

UK pest status report for *Liriomyza huidobrensis*

Field	Detail
Pest species name	<i>Liriomyza huidobrensis</i> (Blanchard 1926)
Pest taxon (order, family)	Insecta: Diptera: Agromyzidae
Synonyms	<i>Agromyza huidobrensis</i> Blanchard, 1926; <i>Liriomyza cucumifoliae</i> Blanchard, 1938; <i>Liriomyza decora</i> Blanchard 1954; <i>Liriomyza dianthi</i> Frick, 1958; <i>Liriomyza langei</i> Frick, 1951
Pest common name	South American leaf miner; serpentine leaf miner; pea leaf miner; potato leaf miner
Regulatory status	Great Britain: Regulated quarantine pest Northern Ireland: Protected zone quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest eradicated Occasional outbreaks under glass and regularly intercepted in plants and produce entering the UK.
Global distribution	Africa: Comoros, Kenya, Mauritius, Morocco, Reunion, Seychelles, South Africa, Zimbabwe. North America: Canada, United States of America (eradicated except for Hawaii). South and Central America: Argentina, Belize, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, French Guiana, Guadeloupe, Guatemala, Honduras, Nicaragua, Panama, Peru, Uruguay, Venezuela. Asia: China, India, Indonesia (Java, Sulawesi, Sumatra), Israel, Japan, Jordan, Korea Dem. People's Republic, Korea, Republic, Lebanon, Malaysia (West), Philippines, Singapore, Sri Lanka, Syria, Taiwan, Thailand, Vietnam. Europe: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Finland, France, Germany, Greece, Hungary, Italy, Malta, Montenegro, Netherlands, Poland, Portugal (Inc. Madeira), Serbia, Spain (Inc. Islas Canarias), Switzerland, Türkiye. Australasia & Oceania: Australia, Guam.
Main hosts	Highly polyphagous, including many host of economic importance. Has no specific preferences.

Likelihood for establishment in UK	Highly likely, but only in protected cultivation i.e. under glass
Website(s)	https://keys.lucidcentral.org/keys/v3/leafminers/key/Polyphagous%20Agromyzid%20Leafminers/Media/Html/Liriomyza_huidobrensis.htm https://gd.eppo.int/taxon/LIRIHU/hosts https://www.cabdigitalibrary.org/doi/10.1079/cabicompndium.30956 https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?csref=20889

References

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area: <https://www.fao.org/3/x2968e/x2968e.pdf>