

***Bactrocera cucurbitae*, Melon Fly Host List, 2016**

The berries, fruits, nuts or vegetables of the listed plant species are now considered host articles for melon fly. Melon 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.

| Scientific Name | Common Name |
|---|----------------------------|
| <i>Abelmoschus esculentus</i> (L.) Moench | Okra |
| <i>Abelmoschus moschatus</i> Medik. | Musk okra |
| <i>Adenia hondala</i> (Gaertn.) W. J. de Wilde | Hondala |
| <i>Anacardium occidentale</i> L. | Cashew ¹ |
| <i>Annona senegalensis</i> Pers. | Wild custard apple |
| <i>Artocarpus heterophyllus</i> Lam. | Jackfruit |
| <i>Averrhoa carambola</i> L. | Starfruit |
| <i>Baccaurea angulata</i> Merr. | Red angle tampoi |
| <i>Benincasa fistulosa</i> (Stocks) H. Schaef. & S. S. Renner | Round gourd |
| <i>Benincasa hispida</i> (Thunb.) Cogn. | Ash gourd |
| <i>Brassica juncea</i> (L.) Czern. | Brown mustard ² |
| <i>Capparis sepiaria</i> L. | N/A |
| <i>Capparis thorelii</i> Gagnep. | N/A |
| <i>Capsicum annuum</i> L. | Sweet pepper, bell pepper |
| <i>Capsicum frutescens</i> L. | Bird pepper |
| <i>Carica papaya</i> L. | Papaya |
| <i>Citrullus amarus</i> Schrad. | Citron melon |
| <i>Citrullus colocynthis</i> (L.) Schrad. | Bitter apple |
| <i>Citrullus lanatus</i> (Thunb.) Matsum. & Nakai | Watermelon |
| <i>Citrus hystrix</i> DC. | Kaffir lime |
| <i>Citrus maxima</i> (Burm.) Merr. | Pummelo, pomelo |
| <i>Citrus paradisi</i> Macfad. | Grapefruit |
| <i>Citrus reticulata</i> Blanco | Mandarin |
| <i>Citrus sinensis</i> (L.) Osbeck | Orange |
| <i>Coccinia grandis</i> (L.) Voigt | Ivy gourd |
| <i>Coffea arabica</i> L. | Arabian coffee |
| <i>Cucumis anguria</i> L. | Pepino cimarrón |
| <i>Cucumis dipsaceus</i> Ehrenb. ex Spach | Hedgehog cucumber |
| <i>Cucumis maderaspatanus</i> L. | Sträv mukreva |

| | |
|--|---|
| <i>Cucumis sativus</i> L. | Cucumber |
| <i>Cucumis melo</i> L. | Melon, Oriental pickling melon, cantaloupe, snake melon, honeydew melon |
| <i>Cucumis</i> spp. | Melon, cucumber, cantaloupe |
| <i>Cucurbita maxima</i> Duchesne | Pumpkin |
| <i>Cucurbita moschata</i> Duchesne | Butternut squash |
| <i>Cucurbita pepo</i> L. | Bitter bottle gourd, acorn squash, spaghetti squash |
| <i>Cucurbita</i> spp. | Pumpkin, squash, gourd |
| <i>Cyclanthera pedata</i> (L.) Schrad. | Lady's slipper |
| <i>Cydonia oblonga</i> Mill. | Quince |
| <i>Diplocyclos palmatus</i> (L.) C. Jeffrey | Lollipop climber |
| <i>Dracaena curtisii</i> Ridl. | N/A |
| <i>Dracontomelon dao</i> (Blanco) Merr. & Rolfe | Argus pheasant tree |
| <i>Eriobotrya japonica</i> (Thunb.) Lindl. | Loquat |
| <i>Ficus carica</i> L. | Fig |
| <i>Ficus chartacea</i> Wall. ex King | N/A |
| <i>Ficus erecta</i> Thunb. | Ai xiao tian xian guo |
| <i>Ficus pumila</i> L. | Climbing fig |
| <i>Fragaria vesca</i> L. | Wild strawberry |
| <i>Gymnopetalum scabrum</i> (Lour.) W. J. de Wilde & Duyfjes | N/A |
| <i>Hylocereus undatus</i> (Haw.) Britton & Rose | Dragon fruit, Pitaya |
| <i>Juglans hindsii</i> (Jeps.) R. E. Sm. | Hind's black walnut ³ |
| <i>Lablab purpureus</i> (L.) | Lablab bean |
| <i>Lagenaria siceraria</i> (Molina) Standl. | Bottle gourd |
| <i>Lagenaria sphaerica</i> (Sond.) Naudin | Kanonkulpumpa |
| <i>Luffa acutangula</i> (L.) Roxb. | Angled loofah |
| <i>Luffa aegyptiaca</i> Mill. | Smooth loofah |
| <i>Luffa</i> spp. | Loofah |
| <i>Maerua siamensis</i> (Kurz) Pax | N/A |
| <i>Mangifera indica</i> L. | Mango |
| <i>Manilkara zapota</i> (L.) P. Royen | Sapote |
| <i>Melothria sphaerocarpa</i> (Cogn.) H. Schaeff. & S. S. Renner | Dark egusi |
| <i>Momordica balsamina</i> L. | Balsam apple |
| <i>Momordica charantia</i> L. | Bitter melon, Balsam apple |
| <i>Momordica cochinchinensis</i> (Lour.) Spreng. | Balsam pear |
| <i>Momordica dioica</i> Roxb. ex Willd. | Spine gourd |
| <i>Momordica foetida</i> Schumach. | N/A |

| | |
|--|--|
| <i>Momordica</i> spp. | Balsam apple, balsam pear, spine gourd |
| <i>Momordica trifoliolata</i> Hook. f. | N/A |
| <i>Musa x paradisiaca</i> L. | Banana ⁴ |
| <i>Pandanus fascicularis</i> Lam. | Padang |
| <i>Passiflora edulis</i> Sims | Passionfruit |
| <i>Passiflora laurifolia</i> L. | Yellow granadilla |
| <i>Persea americana</i> Mill. | Avocado ⁵ |
| <i>Phaseolus lunatus</i> L. | Lima bean |
| <i>Phaseolus vulgaris</i> L. | Bean |
| <i>Physalis philadelphica</i> Lam. | Husk tomato |
| <i>Psidium cattleianum</i> Sabine | Strawberry guava |
| <i>Psidium guajava</i> L. | Guava |
| <i>Sechium edule</i> (Jacq.) Sw. | Chayote |
| <i>Sesbania grandiflora</i> (L.) Poir. | Hummingbird tree, Katuray ⁶ |
| <i>Sicyos pachycarpus</i> Hook. & Arn. | Kupala |
| <i>Solanum aethiopicum</i> L. | Chinese scarlet eggplant |
| <i>Solanum anguivi</i> Lam. | N/A |
| <i>Solanum betaceum</i> Cav. | Tree tomato |
| <i>Solanum capsicoides</i> All. | Cockroach berry |
| <i>Solanum erianthum</i> D. Don | Big eggplant |
| <i>Solanum linnaeanum</i> Hepper & P.-M. L. Jaeger | Apple of Sodom |
| <i>Solanum lycopersicum</i> L. | Tomato, cherry tomato |
| <i>Solanum macrocarpon</i> L. | African eggplant |
| <i>Solanum mauritianum</i> Scop. | Bugtree |
| <i>Solanum melongena</i> L. | Eggplant |
| <i>Solanum nigrum</i> L. | Black nightshade |
| <i>Solanum pseudocapsicum</i> L. | Jerusalem cherry |
| <i>Solanum sessiliflorum</i> Dunal | Orinoco apple |
| <i>Solanum</i> spp. | Tomato, eggplant, cockroach berry, Apple of Sodom, bugtree, nightshade, False Jerusalem cherry |
| <i>Solanum trilobatum</i> L. | N/A |
| <i>Strychnos nux-vomica</i> L. | Nux-vomica tree |
| <i>Strychnos spinosa</i> Lam. | Monkey orange |
| <i>Syzygium samarangense</i> (Blume) Merr. & L. M. Perry | Java apple |
| <i>Telfairia occidentalis</i> Hook. f. | Fluted gourd |

| | |
|---|---|
| <i>Terminalia catappa</i> L. | Tropical almond |
| <i>Tetrastigma leucostaphylum</i> (Dennst.) Alston ex Mabb. | N/A |
| <i>Trichosanthes cucumerina</i> L. | Snake gourd, club gourd |
| <i>Trichosanthes dioica</i> Roxb. | Pointed gourd |
| <i>Trichosanthes pilosa</i> Lour. | Snake gourd |
| <i>Trichosanthes</i> spp. | Snake gourd, club gourd, pointed gourd, limeberry |
| <i>Trichosanthes tricuspidata</i> Lour. | N/A |
| <i>Trichosanthes wallichiana</i> (Ser.) Wight | N/A |
| <i>Trichosanthes wawraei</i> Cogn. | N/A |
| <i>Triphasia trifolia</i> (Burm. f.) P. Wilson | Limeberry |
| <i>Vigna unguiculata</i> (L.) Walp. | Cowpea, asparagus bean, black-eyed pea |
| <i>Zehneria mucronata</i> (Blume) Miq. | N/A |
| <i>Zehneria wallichii</i> (C. B. Clarke) C. Jeffrey | N/A |
| <i>Ziziphus jujuba</i> Mill. | Chinese jujube |

¹ Nuts are not regulated, the fleshy fruit is the host material

² Seeds are not regulated, the fleshy leaf is the host material

³ Nuts are not regulated, the husk is the host material

⁴ Movement of green bananas of cultivars “Williams”, “Valery”, “Grand Nain” and standard and dwarf “Brazilian” without prematurely ripe fingers, fused fingers or exposed flesh may be allowed through the system approach listed in 7 CFR § 318.13-22

⁵ Mature, green commercially-produced ‘Sharwil’ avocados are not regulated

⁶ Flowers are the host material