

**Appendix 1**  
**Light Brown Apple Moth (LBAM)**  
**Host List**  
**Exempted from Federal Quarantine Order**  
 August 2007

The host commodities listed below are exempt from the conditions required in the LBAM Federal Domestic Quarantine Order for interstate movement of regulated articles. The exemption is applicable only to commercially-produced commodities based on the pest mitigations provided through industry standards of production, harvesting, and packaging practices for each of the exempted commodities.

<b>Host (Scientific Name)</b>	<b>Host (Common Name)</b>	<b>Justification for Exemption</b>
Brassica spp.	Broccoli Brussel sprouts Cauliflower Cabbage Kale Bok choy Kohlrabi	Integrated Pest Management (IPM) practices implemented by producers, including the use of routine chemical applications that are designed to suppress Lepidoptera pests, also target LBAM. In addition, harvesting and packaging practices provide the safeguard necessary to eliminate the risk of harboring LBAM. As each of the listed Brassica spp. commodities is hand picked, the outer leaves are removed, and inspected for quality, as well as ensuring freedom from pests and diseases before packing and storage. Blemished commodities do not leave the production area and are either disked into the ground or consumed locally.
Brassica spp.	Mustard Collards	In addition to the above practices, mustard leaves and collards are carefully washed and inspected again prior to packing and storage.

<b>Host (Scientific Name)</b>	<b>Host (Common Name)</b>	<b>Justification for Exemption</b>
Petroselinum crispum	Parsley	IPM practices implemented by producers, including the use of routine chemical applications that are designed to suppress Lepidoptera pests, also target LBAM. Harvest practices focus heavily on visual inspection of leaves in the field before packing and any blemished product does not leave the production site. Leaves are washed and inspected again before packing.
Apium spp.	Celery	Same as parsley
Lactuca sativa	Head Lettuce	IPM practices implemented by producers, including the use of routine chemical applications that are designed to suppress Lepidoptera pests, also target LBAM. In addition, harvesting and packaging practices provide the safeguard necessary to eliminate the risk of harboring LBAM. Each head of lettuce is hand picked, the outer leaves are removed, and inspected for quality, as well as ensuring freedom from pests and diseases before packing and storage. Blemished lettuce heads do not leave the production site and are either disked into the ground or consumed locally.
Lactuca sativa	Leaf Lettuce	IPM practices implemented by producers, including the use of routine chemical applications that are designed to suppress Lepidoptera pests, also target LBAM. In addition, leaf lettuce is mechanically harvested, thoroughly washed, and then inspected before shipping from the regulated area.
Spinacia oleracea	Spinach	Same as leaf lettuce
Asparagus officinalis	Asparagus	Only the asparagus spears are harvested. After harvest they are washed, inspected and bundled before packing and shipping. Any blemished spears would be culled in the field.
Cucurbita spp.	Squash Pumpkin	Only the squash and pumpkin are harvested (no leaves) and the product is inspected thoroughly before shipping from the field.

<b>Host (Scientific Name)</b>	<b>Host (Common Name)</b>	<b>Justification for Exemption</b>
Capsicum spp.	Peppers	Only the peppers are harvested (no leaves) and the product is inspected thoroughly before shipping from the field.
Solanum lycopersicum	Tomato	Only the tomatoes are harvested (no leaves) and the product is inspected thoroughly before shipping from the field.
Daucus spp.	Carrot (w/o tops)	This root crop that is generally harvested mechanically with leaves removed in the field. Carrots are processed in packing plants where they are washed, brushed, inspected and packaged before shipping.
Cynara scolymus	Globe artichoke	Only artichoke thistle flower heads are harvested and are inspected twice before packing and shipping from the field to the cooler. They are inspected again at the cooler before final packing and shipping to market.
Raphanus spp.	Radish (w/o tops)	This root crop that is generally harvested mechanically with leaves removed in the field. Radishes are processed through packing plants where they are washed, brushed, inspected and packaged before shipping.
Solanum spp.	Potato	This root crop that is generally harvested mechanically with no leaves attached. Potatoes are processed in packing plants where they are washed, brushed, inspected and packaged before shipping.
Beta spp.	Beet	This root crop that is generally harvested mechanically with leaves removed in the field. Beets are processed in packing plants where they are washed, brushed, inspected and packaged before shipping.
Olea spp.	Olive	The product is hand picked and placed in bins that are immediately taken to packing plants where the olives are placed in a brine solution for curing.
Juglans spp.	Walnuts	All commercial walnuts are mechanically harvested free of husks and leaves and are taken in bins to packing plants where they are inspected thoroughly before packing.

<b>Host (Scientific Name)</b>	<b>Host (Common Name)</b>	<b>Justification for Exemption</b>
Zea mays	Sweet Corn	<p>IPM practices implemented by producers, including the use of routine chemical applications that are designed to suppress Lepidoptera pests, also target LBAM</p> <p>In addition to this, processing and packaging practices involving the use of an ice water bath immediately followed by the commodity being packed in ice for shipment provides the safeguard necessary to eliminate the risk of harboring or reinfestation of LBAM.</p>