BIOLOGICAL MATERIALS, E.G. PLANTS, PLANT GENOMES, PLANT PATHOGENS, PLANT MATERIAL

The ECCN is **1C354**

Provide your complete ECCN to [exportcontrolhelp@mit.edu](mailto:exportcontrolhelp@mit.edu) along with recipient’s name, institution, address, country

Yes

Is your material in the list below\*?

No

Provide your ECCN to [exportcontrolhelp@mit.edu](mailto:exportcontrolhelp@mit.edu) along with recipient’s name, institution, address, country

Do you know the Export Control Classification Number (ECCN) for your material?

Yes

Your biological materials name, e.g. plant, plant genome, plant material

Is your material a genetically modified organism from the list\* or does it contain from the list:

* any genetic elements (chromosomes, genomes, plasmids, transposons, vectors, inactivated organism with recoverable nucleic acid fragments, genetically modified or chemically synthetized in whole or part)
* any genetic element that encodes for genes or genes specific to the any listed virus/bacteria
* any toxins or their subunits
* endow/enhance pathogenicity when insertion/integration of nucleic acid sequence(s) is/are likely to enable/increase a recipient organism’s ability to be used to deliberately cause disease or death. Might include inter alia: virulence, transmissibility, stability, route of infection, host range, reproducibility, ability to evade/suppress host immunity, resistance to medical countermeasures, or detectability

Example: E. coli containing genes from Ralstonia solanacearum race 3, biovar 2

Yes

The ECCN is **1C353**

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The ECCN is **EAR99**

Provide your ECCN to [exportcontrolhelp@mit.edu](mailto:exportcontrolhelp@mit.edu) along with recipient’s name, institution, address, country

No

No

|  |  |
| --- | --- |
| **\*Export Control Classification Number (ECCN): 1C354 Plant Pathogens, regardless of the quantity or attenuation** | **ECCN** |
| **BACTERIA** |  |
| Xanthomonaz albilineans | 1C354.a.1 |
| Xanthomonas axonopodis pv. Citri (Xanthomonas campestris pv citri A, Xanthomonas campestris pv citri) | 1C354.a.2 |
| Xanthomonas oryzae (Xanthomonas oryzae pv oryzae; aka Xanthomonas campestris pv oryzae)\* | 1C354.a.3 |
| Clavibacter michiganensis subspecies sepedonicus (aka Corynebacterium michiganensis subspecies sepedonicum; Corynebacterium spedeonicum) | 1C354.a.4 |
| Ralstonia solanacearum race 3, biovar 2\* | 1C354.a.5 |
| Raythayibactor toxicus\* | 1C354.a.6 |
|  |  |
| **FUNGI** |  |
| Colletotrichum kahawae (Colletotrichum coffeanum var virulans) | 1C354.b.1 |
| Cochliobolus miyabeanus (Helminthosporium oryzae) | 1C354.b.2 |
| Microcyclus ulei (aka Dothidella ulei) | 1C354.b.3 |
| Puccinnia graminis ssp. Graminis var. graminis/Puccinia graminis ssp. Graminis var. stakmanii; Puccina graminis; Puccinia graminis f. sp. Tritici) | 1C354.b.4 |
| Puccinia striiformis (Puccinia glumarum) | 1C354.b.5 |
| Magnaporthe oryzae (Pyricularia oryzae) | 1C354.b.6 |
| Pernosclerospora philippinensis (Peronoscleraspora sacchari)\* | 1C354.b.7 |
| Sclerophthora rayssiae var. zeae\* | 1C354.b.8 |
| Synchytrium endobioticum\* | 1C354.b.9 |
| Tilletia indica | 1C354.b.10 |
| Thecaphora solani | 1C354.b.11 |
| Phoma glycinicola (aka Pyrenochaeta glycines)\* | 1C354.b.12 |
|  |  |
| **VIRUS** |  |
| Andean potato latent virus (aka Potato Andean latent tymovirus) | 1C354.c.1 |
| Potato spindle tuber viroid) | 1C354.c.2 |

\*Denotes a Select Agent

* Export Control Classification Number (EECN): 1C354 Plant Pathogens, regardless of the quantity or attenuation as of 12/19/2019
* 1C354 Export Control Classification Number (EECN): 1C354 Plant Pathogens, regardless of the quantity or attenuation, excludes vaccines covered under 1C991; 1C353 Genetic elements and genetically-modified organisms

For the most up-to-date ECCN list, please visit <https://www.bis.doc.gov/index.php/regulations/export-administration-regulations-ear>