in the year of harvest). Generally these do not require vernalisation. Application to spring sown winter varieties is likely to be at the growers own commercial risk as crop safety and effectiveness may not have been demonstrated.
Stubble	For use on remains of crops in the field following harvesting
Stump	For use on woody stumps following felling
Transplanted	For use on transplanted crops only
Undersown with {crop}	For use on crops undersown with a specified crop
Winter	Crops planted only in the autumn/winter (typically before end of January in the year of harvest). Primarily these will require vernalisation, but this also includes winter sown spring varieties. Application to winter sown spring varieties is likely to be at the growers own commercial risk as crop safety and effectiveness may not have been demonstrated.
Pharmaceutical use	Crops to be produced for pharmaceutical use only