

SANCO/10262/2013

Draft

COMMISSION IMPLEMENTING REGULATION (EU) No .../..

of XXX

amending Implementing Regulation (EU) No 540/2011, as regards the conditions of approval of the active substances clothianidin, thiamethoxam and imidacloprid, and prohibiting the use and sale of seeds treated with plant protection products containing those active substances

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC¹, and in particular the first alternative of Article 21(3), Article 49(2) and Article 78(2) thereof,

Whereas:

- (1) The active substances clothianidin, thiamethoxam and imidacloprid were included in Annex I to Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market² by Commission Directives 2006/41/EC, 2007/6/EC, 2008/116/EC.
- (2) Commission Directive 2010/21/EU amended Annex I to Directive 91/414/EEC as regards the specific provisions relating to the neonicotinoids clothianidin, thiamethoxam and imidacloprid.
- (3) Active substances included in Annex I to Directive 91/414/EEC are deemed to be approved under Regulation (EC) No 1107/2009 and are listed in Part A of the Annex to Commission Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances³.

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OJ L 309, 24.11.2009, p. 1.

² OJ L 230, 19.8.1991, p. 1.

³ OJ L 153, 11.6.2011, p. 1.

- (4) In spring 2012, new scientific information on the sub-lethal effects of neonicotinoids on bees was published. The Commission, in accordance with Article 21(2) of Regulation (EC) No 1107/2009, asked the European Food Safety Authority, hereinafter ‘the Authority’, for scientific and technical assistance to assess this new information and to review the risk assessment of neonicotinoids as regards their impact on bees.
- (5) The Authority presented its conclusions on the risk assessment for bees for clothianidin, thiamethoxam and imidacloprid on 16 January 2013⁴.
- (6) The Authority identified for certain crops high acute risks for bees from plant protection products containing the active substances clothianidin, thiamethoxam or imidacloprid. The Authority identified in particular high acute risks for bees from exposure via dust as regards several crops, from consumption of residues in contaminated pollen and nectar as regards some crops and from exposure via guttation fluid as regards maize. In addition, unacceptable risks due to acute or chronic effects on colony survival and development could not be excluded for several crops. Furthermore the Authority identified a number of data gaps for each of the evaluated crops. In particular as regards long term risk to honey bees from dust exposure, from residues in pollen and nectar and from exposure from guttation fluid.
- (7) In the light of the new scientific and technical knowledge, the Commission considered that there are indications that the approved uses of clothianidin, thiamethoxam and imidacloprid no longer satisfy the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009 with respect to their impact on bees and that the high risk for bees could not be excluded except by imposing further restrictions. In particular, it considered that the risk for bees from foliar applications is similar to the risk identified by the Authority for seed treatment applications and granular uses, due to the systemic translocation of the active substances clothianidin, thiamethoxam and imidacloprid through the whole plant.
- (8) The Commission invited the notifiers to submit their comments.
- (9) The conclusions of the Authority were reviewed by the Member States and the Commission within the Standing Committee on the Food Chain and Animal Health and finalised on XXXX in the format of addenda to the review reports for clothianidin, thiamethoxam and imidacloprid.
- (10) The Commission has come to the conclusion that a high risk for bees cannot be excluded except by imposing further restrictions.
- (11) It is confirmed that the active substances clothianidin, thiamethoxam and imidacloprid are to be deemed to have been approved under Regulation (EC) No 1107/2009. In order to minimise the exposure of bees, it is, however, appropriate to restrict the uses

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European Food Safety Authority; Conclusion on the peer review of the pesticide risk assessment for bees for the active substance clothianidin. EFSA Journal 2013;11(1):3066. [58 pp.] doi:10.2903/j.efsa.2013.3066.

Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid. EFSA Journal 2013;11(1):3068. [55 pp.] doi:10.2903/j.efsa.2013.

Conclusion on the peer review of the pesticide risk assessment for bees for the active substance thiamethoxam. EFSA Journal 2013;11(1):3067. [68 pp.] doi:10.2903/j.efsa.2013.3067. Available online: www.efsa.europa.eu/efsajournal.htm.

of those active substances and to provide for specific risk mitigation measures for the protection of bees. In particular the use of plant protection products containing clothianidin, thiamethoxam or imidacloprid should be prohibited for crops attractive to bees except for uses in greenhouses and except for uses for the production of seeds and plant propagating materials and for cereals except for winter cereals. In addition the use of the plant protection products containing clothianidin, thiamethoxam or imidacloprid should be limited to professional users.

- (12) Concerning applications of clothianidin, thiamethoxam or imidacloprid which may be authorised under the present Regulation, it is appropriate to require further confirmatory information.
- (13) Regulation (EU) No 540/2011 should therefore be amended accordingly.
- (14) Risks for bees from treated seeds have been identified in particular from exposure via dust as regards several crops, from consumption of residues in contaminated pollen and nectar as regards some crops and from exposure via guttation fluid as regards maize. Taking into consideration those risks linked with the use of treated seeds, the use and the placing on the market of seeds treated with plant protection products containing clothianidin, thiamethoxam or imidacloprid should be prohibited for seeds of crops attractive to bees and for seeds of cereals except winter cereals.
- (15) Member States should be provided with time to withdraw authorisations for plant protection products containing clothianidin, thiamethoxam or imidacloprid.
- (16) For plant protection products containing clothianidin, thiamethoxam or imidacloprid, where Member States grant any period of grace in accordance with Article 46 of Regulation (EC) No 1107/2009, this period should expire at the latest 30 June 2013. Within two years from the date of entry into force of the present Regulation the Commission will initiate a review of the new scientific information which it has received.
- (17) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on the Food Chain and Animal Health,

HAS ADOPTED THIS REGULATION:

Article 1
Amendment to Regulation (EC) No 540/2011

The Annex to Regulation (EU) No 540/2011 is amended in accordance with Annex I to this Regulation.

Article 2
Prohibition of placing on the market of treated seeds

From 1 December 2013, seeds of crops listed in Annex II which have been treated with plant protection products containing clothianidin, thiamethoxam or imidacloprid shall not be used or placed on the market with the exception of seeds used in greenhouses and of seeds used for the production of seeds.

Article 3
Transitional measures

Member States shall in accordance with Regulation (EC) No 1107/2009, where necessary amend or withdraw existing authorisations for plant protection products containing clothianidin, thiamethoxam or imidacloprid as active substance by 1 September 2013.

Article 4
Period of grace

Any period of grace granted by Member States in accordance with Article 46 of Regulation (EC) No 1107/2009 shall be as short as possible and shall expire 1 November 2013 at the latest.

Article 5
Entry into force

This Regulation shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels,

For the Commission
The President
José Manuel BARROSO

ANNEX I
Amendments to the Annex to Regulation (EU) No 540/2011

(1) The column 'Specific provisions' of row 121, **clothianidin**, of Part A of the Annex to Implementing Regulation (EU) No 540/2011 is replaced by the following:

‘PART A

Only uses as insecticide for professionals may be authorised.

Uses as seed treatment, soil treatment or foliar application shall not be authorised for the following cereals, when such cereals are sown from January to June with the exception of uses for the production of seeds:

barley, millet, oats, rice, rye, sorghum, triticale, wheat.

Uses as seed treatment, soil treatment or foliar application shall not be authorised for the following crops with the exception of uses in greenhouses and of uses for the production of seeds and plant propagating materials:

Alfalfa *Medicago sativa*

almonds *Prunus amygdalus*; *P. communis*; *Amygdalus communis*

anise, badian, fennel, corian. Including: anise (*Pimpinella anisum*); badian or star anise (*Illicium verum*); caraway (*Carum carvi*); coriander (*Coriandrum sativum*); cumin (*Cuminum cyminum*); fennel (*Foeniculum vulgare*); juniper berries (*Juniperus communis*)

apples *Malus pumila*; *M. sylvestris*; *M. communis*; *Pyrus malus*

apricots *Prunus armeniaca*

artichokes *Cynara scolymus*

asparagus *Asparagus officinalis*

avocados *Persea americana*

bananas *Musa sapientum*; *M. cavendishii*; *M. nana*

beans *Phaseolus* spp

blueberries European blueberry, wild bilberry, whortleberry (*Vaccinium myrtillus*); American blueberry (*V. corymbosum*)

broad beans, horse beans, dry *Vicia faba*: horse-bean (var. *equina*); broad bean (var. *major*); field bean (var. *minor*)

buckwheat *Fagopyrum esculentum* (Polygonaceae)

cabbages and other brassicas

chinese, mustard cabbage, pak-choi (*Brassica chinensis*)

white, red, savoy cabbage, Brussels sprouts, collards, kale and kohlrabi (*Brassica oleracea* all var. except *botrytis*)

carobs *Ceratonia siliqua* Carob-tree, locust bean

carrots *Daucus carota*

castor oil seed *Ricinus communis*

cauliflowers and broccoli *Brassica oleracea* var. *botrytis*, subvariety *cauliflora* and *cymosa*.

cherries Mazzard, sweet cherry (*Prunus avium*; *Cerasus avium*); hardfleshed cherry (var. *duracina*); heart cherry (var. *juliana*)

chestnuts (*Castanea sp*)

chick peas Chickpea, Bengal gram, garbanzos (*Cicer arietinum*)

chicory roots *Cichorium intybus* subsp. *sativum*

chillies and peppers Red and cayenne pepper, paprika, chillies (*Capsicum frutescens*; *C. annuum*); allspice, Jamaica pepper (*Pimenta officinalis*)
 clover for forage and silage *Trifolium* spp.. Various species grown for pasture, green fodder or silage
 coffee, green *Coffea* spp. (*arabica*, *robusta*, *liberica*)
 cow peas Cowpea, blackeye pea/bean (*Vigna unguiculata*)
 cranberries American cranberry (*Vaccinium macrocarpon*); European cranberry (*V. oxycoccus*)
 cucumbers and gherkins *Cucumis sativus*
 currants Black (*Ribes nigrum*); red and white (*R. rubrum*)
 dates *Phoenix dactylifera*
 garlic *Allium sativum*
 gooseberries *Ribes grossularia*
 grapefruit (inc. pomelos) *Citrus maxima*; *C. grandis*; *C. paradisi*
 grapes *Vitis vinifera*
 groundnuts, with shell *Arachis hypogaea*
 hazelnut (*Corylus avellana*)
 hemp *Cannabis sativa*
 kiwi fruit *Actinidia chinensis*
 leeks, other alliaceous veg. Leeks (*Allium porrum*); chives (*A. schoenoprasum*); other alliac
 leguminous for Silage Including inter alia: birdsfoot, trefoil (*Lotus corniculatus*); lespedeza (*Lespedeza* spp.); kudzu (*Pueraria lobata*); sesbania (*Sesbania* spp.); sainfoin, esparcette (*Onobrychis sativa*); sulla (*Hedysarum coronarium*)
 leguminous vegetables, as *Vicia faba*
 lemons and limes Lemon (*Citrus limon*); sour lime (*C. aurantifolia*); sweet lime (*C. limetta*).
 lentils *Lens esculenta*; *Ervum lens*
 linseed *Linum usitatissimum* Flaxseed
 lupins *Lupinus* spp
 maize *Zea mays* Corn, Indian corn, mealies
 melonseed *Cucumis melo*
 cucurbitaceae
 mustard seed White mustard (*Brassica alba*; *B. hirta*; *Sinapis alba*); black mustard (*Brassica nigra*; *Sinapis nigra*)
 okra *Abelmoschus esculentus*; *Hibiscus esculentus*. Also called gombo.
 olives *Olea europaea*
 onions. *Allium cepa*
 oranges Common, sweet orange (*Citrus sinensis*); bitter orange (*C. aurantium*)
 peaches and nectarines *Prunus persica*; *Amygdalus persica*; *Persica laevis*
 pears *Pyrus communis*
 peas Garden pea (*Pisum sativum*); field pea (*P. arvense*)
 peppermint *Mentha* spp.: *M. piperita*
 persimmons *Diospyros kaki*; *D. virginiana*
 pistachios *Pistacia vera*
 plums and sloes Greengage, mirabelle, damson (*Prunus domestica*); sloe (*P. spinosa*)
 poppy seed *Papaver somniferum*
 pumpkins, squash and gourds *Cucurbita* spp. Includes marrows
 pyrethrum, *Dried Chrysanthemum cinerariifolium*
 quinces *Cydonia oblonga*; *C. vulgaris*; *C. japonica*
 rapeseed *Brassica napus* var. *oleifera*.
 raspberries *Rubus idaeus*
 safflower seed *Carthamus tinctorius*

seed cotton *Gossypium* spp
sesame seed *Sesamum indicum*
soybeans *Glycine soja*
spices, including inter alia: bay leaves (*Laurus nobilis*); dill seed (*Anethum graveolens*);
fenugreek seed (*Trigonella foenumgraecum*); saffron (*Crocus sativus*); thyme (*Thymus vulgaris*); turmeric (*Curcuma longa*)
strawberries *Fragaria* spp
sunflower seed *Helianthus annuus*
tangerines, mandarins, clem. Mandarin, tangerine (*Citrus reticulata*); clementine, satsuma (*C. unshiu*)
tobacco, unmanufactured. *Nicotiana tabacum*
turnips for Fodder. *Brassica rapa* var. *rapifera*
vetches Spring/common vetch (*Vicia sativa*)
walnuts, with shell *Jugland* spp.: *J. regia*
watermelons *Citrullus vulgaris*
ornamentals flowering in year of treatment.

PART B

For the implementation of the uniform principles as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on clothianidin, and in particular Appendices I and II thereof, as finalised in the Standing Committee on the Food Chain and Animal Health on 27 January 2006 and the conclusions of the addendum of the review report on clothianidin as finalised in the Standing Committee on the Food Chain and Animal Health on xxxxxxxx shall be taken into account.

In this overall assessment Member States shall pay particular attention to:

- the protection of groundwater, when the active substance is applied in regions with vulnerable soil and/or climate conditions,
- the risk to granivorous birds and mammals when the substance is used as a seed dressing.

Member States shall ensure that:

- the seed coating shall only be performed in professional seed treatment facilities. Those facilities must apply the best available techniques in order to ensure that the release of dust during application to the seed, storage, and transport can be minimised;
- adequate seed drilling equipment shall be used to ensure a high degree of incorporation in soil, minimisation of spillage and minimisation of dust emission.
- the label of the treated seed includes the indication that the seeds were treated with clothianidin and sets out the risk mitigation measures provided for in the authorisation;
- the conditions of the authorisation, in particular for spray applications, include, where appropriate, risk mitigation measures to protect honey bees;

- monitoring programmes are initiated to verify the real exposure of honey bees to clothianidin in areas extensively used by bees for foraging or by beekeepers, where and as appropriate.

Conditions of use shall include risk mitigation measures, where appropriate.

The notifier shall submit confirmatory information as regards:

- (a) the risk to honey bees foraging in nectar or pollen in succeeding crops;
- (b) the potential uptake via roots to flowering weeds;
- (c) the risk to honey bees foraging on insect honey dew;
- (d) the potential guttation exposure and the acute and the long-term risk to colony survival and development, and the risk to bee brood resulting from such exposure
- (e) Further information to address the acute and long term risk to colony survival and development and the risk to bee brood for honeybees from dust drift following drill.

The notifier shall submit that information to the Commission, the Member States and the Authority by 31 December 2014.'

(2) The column 'Specific provisions' of row 140, **thiamethoxam** of Part A of the Annex to Implementing Regulation (EU) No 540/2011 is replaced by the following:

'PART A

Only uses as insecticide for professionals may be authorised.

Uses as seed treatment, soil treatment or foliar application shall not be authorised for the following cereals, when such cereals are sown from January to June with the exception of uses for the production of seeds:

barley, millet, oats, rice, rye, sorghum, triticale, wheat

Uses as seed treatment, soil treatment or foliar application shall not be authorised for the following crops with the exception of uses in greenhouses and of uses for the production of seeds and plant propagating materials:

Alfalfa *Medicago sativa*

almonds *Prunus amygdalus*; *P. communis*; *Amygdalus communis*

anise, badian, fennel, corian. Including: anise (*Pimpinella anisum*); badian or star anise (*Illicium verum*); caraway (*Carum carvi*); coriander (*Coriandrum sativum*); cumin (*Cuminum cyminum*); fennel (*Foeniculum vulgare*); juniper berries (*Juniperus communis*)

apples *Malus pumila*; *M. sylvestris*; *M. communis*; *Pyrus malus*

apricots *Prunus armeniaca*

artichokes *Cynara scolymus*

asparagus *Asparagus officinalis*

avocados *Persea americana*

bananas *Musa sapientum*; *M. cavendishii*; *M. nana*

beans *Phaseolus* spp

blueberries European blueberry, wild bilberry, whortleberry (*Vaccinium myrtillus*); American blueberry (*V. corymbosum*)
 broad beans, horse beans, dry *Vicia faba*: horse-bean (var. *equina*); broad bean (var. *major*); field bean (var. *minor*)
 buckwheat *Fagopyrum esculentum* (Polygonaceae)
 cabbages and other brassicas
 chinese, mustard cabbage, pak-choi (*Brassica chinensis*)
 white, red, savoy cabbage, Brussels sprouts, collards, kale and kohlrabi (*Brassica oleracea* all var. except *botrytis*)
 carobs *Ceratonia siliqua* Carob-tree, locust bean
 carrots *Daucus carota*
 castor oil seed *Ricinus communis*
 cauliflowers and broccoli *Brassica oleracea* var. *botrytis*, subvariety *cauliflora* and *cymosa*.
 cherries Mazzard, sweet cherry (*Prunus avium*; *Cerasus avium*); hardfleshed cherry (var. *duracina*); heart cherry (var. *juliana*)
 chestnuts (*Castanea sp*)
 chick peas Chickpea, Bengal gram, garbanzos (*Cicer arietinum*)
 chicory roots *Cichorium intybus* subsp. *sativum*
 chillies and peppers Red and cayenne pepper, paprika, chillies (*Capsicum frutescens*; *C. annuum*); allspice, Jamaica pepper (*Pimenta officinalis*)
 clover for forage and silage *Trifolium* spp.. Various species grown for pasture, green fodder or silage
 coffee, green *Coffea* spp. (*arabica*, *robusta*, *liberica*)
 cow peas Cowpea, blackeye pea/bean (*Vigna unguiculata*)
 cranberries American cranberry (*Vaccinium macrocarpon*); European cranberry (*V. oxycoccus*)
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 currants Black (*Ribes nigrum*); red and white (*R. rubrum*)
 dates *Phoenix dactylifera*
 garlic *Allium sativum*
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 grapes *Vitis vinifera*
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 kiwi fruit *Actinidia chinensis*
 leeks, other alliaceous veg. Leeks (*Allium porrum*); chives (*A. schoenoprasum*); other alliac
 leguminous for Silage Including inter alia: birdsfoot, trefoil (*Lotus corniculatus*); lespedeza (*Lespedeza* spp.); kudzu (*Pueraria lobata*); sesbania (*Sesbania* spp.); sainfoin, esparcette (*Onobrychis sativa*); sulla (*Hedysarum coronarium*)
 leguminous vegetables, as *Vicia faba*
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 lupins *Lupinus* spp
 maize *Zea mays* Corn, Indian corn, mealies
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 cucurbitaceae
 mustard seed White mustard (*Brassica alba*; *B. hirta*; *Sinapis alba*); black mustard (*Brassica nigra*; *Sinapis nigra*)

okra *Abelmoschus esculentus*; *Hibiscus esculentus*. Also called gombo.
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 pears *Pyrus communis*
 peas Garden pea (*Pisum sativum*); field pea (*P. arvense*)
 peppermint *Mentha spp.*: *M. piperita*
 persimmons *Diospyros kaki*; *D. virginiana*
 pistachios *Pistacia vera*
 plums and sloes Greengage, mirabelle, damson (*Prunus domestica*); sloe (*P. spinosa*)
 poppy seed *Papaver somniferum*
 pumpkins, squash and gourds *Cucurbita spp.* Includes marrows
 pyrethrum, *Dried Chrysanthemum cinerariifolium*
 quinces *Cydonia oblonga*; *C. vulgaris*; *C. japonica*
 rapeseed *Brassica napus* var. *oleifera*.
 raspberries *Rubus idaeus*
 safflower seed *Carthamus tinctorius*
 seed cotton *Gossypium spp*
 sesame seed *Sesamum indicum*
 soybeans *Glycine soja*
 spices, including inter alia: bay leaves (*Laurus nobilis*); dill seed (*Anethum graveolens*);
 fenugreek seed (*Trigonella foenumgraecum*); saffron (*Crocus sativus*); thyme (*Thymus vulgaris*); turmeric (*Curcuma longa*)
 strawberries *Fragaria spp*
 sunflower seed *Helianthus annuus*
 tangerines, mandarins, clem. Mandarin, tangerine (*Citrus reticulata*); clementine, satsuma (*C. unshiu*)
 tobacco, unmanufactured. *Nicotiana tabacum*
 turnips for Fodder. *Brassica rapa* var. *rapifera*
 vetches Spring/common vetch (*Vicia sativa*)
 walnuts, with shell *Jugland spp.*: *J. regia*
 watermelons *Citrullus vulgaris*
 ornamentals flowering in year of treatment.

PART B

For the implementation of the uniform principles as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on thiamethoxam, and in particular Appendices I and II thereof, as finalised in the Standing Committee on the Food Chain and Animal Health on 14 July 2006 and the conclusions of the addendum of the review report on thiamethoxam as finalised in the Standing Committee on the Food Chain and Animal Health on xxxxxxxx shall be taken into account.

In this overall assessment Member States must pay particular attention to:

the potential for groundwater contamination, particularly of the active substance and its metabolites NOA 459602, SYN 501406 and CGA 322704, when the active substance is applied in regions with vulnerable soil and/or climatic conditions,

the protection of aquatic organisms,

the long-term risk to small herbivorous animals if the substance is used for seed treatment.

Member States shall ensure that:

- the seed coating shall only be performed in professional seed treatment facilities. Those facilities must apply the best available techniques in order to ensure that the release of dust during application to the seed, storage, and transport can be minimised;
- adequate seed drilling equipment shall be used to ensure a high degree of incorporation in soil, minimisation of spillage and minimisation of dust emission.
- the label of the treated seed includes the indication that the seeds were treated with thiamethoxam and sets out the risk mitigation measures provided for in the authorisation;
- the conditions of the authorisation, in particular for spray applications, include, where appropriate, risk mitigation measures to protect honey bees;
- monitoring programmes are initiated to verify the real exposure of honey bees to thiamethoxam in areas extensively used by bees for foraging or by beekeepers, where and as appropriate.

Conditions of use shall include risk mitigation measures, where appropriate.

The notifier shall submit confirmatory information as regards:

- (a) the risk to honey bees foraging in nectar or pollen in succeeding crops;
- (b) the potential uptake via roots to flowering weeds;
- (c) the risk to honey bees foraging on insect honey dew;
- (d) the potential guttation exposure and the acute and the long-term risk to colony survival and development, and the risk to bee brood resulting from such exposure
- (e) Further information to address the acute and long term risk to colony survival and development and the risk to bee brood for honeybees from dust drift following drill.

The notifier shall submit that information to the Commission, the Member States and the Authority by 31 December 2014.'

(3) The column 'Specific provisions' of row 216, **imidacloprid**, of Part A of the Annex to Implementing Regulation (EU) No 540/2011 is replaced by the following:

‘PART A

Only uses as insecticide for professionals may be authorised.

Uses as seed treatment, soil treatment or foliar application shall not be authorised for the following cereals, when such cereals are sowed from January to June with the exception of uses for the production of seeds:

barley, millet, oats, rice, rye, sorghum, triticale, wheat

Uses as seed treatment, soil treatment or foliar application shall not be authorised for the following crops with the exception of uses in greenhouses and of uses for the production of seeds and plant propagating materials:

Alfalfa *Medicago sativa*

almonds *Prunus amygdalus*; *P. communis*; *Amygdalus communis*

anise, badian, fennel, corian. Including: anise (*Pimpinella anisum*); badian or star anise (*Illicium verum*); caraway (*Carum carvi*); coriander (*Coriandrum sativum*); cumin (*Cuminum cyminum*); fennel (*Foeniculum vulgare*); juniper berries (*Juniperus communis*)

apples *Malus pumila*; *M. sylvestris*; *M. communis*; *Pyrus malus*

apricots *Prunus armeniaca*

artichokes *Cynara scolymus*

asparagus *Asparagus officinalis*

avocados *Persea americana*

bananas *Musa sapientum*; *M. cavendishii*; *M. nana*

beans *Phaseolus* spp

blueberries European blueberry, wild bilberry, whortleberry (*Vaccinium myrtillus*); American blueberry (*V. corymbosum*)

broad beans, horse beans, dry *Vicia faba*: horse-bean (var. *equina*); broad bean (var. *major*);

field bean (var. *minor*)

buckwheat *Fagopyrum esculentum* (Polygonaceae)

cabbages and other brassicas

chinese, mustard cabbage, pak-choi (*Brassica chinensis*)

white, red, savoy cabbage, Brussels sprouts, collards, kale and kohlrabi (*Brassica oleracea* all var. except *botrytis*)

carobs *Ceratonia siliqua* Carob-tree, locust bean

carrots *Daucus carota*

castor oil seed *Ricinus communis*

cauliflowers and broccoli *Brassica oleracea* var. *botrytis*, subvariety *cauliflora* and *cymosa*.

cherries Mazzard, sweet cherry (*Prunus avium*; *Cerasus avium*); hardfleshed cherry (var. *duracina*); heart cherry (var. *juliana*)

chestnuts (*Castanea* sp)

chick peas Chickpea, Bengal gram, garbanzos (*Cicer arietinum*)

chicory roots *Cichorium intybus* subsp. *sativum*

chillies and peppers Red and cayenne pepper, paprika, chillies (*Capsicum frutescens*; *C. annuum*); allspice, Jamaica pepper (*Pimenta officinalis*)

clover for forage and silage *Trifolium* spp.. Various species grown for pasture, green fodder or silage

coffee, green *Coffea* spp. (*arabica*, *robusta*, *liberica*)

cow peas Cowpea, blackeye pea/bean (*Vigna unguiculata*)

cranberries American cranberry (*Vaccinium macrocarpon*); European cranberry (*V. oxycoccus*)

cucumbers and gherkins *Cucumis sativus*

currants Black (*Ribes nigrum*); red and white (*R. rubrum*)

dates *Phoenix dactylifera*

garlic *Allium sativum*

gooseberries *Ribes grossularia*

grapefruit (inc. pomelos) *Citrus maxima*; *C. grandis*; *C. paradisi*

grapes *Vitis vinifera*

groundnuts, with shell *Arachis hypogaea*
 hazelnut (*Corylus avellana*)
 hemp *Cannabis sativa*
 kiwi fruit *Actinidia chinensis*
 leeks, other alliaceous veg. Leeks (*Allium porrum*); chives (*A. schoenoprasum*); other alliac
 leguminous for Silage Including inter alia: birdsfoot, trefoil (*Lotus corniculatus*); lespedeza
 (*Lespedeza spp.*); kudzu (*Pueraria lobata*); sesbania (*Sesbania spp.*); sainfoin, esparcette
 (*Onobrychis sativa*); sulla (*Hedysarum coronarium*)
 leguminous vegetables, as *Vicia faba*
 lemons and limes Lemon (*Citrus limon*); sour lime (*C. aurantifolia*); sweet lime (*C. limetta*).
 lentils *Lens esculenta*; *Ervum lens*
 linseed *Linum usitatissimum* Flaxseed
 lupins *Lupinus spp*
 maize *Zea mays* Corn, Indian corn, mealies
 melonseed *Cucumis melo*
 cucurbitaceae
 mustard seed White mustard (*Brassica alba*; *B. hirta*; *Sinapis alba*); black mustard (*Brassica
 nigra*; *Sinapis nigra*)
 okra *Abelmoschus esculentus*; *Hibiscus esculentus*. Also called gombo.
 olives *Olea europaea*
 onions. *Allium cepa*
 oranges Common, sweet orange (*Citrus sinensis*); bitter orange (*C. aurantium*)
 peaches and nectarines *Prunus persica*; *Amygdalus persica*; *Persica laevis*
 pears *Pyrus communis*
 peas Garden pea (*Pisum sativum*); field pea (*P. arvense*)
 peppermint *Mentha spp.*: *M. piperita*
 persimmons *Diospyros kaki*; *D. virginiana*
 pistachios *Pistacia vera*
 plums and sloes Greengage, mirabelle, damson (*Prunus domestica*); sloe (*P. spinosa*)
 poppy seed *Papaver somniferum*
 pumpkins, squash and gourds *Cucurbita spp.* Includes marrows
 pyrethrum, Dried *Chrysanthemum cinerariifolium*
 quinces *Cydonia oblonga*; *C. vulgaris*; *C. japonica*
 rapeseed *Brassica napus* var. *oleifera*.
 raspberries *Rubus idaeus*
 safflower seed *Carthamus tinctorius*
 seed cotton *Gossypium spp*
 sesame seed *Sesamum indicum*
 soybeans *Glycine soja*
 spices, including inter alia: bay leaves (*Laurus nobilis*); dill seed (*Anethum graveolens*);
 fenugreek seed (*Trigonella foenumgraecum*); saffron (*Crocus sativus*); thyme (*Thymus
 vulgaris*); turmeric (*Curcuma longa*)
 strawberries *Fragaria spp*
 sunflower seed *Helianthus annuus*
 tangerines, mandarins, clem. Mandarin, tangerine (*Citrus reticulata*); clementine, satsuma (*C.
 unshiu*)
 tobacco, unmanufactured. *Nicotiana tabacum*
 turnips for Fodder. *Brassica rapa* var. *rapifera*
 vetches Spring/common vetch (*Vicia sativa*)
 walnuts, with shell *Jugland spp.*: *J. regia*
 watermelons *Citrullus vulgaris*

ornamentals flowering in year of treatment.

PART B

In assessing applications to authorise plant protection products containing imidacloprid, Member States shall pay particular attention to the criteria in Article 4(3) of Regulation (EC) No 1107/2009, and shall ensure that any necessary data and information is provided before such an authorisation is granted.

For the implementation of the uniform principles as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on imidacloprid, and in particular Appendices I and II thereof, as finalised in the Standing Committee on the Food Chain and Animal Health on 26 September 2008 and the conclusions of the addendum of the review report on imidacloprid as finalised in the Standing Committee on the Food Chain and Animal Health on xxxxxxxx shall be taken into account.

In this overall assessment Member States must pay particular attention to:

- the operator and worker safety and ensure that conditions of use prescribe the application of adequate personal protective equipment,
- the impact on aquatic organisms, non-target arthropods, earthworms, other soil macroorganisms and must ensure that the conditions of authorisation include, where appropriate, risk mitigation measures.

Member States shall ensure that:

- the seed coating shall only be performed in professional seed treatment facilities. Those facilities must apply the best available techniques in order to ensure that the release of dust during application to the seed, storage, and transport can be minimised;
- adequate seed drilling equipment shall be used to ensure a high degree of incorporation in soil, minimisation of spillage and minimisation of dust emission.
- the label of the treated seed includes the indication that the seeds were treated with imidacloprid and sets out the risk mitigation measures provided for in the authorisation;
- the conditions of the authorisation, in particular for spray applications, include, where appropriate, risk mitigation measures to protect honey bees;
- monitoring programmes are initiated to verify the real exposure of honey bees to imidacloprid in areas extensively used by bees for foraging or by beekeepers, where and as appropriate.

Conditions of use shall include risk mitigation measures, where appropriate.

The notifier shall submit confirmatory information as regards:

- (a) the risk to honey bees foraging in nectar or pollen in succeeding crops;

- (b) the potential uptake via roots to flowering weeds;
- (c) the risk to honey bees foraging on insect honey dew;
- (d) the potential guttation exposure and the acute and the long-term risk to colony survival and development, and the risk to bee brood resulting from such exposure;
- (e) Further information to address the acute and long term risk to colony survival and development and the risk to bee brood for honeybees from dust drift following drill.

The notifier shall submit that information to the Commission, the Member States and the Authority by 31 December 2014.'

Annex II
List of seeds, as referred to in Article 2

Seeds treated with plant protection products containing clothianidin, thiametoxam or imidacloprid whose use and placing on the market is prohibited:

Barley, millet, oats, rice, rye, sorghum, triticale, wheat when such cereals are to be sown from January to June.

Alfalfa *Medicago sativa*

anise, badian, fennel, corian. Including: anise (*Pimpinella anisum*); badian or star anise (*Illicium verum*); caraway (*Carum carvi*); coriander (*Coriandrum sativum*); cumin (*Cuminum cyminum*); fennel (*Foeniculum vulgare*); juniper berries (*Juniperus communis*)

asparagus *Asparagus officinalis*

beans *Phaseolus* spp

broad beans, horse beans, dry *Vicia faba*: horse-bean (var. *equina*); broad bean (var. *major*); field bean (var. *minor*)

buckwheat *Fagopyrum esculentum* (Polygonaceae)

cabbages and other brassicas

chinese, mustard cabbage, pak-choi (*Brassica chinensis*)

white, red, savoy cabbage, Brussels sprouts, collards, kale and kohlrabi (*Brassica oleracea* all var. except *botrytis*)

carrots *Daucus carota*

castor oil seed *Ricinus communis*

cauliflowers and broccoli *Brassica oleracea* var. *botrytis*, subvariety *cauliflora* and *cymosa*. Includes headed broccoli

chick peas Chickpea, Bengal gram, garbanzos (*Cicer arietinum*)

chicory roots *Cichorium intybus* subsp. *sativum*

chillies and peppers Red and cayenne pepper, paprika, chillies (*Capsicum frutescens*; *C. annuum*); allspice, Jamaica pepper (*Pimenta officinalis*)

clover for forage and silage *Trifolium* spp.. Various species grown for pasture, green fodder or silage

coffee, green *Coffea* spp. (*arabica*, *robusta*, *liberica*)

cow peas Cowpea, blackeye pea/bean (*Vigna unguiculata*)

cucumbers and gherkins *Cucumis sativus*

garlic *Allium sativum*

groundnuts, with shell *Arachis hypogaea*

hemp *Cannabis sativa*

leeks, other alliaceous veg. Leeks (*Allium porrum*); chives (*A. schoenoprasum*); other alliac

leguminous for Silage Including inter alia: birdsfoot, trefoil (*Lotus corniculatus*); lespedeza (*Lespedeza* spp.); kudzu (*Pueraria lobata*); sesbania (*Sesbania* spp.); sainfoin, esparcette (*Onobrychis sativa*); sulla (*Hedysarum coronarium*)

leguminous vegetables, as *Vicia faba*

lentils *Lens esculenta*; *Ervum lens*

linseed *Linum usitatissimum* Flaxseed

lupins *Lupinus* spp

maize *Zea mays* Corn, Indian corn, mealies

melonseed *Cucumis melo*

cucurbitaceae

mustard seed White mustard (*Brassica alba*; *B. hirta*; *Sinapis alba*); black mustard (*Brassica nigra*; *Sinapis nigra*)
okra *Abelmoschus esculentus*; *Hibiscus esculentus*. Also called gombo.
onions. *Allium cepa*
peas Garden pea (*Pisum sativum*); field pea (*P. arvense*)
peppermint *Mentha spp.*: *M. piperita*
poppy seed *Papaver somniferum*
pumpkins, squash and gourds *Cucurbita spp.* Includes marrows
pyrethrum, *Dried Chrysanthemum cinerariifolium*
rapeseed *Brassica napus* var. *oleifera*.
safflower seed *Carthamus tinctorius*
seed cotton *Gossypium spp*
sesame seed *Sesamum indicum*
soybeans *Glycine soja*
spices, including inter alia: bay leaves (*Laurus nobilis*); dill seed (*Anethum graveolens*);
fenugreek seed (*Trigonella foenumgraecum*); saffron (*Crocus sativus*); thyme (*Thymus vulgaris*); turmeric (*Curcuma longa*)
strawberries *Fragaria spp*
sunflower seed *Helianthus annuus*
tobacco, unmanufactured. *Nicotiana tabacum*
turnips for Fodder. *Brassica rapa* var. *rapifera*
vetches Spring/common vetch (*Vicia sativa*)
watermelons *Citrullus vulgaris*
ornamentals flowering in year of treatment.