

Note: Originally proposed changes are indicated in single underline for additions and ~~single strikethrough~~ for deletions. Changes proposed in this modified regulation text are indicated in double underline for additions and ~~double strikethrough~~ for deletions.

## § 3591.15. Melon Fruit Fly Eradication Area.

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(b) Hosts.

(1) ~~Fruit of the following plants:~~ The berries, fruits, nuts, and vegetables, of the following plant species are considered host articles for Melon fruit fly. Melon fruit fly is also able to infest flowers, fleshy leaves and stems of some cucurbits, so for the following genera and species, those plant parts are also regulated: *Benincasa hispida*, *Citrullus colocynthis*, *Citrullus lanatus*, *Coccinia* spp., *Cucumis anguria*, *Cucumis melo*, *Cucurbita maxima*, *Cucurbita moschata*, *Cucurbita pepo*, *Lagenaria* spp., *Luffa* spp., *Momordica* spp., *Sechium edule*, *Sicyos* spp. and *Trichonsathes* spp. In addition, all cultivars, varieties, and hybrids of the plant species listed are assumed to be suitable hosts unless ~~proven otherwise~~ noted in the footnotes to this table.

<b><i>Common Name</i></b>	<b><i>Scientific Name</i></b>
Apple	<i>Malus sylvestris</i>
Apple, Custard	<i>Annona reticulata</i>
Avocado	<i>Persea americana</i>
Bean, hyacinth	<i>Lablab purpureus</i> subsp. <i>Purpureus</i> [ <i>Dolichos lablab</i> ]
Bean, lima	<i>Phaseolus lunatus</i> [ <i>Phaseolus limensis</i> ]
Bean, mung	<i>Phaseolus radiatus</i>
Bean, string	<i>Phaseolus vulgaris</i>
Cantaloupe	<i>Cucumis melo</i>
	<i>Cucumis melo</i> var. <i>cantalupensis</i>
Cauliflower	<i>Brassica oleracea</i> var. <i>botrytis</i>
Chayote	<i>Sechium edule</i>
Colocynth	<i>Citrullus colocynthis</i>
Cowpea	<i>Vigna unguiculata</i>
Cucumber	<i>Cucumis sativus</i>
Cucumber, bur	<i>Sicyos</i> sp.
Cucurbit	<i>Cucumis pubescens</i>
	<i>Cucumis trigonus</i>
Date palm	<i>Phoenix dactylifera</i>
Eggplant	<i>Solanum melongena</i>
Fig, common	<i>Ficus carica</i>
Gourds	<i>Coccinia</i> spp.
	<i>Crescentia</i> spp.
	<i>Lagenaria</i> spp.
	<i>Luffa</i> spp.

	<i>Momordica</i> spp.
	<i>Trichosanthes</i> spp.
Guava	<i>Psidium guajava</i>
Guava, cattley	<i>Psidium cattleianum</i>
Mango	<i>Mangifera indica</i>
Melon	<i>Citrullus</i> sp.
Melon, Chinese	<i>Benincasa hispida</i>
Melon, Oriental pickling	<i>Cucumis melo</i> var. <i>conomon</i>
Mustard, leaf	<i>Brassica juncea</i>
Okra	<i>Hibiscus esculentus</i>
Orange, king	<i>Citrus nobilis</i>
Orange, mandarin	<i>Citrus reticulata</i>
Orange, sweet	<i>Citrus sinensis</i>
Papaya, common	<i>Carica papaya</i>
Passion fruit	<i>Passiflora edulis</i>
Peach	<i>Prunus persica</i>
Pear	<i>Pyrus communis</i>
Pepper	<i>Capsicum annum</i>
Pepper, chili	<i>Capsicum annum</i>
Pepper, tabaseo	<i>Capsicum frutescens</i>
Pumpkin	<i>Cucurbita pepo</i>
Pumpkin, Canada	<i>Cucurbita mosehata</i>
Scarlet wisteria tree	<i>Sesbania grandiflora</i>
Soursop	<i>Annona muricata</i>
Squash	<i>Cucurbita maxima</i>
Threeleaf cayratia	<i>Cayratia trifolia</i>
Tomato	<i>Lycopersicon esculentum</i> (pink to red ripe)
Tomato, tree	<i>Cyphomandra betaceae</i>
Water lemon	<i>Passiflora laurifolia</i>
Watermelon	<i>Citrullus lanatus</i> [ <i>Citrullus vulgaris</i> ]

(2) Plants of the following species in the Cucurbitaceae:

<b>Common Name</b>	<b>Scientific Name</b>
Cantaloupe	<i>Cucumis melo</i>
Chayote	<i>Sechium edule</i>
Coleynth	<i>Citrullus colocynthis</i>
Cucumber	<i>Cucumis sativus</i>
Cucumber, bur	<i>Sicyos</i> sp.
Cucurbit, wild	<i>Cucumis pubescens</i>
	<i>Cucumis trigonus</i>
Gherkin, West Indian	<i>Cucumis angaria</i>
Gourds	<i>Coccinia</i> spp.

	<i>Crescentia</i> spp.
	<i>Lagenaria</i> spp.
	<i>Luffa</i> spp.
	<i>Momordica</i> spp.
	<i>Trichosanthes</i> spp.
Gourd, angled luffa	<i>Luffa acutangula</i>
Gourd, balsam apple	<i>Momordica balsamina</i>
Gourd, balsam pear	<i>Momordica dioica</i>
Gourd, ivy	<i>Coccinia grandis</i>
Gourd, kakari	<i>Momordica cochinchiensis</i>
Gourd, pointed	<i>Trichosanthes dioica</i>
Gourd, serpent cucumber	<i>Trichosanthes anguina</i>
Gourd, snake	<i>Trichosanthes cucumeroides</i>
Gourd, sponge	<i>Luffa aegyptiaca</i>
Gourd, white-flowered	<i>Lagenaria siceraria</i>
Melon, Chinese	<i>Benincasa hispida</i>
Melon, long	<i>Cucumis utlissimus</i>
Pumpkin	<i>Cucurbita pepo</i>
Pumpkin, Canada	<i>Cucurbita moschata</i>
Squash	<i>Cucurbita maxima</i>
Watermelon	<i>Citrullus lanatus</i> [ <i>Citrullus vulgaris</i> ]

<u>Scientific Name</u>	<u>Common Name</u>
<u><i>Abelmoschus esculentus</i> (L.) Moench</u>	<u>Okra</u>
<u><i>Abelmoschus moschatus</i> Medik.</u>	<u>Musk okra</u>
<u><i>Adenia hondala</i> (Gaertn.) W. J. de Wilde</u>	<u>Hondala</u>
<u><i>Anacardium occidentale</i> L.</u>	<u>Cashew<sup>1</sup></u>
<u><i>Annona senegalensis</i> Pers.</u>	<u>Wild custard apple</u>
<u><i>Artocarpus heterophyllus</i> Lam.</u>	<u>Jackfruit</u>
<u><i>Averrhoa carambola</i> L.</u>	<u>Starfruit</u>
<u><i>Baccaurea angulata</i> Merr.</u>	<u>Red angle tampoi</u>
<u><i>Benincasa fistulosa</i> (Stocks) H. Schaef. &amp; S. S. Renner</u>	<u>Round gourd</u>
<u><i>Benincasa hispida</i> (Thunb.) Cogn.</u>	<u>Ash gourd</u>
<u><i>Brassica juncea</i> (L.) Czern.</u>	<u>Brown mustard<sup>2</sup></u>
<u><i>Capparis sepiaria</i> L.</u>	<u>N/A</u>
<u><i>Capparis thorelii</i> Gagnep.</u>	<u>N/A</u>
<u><i>Capsicum annuum</i> L.</u>	<u>Sweet pepper, bell pepper</u>
<u><i>Capsicum frutescens</i> L.</u>	<u>Bird pepper</u>
<u><i>Carica papaya</i> L.</u>	<u>Papaya</u>

<u><i>Citrullus amarus</i> Schrad.</u>	<u>Citron melon</u>
<u><i>Citrullus colocynthis</i> (L.) Schrad.</u>	<u>Bitter apple</u>
<u><i>Citrullus lanatus</i> (Thunb.) Matsum. &amp; Nakai</u>	<u>Watermelon</u>
<u><i>Citrus hystrix</i> DC.</u>	<u>Kaffir lime</u>
<u><i>Citrus maxima</i> (Burm.) Merr.</u>	<u>Pummelo, pomelo</u>
<u><i>Citrus paradisi</i> Macfad.</u>	<u>Grapefruit</u>
<u><i>Citrus reticulata</i> Blanco</u>	<u>Mandarin</u>
<u><i>Citrus sinensis</i> (L.) Osbeck</u>	<u>Orange</u>
<u><i>Coccinia grandis</i> (L.) Voigt</u>	<u>Ivy gourd</u>
<u><i>Coffea arabica</i> L.</u>	<u>Arabian coffee</u>
<u><i>Cucumis anguria</i> L.</u>	<u>Pepino cimarrón</u>
<u><i>Cucumis dipsaceus</i> Ehrenb. Ex Spach</u>	<u>Hedgehog cucumber</u>
<u><i>Cucumis maderaspatanus</i> L.</u>	<u>Sträv mukreva</u>
<u><i>Cucumis sativus</i> L.</u>	<u>Cucumber</u>
<u><i>Cucumis melo</i> L.</u>	<u>Melon, Oriental pickling melon, cantaloupe, snake melon, honeydew melon</u>
<u><i>Cucumis</i> spp.</u>	<u>Melon, cucumber, cantaloupe</u>
<u><i>Cucurbita maxima</i> Duchesne</u>	<u>Pumpkin</u>
<u><i>Cucurbita moschata</i> Duchesne</u>	<u>Butternut squash</u>
<u><i>Cucurbita pepo</i> L.</u>	<u>Bitter bottle gourd, acorn squash, spaghetti squash</u>
<u><i>Cucurbita</i> spp.</u>	<u>Pumpkin, squash, gourd</u>
<u><i>Cyclanthera pedata</i> (L.) Schrad.</u>	<u>Lady's slipper</u>
<u><i>Cydonia oblonga</i> Mill.</u>	<u>Quince</u>
<u><i>Diplocyclos palmatus</i> (L.) C. Jeffrey</u>	<u>Lollipop climber</u>
<u><i>Dracaena curtisii</i> Ridl.</u>	<u>N/A</u>
<u><i>Dracontomelon dao</i> (Blanco) Merr. &amp; Rolfe</u>	<u>Argus pheasant tree</u>
<u><i>Eriobotrya japonica</i> (Thunb.) Lindl.</u>	<u>Loquat</u>
<u><i>Ficus carica</i> L.</u>	<u>Fig</u>
<u><i>Ficus chartacea</i> Wall. Ex King</u>	<u>N/A</u>
<u><i>Ficus erecta</i> Thunb.</u>	<u>Ai xiao tian xian guo</u>
<u><i>Ficus pumila</i> L.</u>	<u>Climbing fig</u>
<u><i>Fragaria vesca</i> L.</u>	<u>Wild strawberry</u>
<u><i>Gymnopetalum scabrum</i> (Lour.) W. J. de Wilde &amp; Duyfjes</u>	<u>N/A</u>
<u><i>Hylocereus undatus</i> (Haw.) Britton &amp; Rose</u>	<u>Dragon fruit, Pitaya</u>
<u><i>Juglans hindsii</i> (Jeps.) R. E. Sm.</u>	<u>Hind's black walnut<sup>3</sup></u>
<u><i>Lablab purpureus</i> (L.)</u>	<u>Lablab bean</u>
<u><i>Lagenaria siceraria</i> (Molina) Standl.</u>	<u>Bottle gourd</u>

<u>Lagenaria sphaerica</u> (Sond.) Naudin	<u>Kanonkulpumpa</u>
<u>Luffa acutangula</u> (L.) Roxb.	<u>Angled loofah</u>
<u>Luffa aegyptiaca</u> Mill.	<u>Smooth loofah</u>
<u>Luffa</u> spp.	<u>Loofah</u>
<u>Maerua siamensis</u> (Kurz) Pax	<u>N/A</u>
<u>Mangifera indica</u> L.	<u>Mango</u>
<u>Manilkara zapota</u> (L.) P. Royen	<u>Sapote</u>
<u>Melothria sphaerocarpa</u> (Cogn.) H. Schaef. & S. S. Renner	<u>Dark egusi</u>
<u>Momordica balsamina</u> L.	<u>Balsam apple</u>
<u>Momordica charantia</u> L.	<u>Bitter melon, Balsam apple</u>
<u>Momordica cochinchinensis</u> (Lour.) Spreng.	<u>Balsam pear</u>
<u>Momordica dioica</u> Roxb. Ex Willd.	<u>Spine gourd</u>
<u>Momordica foetida</u> Schumach.	<u>N/A</u>
<u>Momordica</u> spp.	<u>Balsam apple, balsam pear, spine gourd</u>
<u>Momordica trifoliolata</u> Hook. F.	<u>N/A</u>
<u>Musa x paradisiaca</u> L.	<u>Banana<sup>4</sup></u>
<u>Pandanus fascicularis</u> Lam.	<u>Padang</u>
<u>Passiflora edulis</u> Sims	<u>Passionfruit</u>
<u>Passiflora laurifolia</u> L.	<u>Yellow granadilla</u>
<u>Persea americana</u> Mill.	<u>Avocado<sup>5</sup></u>
<u>Phaseolus lunatus</u> L.	<u>Lima bean</u>
<u>Phaseolus vulgaris</u> L.	<u>Bean</u>
<u>Physalis philadelphica</u> Lam.	<u>Husk tomato</u>
<u>Psidium cattleianum</u> Sabine	<u>Strawberry guava</u>
<u>Psidium guajava</u> L.	<u>Guava</u>
<u>Sechium edule</u> (Jacq.) Sw.	<u>Chayote</u>
<u>Sesbania grandiflora</u> (L.) Poir.	<u>Hummingbird tree, Katuray<sup>6</sup></u>
<u>Sicyos pachycarpus</u> Hook. & Arn.	<u>Kupala</u>
<u>Solanum aethiopicum</u> L.	<u>Chinese scarlet eggplant</u>
<u>Solanum anguivi</u> Lam.	<u>N/A</u>
<u>Solanum betaceum</u> Cav.	<u>Tree tomato</u>
<u>Solanum capsicoides</u> All.	<u>Cockroach berry</u>
<u>Solanum erianthum</u> D. Don	<u>Big eggplant</u>
<u>Solanum linnaeanum</u> Hepper & P.-M. L. Jaeger	<u>Apple of Sodom</u>
<u>Solanum lycopersicum</u> L.	<u>Tomato, cherry tomato</u>
<u>Solanum macrocarpon</u> L.	<u>African eggplant</u>
<u>Solanum mauritianum</u> Scop.	<u>Bugtree</u>
<u>Solanum melongena</u> L.	<u>Eggplant</u>

<u><i>Solanum nigrum</i> L.</u>	<u>Black nightshade</u>
<u><i>Solanum pseudocapsicum</i> L.</u>	<u>Jerusalem cherry</u>
<u><i>Solanum sessiliflorum</i> Dunal</u>	<u>Orinoco apple</u>
<u><i>Solanum</i> spp.</u>	<u>Tomato, eggplant, cockroach berry, Apple of Sodom, bugtree, nightshade, False Jerusalem cherry</u>
<u><i>Solanum trilobatum</i> L.</u>	<u>N/A</u>
<u><i>Strychnos nux-vomica</i> L.</u>	<u>Nux-vomica tree</u>
<u><i>Strychnos spinosa</i> Lam.</u>	<u>Monkey orange</u>
<u><i>Syzygium samarangense</i> (Blume) Merr. &amp; L. M. Perry</u>	<u>Java apple</u>
<u><i>Telfairia occidentalis</i> Hook. F.</u>	<u>Fluted gourd</u>
<u><i>Terminalia catappa</i> L.</u>	<u>Tropical almond</u>
<u><i>Tetrastigma leucostaphylum</i> (Dennst.) Alston ex Mabb.</u>	<u>N/A</u>
<u><i>Trichosanthes cucumerina</i> L.</u>	<u>Snake gourd, club gourd</u>
<u><i>Trichosanthes dioica</i> Roxb.</u>	<u>Pointed gourd</u>
<u><i>Trichosanthes pilosa</i> Lour.</u>	<u>Snake gourd</u>
<u><i>Trichosanthes</i> spp.</u>	<u>Snake gourd, club gourd, pointed gourd, limeberry</u>
<u><i>Trichosanthes tricuspida</i> Lour.</u>	<u>N/A</u>
<u><i>Trichosanthes wallichiana</i> (Ser.) Wight</u>	<u>N/A</u>
<u><i>Trichosanthes wawraei</i> Cogn.</u>	<u>N/A</u>
<u><i>Triphasia trifolia</i> (Burm. F.) P. Wilson</u>	<u>Limeberry</u>
<u><i>Vigna unguiculata</i> (L.) Walp.</u>	<u>Cowpea, asparagus bean, black-eyed pea</u>
<u><i>Zehneria mucronata</i> (Blume) Miq.</u>	<u>N/A</u>
<u><i>Zehneria wallichii</i> (C. B. Clarke) C. Jeffrey</u>	<u>N/A</u>
<u><i>Ziziphus jujuba</i> Mill.</u>	<u>Chinese jujube</u>

<sup>1</sup> Nuts are not regulated, the fleshy fruit is the host material

<sup>2</sup> Seeds are not regulated, the fleshy leaf is the host material

<sup>3</sup> Nuts are not regulated, the husk is the host material

<sup>4</sup> Movement of green bananas of cultivars “Williams”, “Valery”, “Grand Nain” and standard and dwarf “Brazilian” without fingers that are ripe before the rest of the plant, fused fingers, or exposed flesh may be allowed through the system approach listed in 7 CFR § 318.13-22, Section (a), 74 FR 2775, Jan. 16, 2009, as amended at 75 FR 4249, Jan. 26, 2010 which is hereby incorporated by reference

<sup>5</sup> Mature, green, commercially-produced ‘Sharwil’ avocados are not regulated

<sup>6</sup> Flowers are the host material.

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Authority cited: Sections 407, ~~and 5322,~~ and 5761, Food and Agricultural Code.  
Reference: Sections ~~5761, 5762,~~ and 5763 ~~and 5764~~ Food and Agricultural Code.