

# codex alimentarius commission



FOOD AND AGRICULTURE  
ORGANIZATION  
OF THE UNITED NATIONS

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ORGANIZATION



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Agenda Item 12

CX/PR 10/42/14-Rev

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON PESTICIDE RESIDUES

Forty-second Session

Xian, China, 19 - 24 April 2010

### ESTABLISHMENT OF CODEX PRIORITY LISTS OF PESTICIDES

(Prepared by Australia)

Governments and interested international organizations are invited to submit comments in writing to: Ms. Duang Lifang, Institute for the Control of Agrochemicals, Ministry of Agriculture (ICAMA), P.R China, Fax: +86-10-59194252, email: [ccpr@agri.gov.cn](mailto:ccpr@agri.gov.cn) with copies to: Mr Ian Reichstein, Chair of the CCPR Electronic Working Group on Priorities, Director - National Residue Survey, Australian Government Department of Agriculture, Fisheries and Forestry, PO Box 858, Canberra ACT 2601, Facsimile: +61 (0) 2 6272 4023, email [ian.reichstein@daff.gov.au](mailto:ian.reichstein@daff.gov.au) and to Secretariat, Codex Alimentarius Commission, Joint WHO/FAO Food Standards Programme, FAO, Viale delle Terme di Caracalla, 00153 Rome, Italy, by email [codex@fao.org](mailto:codex@fao.org) or fax: +39-06-5705-4593 by **1 March 2010**.

#### A. TENTATIVE SCHEDULE 2010-2017

1. The tentative schedule for evaluations and re-evaluations by the FAO/WHO JMPR is shown at Appendix 1. Information regarding the tentative schedule is provided below. Members and observers are invited to comment on the schedule and the associated issues noted for consideration (**in bold text**). Nominations and requested amendments received between in the period August to November 2009 are in bold italicised text for your convenience.

#### B. NEW COMPOUNDS

2. Twelve new compounds have been nominated for inclusion on the tentative schedule (Appendix 1) for 2011 (11) and 2012 (1).

#### 2010:

3. In accordance with a decision taken at the 41<sup>st</sup> session of CCPR, final consideration of the schedule for 2010 was made at that meeting and thus the 2010 schedule was closed in regard to the addition of new chemicals. However, as clarified in discussions with the Electronic Working Group on Minor Uses and Specialty Crops, the 2010 schedule was not closed in regard to the addition of commodities for chemicals listed for 2010 JMPR evaluation until the JMPR 'List of Substances Scheduled for Evaluation and Request for Data' was issued during October 2009.

**2011:**

4. Eleven new chemicals have been nominated for inclusion on the 2011 tentative schedule. The chemicals (dinotefuran, chlorfenapyr, penthiopyrad, isopyrazam, saflufenacil, propylene oxide, fluxapyroxad, flutriafol, cyantraniliprole, ametoctradin, acetamiprid) are in addition to the four chemicals (MCPA, emamectin-benzoate, clopyralid, ethaboxam) nominated at or prior to CCPR 41. The latter three chemicals were moved from the 2010 schedule at CCPR 41 following discussions between relevant manufacturers and nominating countries. These decisions were taken to ensure the number of new chemical evaluations and chemicals due for periodic evaluation were commensurate with JMPR evaluator resources (approximately 10 chemicals).

5. Again for the 2011 tentative schedule, the number of chemicals listed for new chemical evaluation and periodic re-evaluation is well beyond the capacity of the JMPR. At CCPR 41, it was agreed the four chemicals (MCPA, emamectin-benzoate, clopyralid, ethaboxam) should be given priority for the 2011 schedule and not be moved. Any change to the periodic re-evaluation schedule will have a significant impact on subsequent years' schedules and therefore should not be considered, notwithstanding CCPR has previously decided that in each year there should be a balance of new and old chemicals scheduled for JMPR evaluation. **Therefore, manufacturers and nominating countries for new chemicals nominated for 2011 (dinotefuran, chlorfenapyr, penthiopyrad, isopyrazam, saflufenacil, propylene oxide, fluxapyroxad, flutriafol, cyantraniliprole, ametoctradin, acetamiprid) will need to consider which chemicals can be moved to the 2012 schedule.** As was the case for those chemicals moved from the 2010 to the 2011 schedule at CCPR41, chemicals moved from the 2011 to 2012 schedule will be listed as Priority 1 for that year.

6. **Member countries, manufacturers and observers are asked to:**

- **note that the tentative placement of eleven new chemicals on the 2011 tentative schedule is beyond the current capacity of the JMPR.**
- **noting the final number of chemicals listed in the closed 2010 (8 new chemicals and 4 periodic re-evaluations), consider a similar quota for the 2011 JMPR schedule which will result in the need to move 7 to 8 of the eleven chemicals listed in paragraph 5 to the 2012 JMPR schedule. Alternatively, consideration will need to be given to increasing JMPR resources to meet the increasing workload resulting from the 'flood' of nominations for new chemical evaluations in the past three years.**

**2011**

7. One new chemical sulfoxaflor has been nominated for inclusion on the 2012 tentative schedule.

**C. FOLLOW-UP EVALUATIONS**

8. Requests were made for several follow-up evaluations largely for additional MRLs. Further details are provided in Appendix 1. The chemicals added to the evaluation schedule are:

2011: spinosad, pyraclostrobin, glyphosate, flutolanil, spirotetramate, malathion and diflubenzuron

2012: methoxyfenozide, spinetoram

9. **Member countries and observers are asked to consider the placement of additional follow-up evaluations to the tentative schedule.**

**D. PERIODIC RE-EVALUATIONS**

10. Following the annual review of the CCPR chemical list in terms of the fifteen year rule for periodic re-evaluations (Appendix 2), four chemicals (fenarimol, fenpyroximate, fenthion and quintozone) were listed on the tentative schedule for periodic re-evaluation for 2017 (see Appendix 1).

11. There were no other changes to the periodic re-evaluation schedule.

**E. PERIODIC RE-EVALUATIONS – CHEMICALS NO LONGER SUPPORTED****2009**

12. Although procymidone was subjected to toxicological evaluation by the JMPR (General consideration 1.8 of the 2009 JMPR Report) in response to concerns raised by the EC regarding the ADI and ARfD (ALINORM 08/31/24, para 73), the scheduled periodic re-evaluation for residues was not undertaken by the JMPR in 2009 because the manufacturer has withdrawn support (ALINORM 09/32/24, para 190). A decision on the status of the procymidone CXLs will need to be made at CCPR 42.

**2010**

13. Vinclozolin was not supported by the manufacturer and, as flagged at CCPR 41, decisions on retention or revocation of CXLs will need to be taken at CCPR 42.

**2011**

14. The manufacturer advised that dicofol was no longer supported. However, India has indicated that a data package will be submitted and will include residue data supporting tea.

**2012**

15. There has been no indication from a manufacturer or nominating country indicating support for tecnazene.

**2013-2017**

16. The following chemicals are no longer supported by the manufacturer: dichlofluanid (82), dinocap (87), methidathion (51), bioresmethrin (93) and permethrin (120).

17. Although the manufacturer has indicated no support for metalaxyl (138), Thailand has indicated that it will provide field trials in support of several commodities.

18. The following chemicals are listed as 'support unknown': bromide ion (47), bromopropylate (70), diazinon (22), hydrogen phosphide (46), phosalone (60), ethephon (106) and teflubenzuron (190)

19. **Member countries and observers are asked to:**

- **consider the placement of four existing chemicals for periodic re-evaluation on the 2017 tentative schedule;**
- **note the listed chemicals for which there is no longer manufacturer support and consider whether or not to support these chemicals;**
- **give clear indications of support for those with information on a new supporting manufacturer and relevant data packages; and**
- **provide advice to the Chair of the Priorities Electronic Working Group in regard to support for those chemicals which are currently listed as 'support unknown'.**

## Appendix 1: Tentative Schedule

2010 JMPR - TOXICOLOGICAL EVALUATIONS CLOSED	2010 JMPR - RESIDUE EVALUATIONS CLOSED
NEW COMPOUNDS	NEW COMPOUNDS
<b>dicamba</b> - USA	<b>dicamba:</b> wheat, barley, corn, cottonseed, soybean, sugarcane molasses, asparagus, blueberry
<b>meptyldinocap</b> – UK	<b>meptyldinocap:</b> Pome fruits, stone fruits, grapes, strawberries, cucurbits with edible and inedible peel
<b>etoxazole</b> - USA	<b>etoxazole</b> (grape, melons, cucumber, stone fruit, plum, hops, mint, tomato, coffee)
<b>clothianidin</b> – Japan. Dossier to be submitted late 2009	<b>clothianidin</b> (corn, barley, wheat, rye, oilseed rape, lupin, sugar beet, sunflower, rice, cotton, sorghum, potato, poppy, mustard, carrot, cucumber, onion, lettuce, tomato, pepper, squash, cabbage, pome fruit, stone fruit, banana, grape, broccoli, eggplant, soybean, milk, egg, poultry meat)
<b>cyproconazole</b> – Switzerland Dossier to be submitted November 2009	<b>cyproconazole:</b> Almond, apple, barely, bean, coffee, maize, oat, pea, peanut, rice, sugar beet, soybean, triticale and wheat.
<b>thiamethoxam</b> - Switzerland	<b>thiamethoxam:</b> <u>Plant origin:</u> aubergine, artichokes, asparagus, avocados, barley, banana, beans, beetroot, berries (blackberry, bush-berry, cranberries, currants, strawberries, others), brassicas (cabbage, broccoli, brussel sprouts, buckwheat, Chinese cabbage, others), carrots, citrus group (grapefruits, lemons, mandarins, oranges, others), cereals (barley, rye, wheat, others) celery, chicory, cocoa, coffee, cotton, cucurbits (cucumber, melon, watermelon, zucchini), fennel, garlic, ginkgo, ginseng, grapes, guava, hops, kaki, kiwifruit, lettuce, linseed, maize, mango, mushrooms, nuts (almonds, cashew, chestnuts, coconuts, hazelnuts, pistachio, others), onions, papaya, parsley, passion fruit, peanuts, peas, peppermint, peppers, pineapples, pome fruits (apples, pears, others), pomegranates, potatoes, radish, rice, root and tuber vegetables, safflower, salsify, sesame seeds, spinach, soybean, stone fruits (apricots, cherries, nectarines, peach, plums, others), sugar beets, sugarcane, sunflower, tea, tomatoes, watercress. <u>Animal origin:</u> cattle, (fat, kidney, liver, meat), goat, horse (meat), milk, pork (fat, kidney, liver, meat), poultry (meat, eggs), sheep (meat).
<b>flubendiamide</b> – Japan Dossier to be submitted November 2009 and February 2010	<b>flubendiamide:</b> Apples, pears, apricot, nectarine, peach, cherries, plum, prune, grape (table), raisin, wine (if MRL not included under table grape), almonds, pecans, walnuts, muskmelon, watermelon, cucumbers, summer squash, celery, head lettuce, leaf lettuce, spinach, broccoli, cauliflower, cabbage, mustard greens, tomatoes, peppers, sweet corn, corn, soybean, cotton seed, rice, tea, and corresponding animal commodity MRLs.
<b>fluopyram</b> - USA <b>national registrations due in late 2009</b>	<b>fluopyram:</b> Root and tuber vegetables, Bulb vegetables, Leafy vegetables, Brassica (cole) leafy vegetables, Legume vegetables, Fruiting vegetables, Cucurbit vegetables, Citrus fruits, Pome fruits, Stone fruits, Small berries, Grapes, Strawberry, Tree nuts, Cereal grains (except rice), Grasses (forage, fodder, hay), Herbs and spices, Artichoke, Canola/rape, Hops, Peanuts, Sunflower

PERIODIC RE-EVALUATIONS	PERIODIC RE-EVALUATIONS
<b>vinclozolin (159) not supported by the manufacturer – not supported by USA</b>	<b>vinclozolin (159) not supported by the manufacturer (Decision on CXL revocation at CCPR42 if no support indicated)</b>
<b>dithianon (028)</b>	<b>cadusafos (174) - banana and potato</b>
<b>tebuconazole (189)</b>	<b>azinphos-methyl (002) – support unknown - awaiting advice on commodities</b>
	<b>bifenthrin (178) - wheat, barley, corn, potato, hops, rye, sweet potato, brassica group, citrus group, lettuce, fruiting vegetables, cucurbit group, pear, berry group, grape, banana, cottonseed, rapeseed and tea.</b>
	<b>chlorothalanil (081) (USA): Barley, rice, triticale, wheat, lupin, soybean, lentil, sugar-beet, artichoke, asparagus, aubergine, bean, broccoli, brussel sprouts, cabbage, carrot, cauliflower, celery, cucumber, pumpkin, garlic, leek, lettuce, melon, onion, pea, peanut, peppers, shallot, spinach, tomato, watermelon, zucchini, sweet corn, potato, banana, blackberry, blueberry, citrus, cranberry, gooseberry, grape, mango, papaya, peach, plum, pome-fruit, apricot, cherry, nectarine, strawberry, cacao, coffee, hop, almond, pistachio, oil seed rape, animal commodities, ginseng, horseradish, okra, persimmon, rhubarb, yam.</b>
EVALUATIONS	EVALUATIONS
	<b>fenpyroximate (193) – re-evaluate data for grapes following JMPR recommended new ARfD, (USA – fruiting vegetables, okra, melons, cucumber, citrus fruits, pome fruit, tree nuts, pistachio, hops, mint)</b>
	<b>difenoconazole (224) - review of alternative GAP (banana – higher MRL (china); additional MRLs (green beans, passion fruit), (USA – tree nuts)</b>
	<b>triazophos (143) - residue evaluation in edible portion (soybean – immature seeds, Thailand); cereals incl. rice (China)</b>
	<b>endosulfan (32) - tea green / black (China)</b>
	<b>bifenazate (219) – USA - egg plant, tea, citrus fruits, melons, tropical fruits, caneberry, legume vegetables, soybean, peas and beans.</b>
	<b>chlorantraniliprole (230) (USA) - brassica vegetables (broccoli, cabbage (chinese, chinese mustard, green, head, napa, oxhead, pointed, red, savoy, white, yellow), mustard greens, cauliflower, broccoli (chinese), brussel sprouts, cavalo, broccoli, kailan and kohlrabi), tree nuts (almonds, beech nuts, brazil nuts, butternuts, cashews, chestnuts, chinquapins, filberts (hazelnuts), hickory nuts, japanese horse-chestnut, java almonds, macadamia nuts, pachira nuts, paradise nuts, pecans, pine nuts, pili nuts, pistachio nuts, sapucaia nuts, tropical almonds, and walnuts), edible-podded beans (bean (phaseolus spp.; includes runner bean, snap bean, wax bean); bean (vigna ssp., includes asparagus bean, chinese longbean, moth bean, yardlong bean); jackbean; soybean (immature seed); sword bean), caneberries</b>

	( <b>cane fruits</b> - blackberry; loganberry; red and black raspberry; cultivars and/or hybrids of these), <b>strawberries, root and tuber vegetables</b> (arracacha; arrowroot; artichoke, chinese; artichoke, jerusalem; beet, garden; beet, sugar; burdock, edible; canna, edible; carrot; cassava, bitter and sweet; celeriac; chayote (root); chervil; turnip-rooted; chicory; chufa; dasheen (taro); ginger; ginseng; horseradish; leren; parsley, turnip-rooted; parsnip; potato; radish; radish, oriental (daikon); rutabaga; salsify (oyster plant); salsify, black; salsify, spanish; skirret; sweet potato; tanier (cocoyam); turmeric; turnip; yam bean (jicama, manioc pea); yam, true), <b>sweet corn, maize/field corn, rice, mint, alfalfa seed, commodities of animal origin</b>
	<b>fludioxonil (211)</b> – USA – sweet potato, pomegranate (post harvest)
	<b>novaluron (217)</b> – USA – turnips green, potato (increase MRL), sweet potato, broccoli, cauliflower, collard greens, mustard greens, tomato (increase MRL), cherry, peach, plum, blueberry, sugar cane.
	<b>boscalid (221) (USA)</b> – <b>hops (dried cones)</b>

2011 JMPR - TOXICOLOGICAL EVALUATIONS	2011 JMPR - RESIDUE EVALUATIONS
NEW COMPOUNDS	NEW COMPOUNDS
<b>MCPA</b> – USA <b>Nominated in 2008 and agreed at CCPR41</b>	<b>MCPA</b> -Wheat grain, barley grain, peas
<b>emamectin-benzoate</b> - USA - dossier to be submitted November 2009. <b>PRIORITY 1 – CCPR41 decision to move from 2010</b>	<b>emamectin-benzoate:</b> Grapes, potatoes, pome & stone fruits, tomatoes, eggplants, cucurbits (cucumber, melon, watermelon), lettuce, spinach, pepper, beans & peas, brassicas
<b>clopyralid</b> - USA <b>PRIORITY 1 – CCPR41 decision to move from 2010</b>	<b>clopyralid:</b> Hops, pome fruits, stone fruits, cranberry, strawberry, spinach, sugar beets, barley, corn, oats, sorghum, wheat, linseed, rape seed, grass forage
<b>ethaboxam</b> – Korea <b>PRIORITY 1 – CCPR41 decision to move from 2010</b>	<b>ethaboxam:</b> grape
<i>dinotefuran - Japan</i>	<i>dinotefuran: apple, cabbage, chinese cabbage, citrus, cotton seeds, cruciferous vegetables, cucurbits, eggplant, grape, green soybeans, lettuce, mango, melon, okra, peach, pear, persimmon, potato, rice, soy bean, spinach, sweet peppers, tea, tomato, meat from mammals (other than marine mammals), edible offals (mammalian), milks,</i>
<i>chlorfenapyr - Brazil</i>	<i>chlorfenapyr: cotton seed, beans, papaya, peppers, cabbage, tomato, garlic, onion, corn, melon, tea and potato.</i>

*penthiopyrad - USA*

*penthiopyrad: Brassica (Cole) Leafy Vegetables – Broccoli, Broccoli (Chinese, gailon), Broccoli Raab (rapini), Brussels Sprouts, Cabbage, Cabbage (Chinese, bok choy), Cabbage (Chinese, napa), Cabbage (Chinese mustard, gai choy), Cauliflower, Cavalo Broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens, Bulb Vegetables – Chive, Chive (Chinese), Daylily, Elegans Hosta, Fritillaria, Garlic, Garlic (great-headed), Garlic (serpent), Kurrat, Lady’s Leek, Leek, Leek (wild), Lily, Onion (Beltsville bunching), Onion (bulb), Onion (Chinese), Onion (fresh), Onion (green), Onion (macrostem), Onion (pearl), Onion (potato), Onion (tree), Onion (Welsh), Shallot, Oilseed – Canola, Sunflower, Cereal grains – Barley, Buckwheat, Corn (field), Corn (sweet), Millet (pearl), Millet (proso), Oats, Popcorn, Rye, Sorghum (milo), Sorghum ssp. (sudangrass and hybrids), Teosinte, Triticale, Wheat, Cotton, Cucurbit vegetables – Chayote, Chinese waxgourd, Citron melon, Cucumber, Gherkin, Gourd (edible; includes hyotan, ucuzza, hechima, Chinese okra), Momordica spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber), Muskmelon (includes cantaloupe), Pumpkin, Squash (summer), Squash (winter; includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash), Watermelon, Fruiting vegetables – Eggplant, Groundcherry, Pepino, Pepper (bell), Pepper (chili), Pepper (pimento), pepper (sweet), tomatillo, tomato, Grape, Leafy vegetables - Amaranth (Chinese spinach), Arugula (roquette), Cardoon, Celery, Celery (Chinese), Celtuce, Chervil, Chrysanthemum (edible-leaved), Chrysanthemum (garland), Corn salad, Cress (garden), Cress (upland), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head), Lettuce (leaf), Orach, Parsley, Purslane (garden), Purslane (winter), Radicchio (red chicory), Rhubarb, Spinach, Spinach (New Zealand), Spinach (vine), Swiss chard, Legume vegetables (succulent and dried) - Bean (Lupinus; includes - grain lupin, sweet lupin, white lupin, white sweet lupin), Bean (Phaseolus; includes broad bean, field bean, green runner bean, kidney bean, lima bean, navy bean, pinto bean, snap bean, tepary bean, wax bean), Bean (Vigna; includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean), Chickpea (garbanzo), Guar, Jackbean, Lablab bean, Lentil, Pea (Pisum; includes dwarf pea, edible-podded pea, English pea, field pea, garden pea, green pea, snowpea, sugar snap pea), Pigeon pea, Soybean, Soybean (immature seed), Sword bean, Low-growing Berries – Strawberry, Low bush blueberry, Peanut, Pome fruits – Apple, Crab-apple, Loquat, Mayhaw, Pear, Pear (Japanese), Pear (Oriental), Quince, Root and tuber vegetables – Arracacha, Arrowroot, Artichoke (Chinese), Artichoke (Jerusalem), Beet (garden), Beet (sugar), Burdock (edible), Canna (edible), Carrot, Cassava (bitter and sweet), Celeriac, Chayote (root), Chervil (turnip-rooted), Chicory, Chufa, Dasheen (taro), Ginger, Ginseng, Horseradish, Leren, Parsley (turnip-rooted), Parsnip, Potato, Radish, Radish (oriental), Rutabaga, Salsify, Salsify (black), Salsify (Spanish), Skirret, Sweet potato, Tanier, Turmeric, Turnip, Yam bean, Yam (true), Stone fruits – Apricot, Cherry (sweet), cherry (tart), Nectarine, Peach, Plum, Plum (Chickasaw), Plum (Damson), Plum (Japanese), Plumcot, Prune (fresh), Tree nuts - Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut, Pecan, Walnut (black), Walnut (English), Pistachio.*

<i>isopyrazam - Switzerland</i>	<i>isopyrazam – Wheat, barley, cereals, bananas</i>
<i>saflufenacil - USA</i>	<i>saflufenacil - USA - soy bean, peas and beans, corn, sorghum, cereals, citrus, pome fruit, stone fruit, almonds, pecan, sunflower, cotton, grape, banana, mango, coffee, sugar cane, canola, animal products</i>
<i>propylene oxide - USA</i>	<i>propylene oxide – USA - tree nuts, cacao, spices and dried fruit</i>
<i>fluxapyroxad - USA</i>	<i>fluxapyroxad – USA - Cereals (barley, corn, rice, sorghum and wheat), oilseeds (canola, sunflower, and cottonseed), root and tuber vegetables (potato, carrot, sugar beet), legume vegetables (dry and succulent peas, beans and soybean), Brassica stem and leafy vegetables (broccoli, cauliflower, cabbage), fruiting vegetables (peppers, tomatoes), pome fruit (apple and pear), citrus (orange, grapefruit, lemon), stone fruits (cherry, peach, plum), cucurbits (cucumber, melon, pumpkin, squash), bulb vegetables (onion, garlic), coffee, banana, grapes, mango, papaya and peanuts.</i>
<i>flutriafol - USA</i>	<i>flutriafol - USA - apples, grapes, bananas, soybean, peanut, wheat, coffee</i>
<i>cyantraniliprole - USA</i>	<i>cyantraniliprole - USA - pome fruit, stone fruit, brassica vegetables, cucurbit vegetables, fruiting vegetables, leafy vegetables, bulb vegetables, green/long beans, grape, potato, sweet potato, rice, cotton, canola, citrus, tree nuts</i>
<i>ametoctradin - USA</i>	<i>ametoctradin – USA - potato, cucumber, zucchini, melon, tomato, peppers, table and wine grapes, lettuce and lamb's lettuce, brassica vegetables, bulb vegetables and hops</i>
<i>acetamiprid - Japan</i>	<i>acetamiprid – Japan – citrus, pome fruits, stone fruits, grape, strawberries, small fruits and berries, animal commodities</i>
<b>PERIODIC RE-EVALUATIONS</b>	<b>PERIODIC RE-EVALUATIONS</b>
<b>diquat (031)</b>	<b>diquat (031) – Cereals (including barley, wheat, maize, oats, rice, sorghum), Oilseeds (including linseed, oilseed rape, soya bean, sunflower, cotton, poppy), Legume vegetable group (including peas, beans, lentils), Head brassica group (including cabbage), Flowering brassica group, Leafy brassica group, Fruiting vegetable group (including tomato, pepper), Root and tuber group (including carrot, radish, beetroot, sugarbeet, potato), Stem vegetable group (including asparagus, celery, leek), Cucurbits (edible and inedible peel), Bulb vegetables (including onion), Citrus fruit, Lettuce group, spinach, canary, lupine, mustard, apple, banana, chicory witloof, coffee, sweet corn, grape, herbs (including parsley and sage), hop, kohlrabi, lucerne, olive, peach, strawberry, clover, grass, alfalfa, sugarcane,</b>
<b>etofenprox (184)</b>	<b>etofenprox (184) – awaiting advice on commodities</b>
<b>dicofol (026) – no longer supported by the manufacturer</b>	<b>dicofol (026) – not supported by the manufacturer – tea and data package to be provided by India</b>
<b>dichlorvos (025)</b>	<b>dithianon (028)– pome fruit, cherry, grapes, hops, mandarin</b>



<b>fenpropathrin (185)</b>	<b>cycloxydim (179)</b> - Beans (green and dried), brassicae, carrot, grape, leek, lettuce (head and leafy), peas (fresh and dried), potato, rapeseed, strawberry, sugarbeet
<b>fenbutatin oxide (109)</b>	<b>tebuconazole (189)</b> – artichoke, banana, barley, brassica vegetables, broad bean, citrus, carrot, coffee beans, cucumber, elderberries, garlic, grapes, hops, leek, lettuce head, maize, mango, melons, oats, onion, papaya, peach, peanut, peppers sweet, plums, pome fruit, prunes, rape seed, rice, rye, soya bean, summer squash, sweet corn, tomato, watermelon, wheat.
<b>EVALUATIONS</b>	<b>EVALUATIONS</b>
	<b>cyfluthrin (157)</b> - soybean
	<b>cypermethrin (118)</b> – citrus fruit, asparagus (Thailand) and tea (India, China)
	<b>acephate (95)</b> – rice (China)
	<b>profenofos (171)</b> – chilli pepper, chilli pepper (dry), (Thailand) – note retain 4 year rule
	<b>spinosad (203)</b> –USA - <i>cranberry, hops, - revised GAP (blueberries; raspberries, red, black; onion, bulb; tree nuts)</i>
	<b>pyraclostrobin (210)</b> – <i>Germany - Citrus (grapefruit, orange, lemon, lime, mandarin), stone fruits (apricot, cherry, peach, plum), strawberry, cane fruits (blackberries, dewberries, raspberries), small berries (blueberry, cranberry, currants, gooseberry, rose hip, mulberry, azarole, elderberry), bulb vegetables (garlic, onion, shallot, spring onion), cucurbits - inedible peel (melon, pumpkin, watermelon), oilseeds, oat, sorghum, tropical fruits (e.g. mango, papaya, avocado)</i>
	<b>glyphosate (158)</b> - <i>maize grain and soya bean (dry)</i>
	<b>flutolanil (205)</b> – <i>leafy brassica, root vegetables, ginseng</i>
	<b>diflubenzuron (130)</b> - <i>artichoke, cottonseed, grapefruit, orange, soybean, soybean hull, tangerine, barley (grain, hay, straw), wheat (forage, hay, straw, grain), brassica leafy greens, stone fruit (except cherry), tree nuts, peanut, pepper, pistachio, pummelo and turnip greens</i>
	<b>malathion (49)</b> - <i>apple, pear, citrus and plum</i>
	<b>spirotriamate</b> – <i>USA - edible podded bean, edible podded pea, succulent shelled bean, succulent shelled pea, dry bean seed, dries pea seed, soybean seed, tropical fruits, lychee, dried prunes, okra, pistachio, undelinted cotton seed, and onion bulb. If you also like to include a list all of the commodities in the tropical fruits, it includes avocado, birida, black sapote, canistel, cherimoya, custard apple, feijoa, jaboticaba, guava, Ilama, longan, mamey sapote, mango, papaya, passionfruit, persimmon, pulasan, rambutan, sapodilla, soursop, Spanish lime, star apple, starfruit, sugar apple, wax jambu, white sapote</i>

2012 JMPR - TOXICOLOGICAL EVALUATIONS	2012 JMPR - RESIDUE EVALUATIONS
NEW COMPOUNDS	NEW COMPOUNDS
<i>sulfoxaflor</i>	<i>sulfoxaflor - cereal grains (wheat, barley, rice), soya bean, oilseed rape, cottonseed, pome fruits, stone fruits, citrus fruits, tree nuts, grapes, dried grapes, strawberries, leafy vegetables, fruiting vegetables, cucurbits, brassica vegetables, and bulb vegetables and animal products</i>
PERIODIC RE-EVALUATIONS	PERIODIC RE-EVALUATIONS
<b>amitraz (122)</b>	<b>amitraz (122) – awaiting advice on commodities</b>
<b>bentazone (172)</b>	<b>bentazone (172) - Beans (green and dried), peas (green and dried), cereals, maize, sorghum, onion, peanuts, potato, linseed, meat, milk, eggs.</b>
<b>disulfoton (74) – support from USA</b>	<b>disulfoton (74) – support from USA (awaiting advice on commodities)</b>
<b>fenvalerate (119) – support from USA</b>	<b>fenvalerate (119) – support from USA (awaiting advice on commodities)</b>
<i>glufosinate-ammonium (175)</i>	<i>glufosinate-ammonium (175) Citrus fruits, Tree nuts, Almonds hulls, Pome fruits, Stone fruits, Berries and other small fruits (except currants), Currants (Black, Red, White), Banana, Assorted tropical and sub-tropical fruits - inedible peel, Potato, Carrot, Bulb onion, Corn salad, Common bean (pods and/or immature seeds), Asparagus, Broad bean (dry), Common bean (dry), Peas (dry), Rape seed and crude Rape seed oil, Crude, Soya bean (dry), Sunflower seed and crude Sunflower seed oil, Maize grain, Maize fodder, Sugar beet, Tea, Palm oil, Meat (from mammals other than marine mammals), Poultry meat, Edible offal (mammalian), Edible offal of Poultry, Eggs, Milks.</i>
<b>tecnazene (115) – (no CropLife manufacturer listed as responsible) support unknown</b>	<b>tecnazene (115) – support unknown</b>
<b>aldicarb (117)</b>	<i>fenpropathrin (185) – cattle meat, cattle milk, cattle edible offal, cotton seed, cotton seed oil, eggplant, eggs, gherkin, grapes, chilli pepper, sweet pepper, pome fruits, poultry meat, poultry edible offal, tea, tomato</i>
	<i>dichlorvos (025) – cattle (fat, meat, meat byproducts), egg, goat (fat, meat, meat byproducts), horse (fat, meat, meat byproducts), milk, mushroom, poultry ( fat, meat, meat byproducts), raw agricultural commodities, nonperishable, bulk stored regardless of fat content, postharvest, raw agricultural commodities nonperishable, packaged or bagged, containing 6 percent fat or less, postharvest, raw agricultural commodities, nonperishable, packaged or bagged, containing more than 6 percent fat, postharvest, sheep (fat, meat, meat byproducts), tomato</i>

	<b>fenbutatin oxide (109)</b> - Tree nuts, pome fruit, banana, cherry, citrus fruit, cucumber, grapes, raisins, stone fruit, strawberry, tomato, meat, milk, eggs
<b>EVALUATIONS</b>	<b>EVALUATIONS</b>
	<b>oxamyl (126)</b> – residue definitions, methods
	<i>methoxyfenozide</i> – <i>New GAP for on spinach; alfalfa forage; alfalfa fodder; citrus fruits</i>
	<i>spinetoram</i> – <i>New GAP for stone fruits; cabbage, head; broccoli; citrus fruits; grapes; dried grapes; onion, bulb; leafy vegetables; broad bean; tree nuts</i>
<b>2013 JMPR - TOXICOLOGICAL EVALUATIONS</b>	<b>2013 JMPR - RESIDUE EVALUATIONS</b>
<b>NEW COMPOUNDS</b>	<b>NEW COMPOUNDS</b>
<b>PERIODIC RE-EVALUATIONS</b>	<b>PERIODIC RE-EVALUATIONS</b>
<b>bromide ion (47)</b> – no Croplife manufacturer responsible - support unknown	<b>bromide ion (47)</b> – support unknown
<b>dichlofluanid (82)</b> – no longer supported	<b>dichlofluanid (82)</b> – not supported by the manufacturer
<b>dinocap (87)</b> – no longer supported	<b>dinocap (87)</b> – not supported by the manufacturer
<i>metalaxyl (138)</i> — <i>no longer supported by the manufacturer</i>	<i>metalaxyl (138)</i> – <i>no longer supported by the manufacturer. However, note that Thailand has agreed to provide field trials.</i>
<i>methidathion (51)</i> – <i>no longer supported by the manufacturer</i>	<i>methidathion (51)</i> – <i>no longer supported by the manufacturer.</i>
<b>triforine (116)</b>	<b>triforine (116):</b> <i>Apple, Blueberries, Brussels sprouts, Cereal grains, Cherries, Common bean, Currants (Black, Red, White), Fruiting vegetables, Cucurbits, Gooseberry, Peach, Plums(including prunes), Strawberry, Tomato</i>
	<b>aldicarb (117)</b> – <i>citrus fruits</i>
<b>EVALUATIONS</b>	<b>EVALUATIONS</b>

<b>2014 JMPR - TOXICOLOGICAL EVALUATIONS</b>	<b>2014 JMPR - RESIDUE EVALUATIONS</b>
<b>NEW COMPOUNDS</b>	<b>NEW COMPOUNDS</b>
<b>PERIODIC RE-EVALUATIONS</b>	<b>PERIODIC RE-EVALUATIONS</b>
<b>bromopropylate (70) – support unknown</b>	<b>bromopropylate (70) – support unknown - awaiting advice on commodities</b>
<b>diazinon (22) – support unknown</b>	<b>diazinon (22) – support unknown - awaiting advice on commodities</b>
<b>hydrogen phosphide (46) – no Croplife manufacturer responsible – support unknown</b>	<b>hydrogen phosphide (46) – support unknown -</b>
<b>myclobutanil (181)</b>	<b>myclobutanil (181) - pome fruits, stone fruits, black currant, grapes, strawberry, banana, hops, tomato</b>
<b>penconazole (182)</b>	<b>penconazole (182) – Brassica Vegetables (Broccoli, Brussels sprouts, Cauliflower, Chinese cabbage), Pome Fruit, Fruiting Vegetables (Tomato, Pepper, Aubergine), Root and Tuber Vegetables (Carrot, Parsnip, Turnip), Cucurbit vegetables (Cucumber, Melon, Watermelon, Pumpkin, Zucchini), Berries (Blackberry, Blueberry, Blackcurrant, Gooseberry, Raspberry, Cranberry), Stone Fruit (Apricot, Cherry, Peach, Plum), Legume Vegetables (peas, beans), Nuts (Almond, Pecan, Cashew, Jujube, Pistachio, Hazelnut, Pine nut, Macadamia, Chestnut), Soya, Strawberry, Loganberry, Sugarbeet, Tobacco, Potato, Clementine, grapefruit, Nectarine, Kumquat, Mango, Gherkin, Loquat, Asparagus, Leek, Banana, Lambs Lettuce, Rocket, Chicory, Canola, Parsley, Mint, Papaya, Alfalfa, Barley, Rice, Wheat, Sweet Corn, Hops, Lentil, Persimmon, Avocado, Artichoke, Grapes, Onion, Fennel</b>
<b>phosalone (60) –support unknown</b>	<b>phosalone (60) – support unknown - awaiting advice on commodities</b>
<b>EVALUATIONS</b>	<b>EVALUATIONS</b>
<b>2015 JMPR - TOXICOLOGICAL EVALUATIONS</b>	<b>2015 JMPR - RESIDUE EVALUATIONS</b>
<b>NEW COMPOUNDS</b>	<b>NEW COMPOUNDS</b>
<b>PERIODIC RE-EVALUATIONS</b>	<b>PERIODIC RE-EVALUATIONS</b>
<b>abamectin (177)</b>	<b>abamectin (177) – Pome fruits, cucurbits (edible and inedible peel), grapes, citrus fruits, stone fruits, strawberries, hops, leafy vegetables (lettuce, spinach, endive, celery), potato, almond, walnut, bean, coffee, cotton, Fruiting vegetables (tomato, aubergine, pepper, sweet pepper), avocado, papaya, mango, avocado, onion</b>

<b>chlormequat (15)</b>	<b>chlormequat (15)</b> - Cereals, cottonseed, maize, rapeseed, maize fodder, cereals fodder/straw, meat, milk, eggs
<b>clethodim (187)</b>	<b>clethodim (187)</b> (USA) bean, broccoli, cabbage, carrot, cranberry, cucurbits, hops, lettuce, pea, strawberry
<i>ethephon (106)</i>	<i>ethephon (106)</i> - <i>Apple, Barley, Barley straw and fodder, Blueberries, Cantaloupe, Cherries, Chili peppers (dry), Cotton seed, Dried grapes, Figs, Grapes, Hazelnuts, Peppers, Pineapple, Rye, Rye straw and fodder, Tomato, Walnuts, Whest, Wheat straw and fodder, Chicken eggs, Edible offal of cattle, goats, horses, pigs &amp; sheep, Meat of cattle, goats, horses, pigs &amp; sheep, Milk of cattle, goats &amp; sheep, Poultry meat, Poultry, edible offal.</i>
<b>fenpropimorph (188)</b>	<b>fenpropimorph (188)</b> banana, cereals, sugar beet, cereals fodder/straw, meat, milk, eggs
<b>teflubenzuron (190) support unknown</b>	<b>teflubenzuron (190)</b> – support unknown -awaiting advice on commodities
<b>EVALUATIONS</b>	<b>EVALUATIONS</b>
<b>2016 JMPR - TOXICOLOGICAL EVALUATIONS</b>	<b>2016 JMPR - RESIDUE EVALUATIONS</b>
<b>NEW COMPOUNDS</b>	<b>NEW COMPOUNDS</b>
<b>PERIODIC RE-EVALUATIONS</b>	<b>PERIODIC RE-EVALUATIONS</b>
<b>bioresmethrin (93) –not supported by manufacturer</b>	<b>bioresmethrin (93) – not supported by the manufacturer</b>
<b>iprodione (111)</b>	<b>iprodione (111)</b> – tree nuts, cereals, beans, (dried), blackberry, broccoli, carrots, cheery, cucumber, grapes, kiwi, lettuce (head and leafy), onion, stone fruit, pome fruit, rapeseed, raspberry, sugar beet, sunflower, tomato, witloof.
<b>permethrin (120) – not supported by the manufacturer</b>	<b>permethrin (120) – not supported by the manufacturer</b>
<b>tolclofos-methyl (191)</b>	<b>tolclofos-methyl (191)</b> – awaiting advice on commodities
<b>EVALUATIONS</b>	<b>EVALUATIONS</b>

<b>2017 JMPR - TOXICOLOGICAL EVALUATIONS</b>	<b>2017 JMPR - RESIDUE EVALUATIONS</b>
<b>NEW COMPOUNDS</b>	<b>NEW COMPOUNDS</b>
<b>PERIODIC RE-EVALUATIONS</b>	<b>PERIODIC RE-EVALUATIONS</b>
<b>fenarimol</b>	<b>fenarimol</b>
<b>fenpyroximate</b>	<b>fenpyroximate</b>
<b>fenthion</b>	<b>fenthion</b>
<b>quintozene</b>	<b>quintozene</b>
<b>EVALUATIONS</b>	<b>EVALUATIONS</b>

## Appendix 2: Periodic Re-evaluations (to be updated after JMPR 2010 data call)

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation most recent	Scheduled (Toxicological)	Scheduled (Residues)	Notes
007	captan	1963	1995T, 2004T(ARfD), 2000R			
008	carbaryl	1965	2001T(ADI, ARfD), 2002R			
017	chlorpyrifos	1972	1999T, 2000R			
020	2,4-D	1970	1996T, 2001T(ARfD), 1998R			
027	dimethoate	1965	1996T, 2003T(ARfD), 1998R			
030	diphenylamine	1969	1998T, 2001R			
032	endosulfan	1965	1998T, 2006R			
035	ethoxyquin	1969	2005T, 1999R			
037	fenitrothion	1969	2000T, 2007T(ADI, ARfD), 2003R			
041	folpet	1969	1995T, 2007T(ARfD), 1998R			
048	lindane	1965	2002T, 2003R			
049	malathion	1965	1997T, 2003T(ARfD), 1999R			
053	mevinphos	1965	1996T, 1997T(Environmental), 1997R			
056	2-phenylphenol	1969	1999			
057	paraquat	1970	2003T, 2004R			
059	parathion-methyl	1965	1995T, 2000R			
062	piperonyl butoxide	1965	1995T, 2001T(ARfD), 2001R			
063	pyrethrins	1965	2003T, 2000R			
065	thiabendazole	1970	1997T(JECFA), 2006T(ARfD), 1997R			
067	cyhexatin	1970	2005T, 2005R			
072	carbendazim	1973	1995T, 2005T(ARfD), 1998R			
079	amitrole	1974	1997T, 1998R			
083	dicloran	1974	1998			

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation most recent	Scheduled (Toxicological)	Scheduled (Residues)	Notes
084	dodine	1974	2000T, 2003R			
085	fenamiphos	1974	1997T, 2002T( <i>ARfD</i> ), 1999R			
086	pirimiphos-methyl	1974	1992T, 2006T( <i>ARfD</i> ), 2003R			
090	chlorpyrifos-methyl	1975	2009			
094	methomyl	1975	2001			
095	acephate	1976	2005T, 2003R			
096	carbofuran	1976	1996T, 2008T( <i>ARfD</i> ), 1997R			
100	methamidophos	1976	2002T, 2003R			
101	pirimicarb	1976	2004			
102	maleic hydrazide	1976	1996T, 1998R			
103	phosmet	1976	1994T, 2003T( <i>ARfD</i> ), 1997R			
105	dithiocarbamates	1965	1996T, 1993R, 2004 propineb			Individual dithiocarbamates are evaluated, propineb in 2004, ferbam/ziram (1996)
105	ferbam	1965	1996T			Dithiocarbamates
105	ziram	1965	1996T			Dithiocarbamates
105	propineb	1997	2004T			Dithiocarbamates
110	imazalil	1977	2000T, 2005T( <i>ARfD</i> )			
112	phorate	1977	2004T, 2005R			
113	propargite	1977	1999T, 2002R			
118	cypermethrin	1979	2006T, 2008R			
126	oxamyl	1980	2002			
129	azocyclotin	1979	2005T, 2005R			
130	diflubenzuron	1981	2001T, 2002R			
132	methiocarb	1981	1998T, 1999R			
133 /168	triadimefon / triadimenol	1979	2004T, 2007R			
135	deltamethrin	1980	2000T, 2002R			
142	prochloraz	1983	2001T, 2004R			
143	triazophos	1982	2002T, 2007R			
144	bitertanol	1983	1998T, 1999R			
145	carbosulfan	1984	2003T, 1997R			
146	cyhalothrin	1984	2004(JECFA)			



Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation most recent	Scheduled (Toxicological)	Scheduled (Residues)	Notes
146	lambda-cyhalothrin		2007T, 2008R			
147	methoprene	1984	2001T 2005R			
148	propamocarb	1984	2005T, 2006R			
149	ethoprophos	1983	1999T, 2004R			
151	dimethipin	1985	1999T, 2004T( <i>ARfD</i> ), 2001R			
155	benalaxyl	1986	2005T, 2009R			
156	clofentezine	1986	2005T, 2007R			
157	cyfluthrin	1986	2006T, 2007R			
158	glyphosate	1986	2004			
160	propiconazole	1987	2004T, 2007R			
162	tolyfluanid	1988	2002			
165	flusilazole	1989	2007			
166	oxydemeton-methyl	1989	2002T, 1998R			
167	terbufos	1989	2003T			
169	cyromazine	1990	2006T, 2007R			
171	profenofos	1990	2007T, 2008R			
173	buprofezin	1991	2008			
176	hexythiazox	1991	2008T, 2009R			
194	haloxyfop	1995	2006T, 2009R			
195	flumethrin	1996	none			
196	tebufenozide	1996	2003T( <i>ARfD</i> )			
197	fenbuconazole	1997	none			
199	kresoxim-methyl	1998	none			
200	pyriproxyfen	1999	none			
201	chlorpropham	2000	2005T(ADI, <i>ARfD</i> )			
202	fipronil	1997	2000T,			
203	spinosad	2001	none			
204	esfenvalerate	2002	none			
205	flutolanil	2002	none			
206	imidacloprid	2001	none			
207	cyprodinil	2003	none			
208	famoxadone	2003	none			
209	methoxyfenozide	2003	none			
210	pyraclostrobin	2003	none			
211	fludioxonil	2004	none			
212	metalaxyl-M	2002	none			

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation most recent	Scheduled (Toxicological)	Scheduled (Residues)	Notes
213	trifloxystrobin	2004	none			
214	dimethenamid-P	2005	none			
215	fenhexamid	2005	none			
216	indoxacarb	2005	none			
217	novaluron	2005	none			
218	sulfuryl fluoride	2005	none			
219	bifenazate	2006	none			
220	aminopyralid	2007	none			
221	boscalid	2006	none			
222	quinoxifen	2006	none			
223	thiacloprid	2006	none			
224	difenoconazole	2007	none			
225	dimethomorph	2007	none			
226	pyrimethanil	2007	none			
227	zoxamide	2007	none			
229	azoxystrobin	2008	none			
230	chlorantraniliprole	2008	none			
231	mandipropamid	2008	none			
232	prothioconazole	2008	none			
233	spinetoram	2008	none			
234	spirotetramat	2008	none			
235	fluopicolide	2009	none			
236	metaflumizone	2009	none			
237	spirodiclofen	2009	none			
136	procymidone	1981	2007T		2009	<b>Not supported by manufacturer</b>
002	azinphos-methyl	1965	2007T		2010	
081	chlorothalonil	1974	2009T		2010	
174	cadusafos	1991	2009T		2010	CLI
178	bifenthrin	1992	2009T		2010	CLI
179	cycloxydim	1992	2009T		2010	CLI
159	vinclozolin	1992	1995	2010	2010	CLI
109	fenbutatin oxide	1977	1992T, 1993R	2010	2011	CLI
180	dithianon	1992	none	2010	2011	CLI
189	tebuconazole	1994	none	2010	2011	CLI
026	dicofol	1968	1992	2011	2011	<b>Not supported by manufacturer</b>
031	diquat	1970	1993T, 1994R	2011	2011	CLI
184	etofenprox	1993	none	2011	2011	CLI

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation most recent	Scheduled (Toxicological)	Scheduled (Residues)	Notes
025	dichlorvos	1965	1993	2011	2012	CLI
185	fenprothrin	1993	none	2011	2012	CLI
074	disulfoton	1973	1996T(ARfD)	2012	2012	CLI
115	tecnazene	1974	1994T	2012	2012	<b>support unknown</b>
119	fenvalerate	1979	1986T	2012	2012	CLI
122	amitraz	1980	1998T	2012	2012	CLI
172	bentazone	1991	1998T, 2004T(ARfD)	2012	2012	CLI
175	glufosinate-ammonium	1991	1999T	2012	2012	CLI
117	aldicarb	1979	1992T, 1995T(ARfD), 1994R	2012	2013	CLI
047	bromide ion	1968	1988T	2013	2013	<b>support unknown</b>
051	methidathion	1972	1997T, 1992	2013	2013	<b>Not supported</b>
082	dichlofluanid	1969	1983T	2013	2013	<b>Not supported by manufacturer</b>
087	dinocap	1969	1998T, 2000T(ARfD)	2013	2013	<b>Not supported by manufacturer</b>
116	triforine	1977	1997T	2013	2013	support from Sumitomo Co.
138	metalaxyl	1982	2002T	2013	2013	Review in 2004 for residues was for evaluation of metalaxyl-M Support from USA - Supervised trials by Thailand
022	diazinon	1965	2006T, 1993	2014	2014	CLI
046	hydrogen phosphide	1965	1966T	2014	2014	<b>support unknown</b>
060	phosalone	1972	1997T, 2001T(ARfD), 1994R	2014	2014	<b>support unknown</b>
070	bromopropylate	1973	1993	2014	2014	<b>support unknown</b>
181	myclobutanil	1992	none	2014	2014	CLI
182	penconazole	1992	none	2014	2014	Syngenta
015	chlormequat	1970	1997T, 1999T(ARfD) 1994	2015	2015	CLI
106	ethephon	1977	1997T, 2002T(ARfD), 1994R	2015	2015	CLI
177	abamectin	1992	1997T	2015	2015	CLI
187	clethodim	1994	1999T(ARfD)	2015	2015	support from USA
188	fenpropimorph	1994	2004T(ARfD)	2015	2015	CLI
190	teflubenzuron	1994	none	2015	2015	<b>support unknown</b>
093	bioresmethrin	1975	1991T, none	2016	2016	<b>not supported by manufacturer</b>
111	iprodione	1977	1995T, 1994R	2016	2016	CLI
120	permethrin	1979	1999T	2016	2016	<b>not supported by manufacturer</b>

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation most recent	Scheduled (Toxicological)	Scheduled (Residues)	Notes
191	tolclofos-methyl	1994	none	2016	2016	CLI
039	fenthion	1971	1995, 1997T(ARfD)	2017	2017	
064	quintozene	1969	1995	2017	2017	
192	fenarimol	1995	none	2017	2017	
193	fenpyroximate	1995	2007T(ARfD)	2017	2017	

**Appendix 3: Chemical-commodity combinations for which specific GAP is no longer supported**

Code	Chemical	comment
49	malathion	Apple, citrus, grapes (EU GAP no longer supported by EU)

**Appendix 4: Chemicals with extraneous MRLs and recent deletions (Source: CX/PR 07/39/3)**

Code	Chemical	Last toxicological evaluation	Last residue evaluation		comment
33	endrin	1994 (PTDI)	1970	EMRL	
1	aldrin and dieldrin	1994(PTDI)	1977	EMRL	
12	chlordane	1994(PTDI)	1986	EMRL	
43	heptachlor	1994(PTDI)	1991	EMRL	
21	DDT	2000(PTDI)	2000	EMRL	
52	methyl bromide	1992	1968	PART A3	
114	guazatine	1997	1978	PART A3	
40	fentin	1991	1991	none	Not supported - Removed 2007