



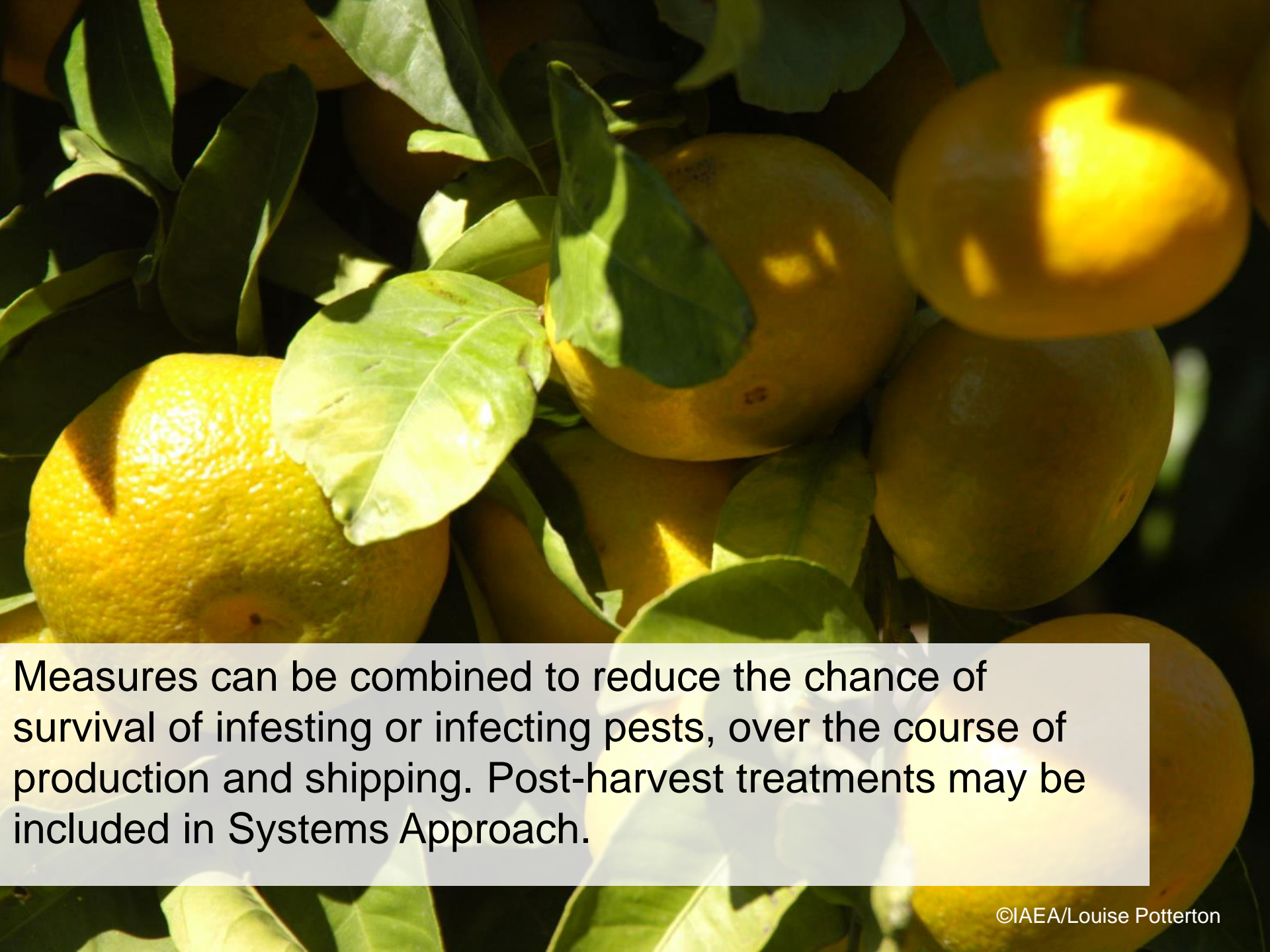
A combination of phytosanitary measures for pest risk management is called Systems Approach, as described in ISPM 14.





International trade using Systems Approach has been going on for decades. Measures can be added to reduce the pest population in the area before planting or during production, before the host is vulnerable. Localized control methods or larger area control (e.g. Pest Free Areas) may be used to lower the pest challenge.





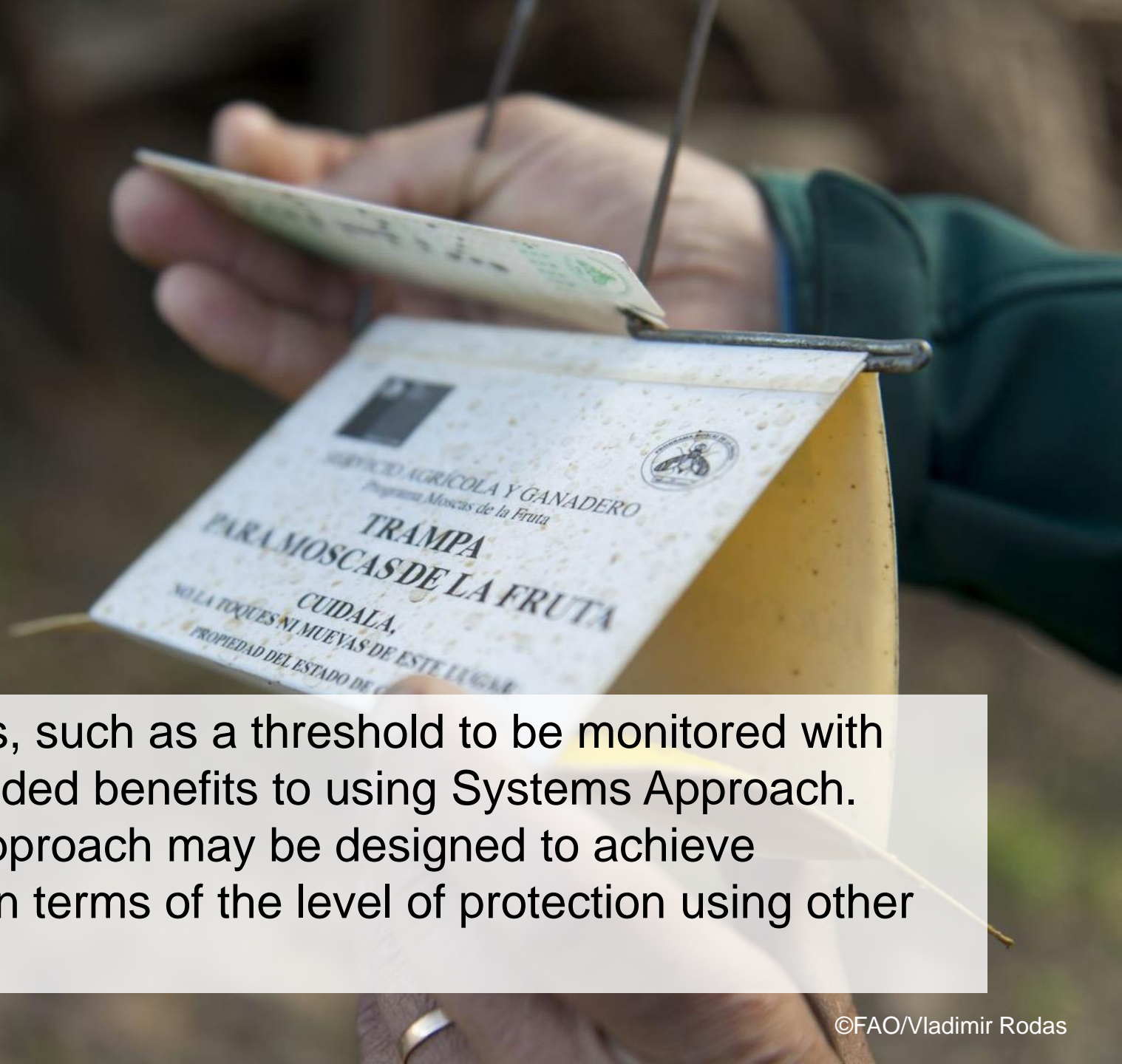
Measures can be combined to reduce the chance of survival of infesting or infecting pests, over the course of production and shipping. Post-harvest treatments may be included in Systems Approach.





Host plants can be made less vulnerable by choosing resistant varieties or harvesting before maturity, to discourage infestation.





Control points, such as a threshold to be monitored with traps, give added benefits to using Systems Approach. A Systems Approach may be designed to achieve equivalence in terms of the level of protection using other measures.



With traceability in place, Systems Approach can be designed to allow trade to continue for those meeting requirements while stopping production sites or packing houses where improvements are needed.





Decision support tools encourage critical thinking so that a Systems Approach plan can be designed or evaluated with more confidence.