



CASA - SCAR NATIONAL MEETING:
10-11 May 2017 at INIA, Madrid, Spain

Tecia solanivora from a local to a
National/European problem



Gloria Lobo
Researcher ICIA





**11 million
tourists per
year**

**↑ Demand of
local cultivars**

**Culinary
creations**





SCAR-CASA



BOE nº 115, of 14.05.11
published the specifications of
the Protected Designation of
Origin (PDO)
"Papas Antiguas de Canarias"

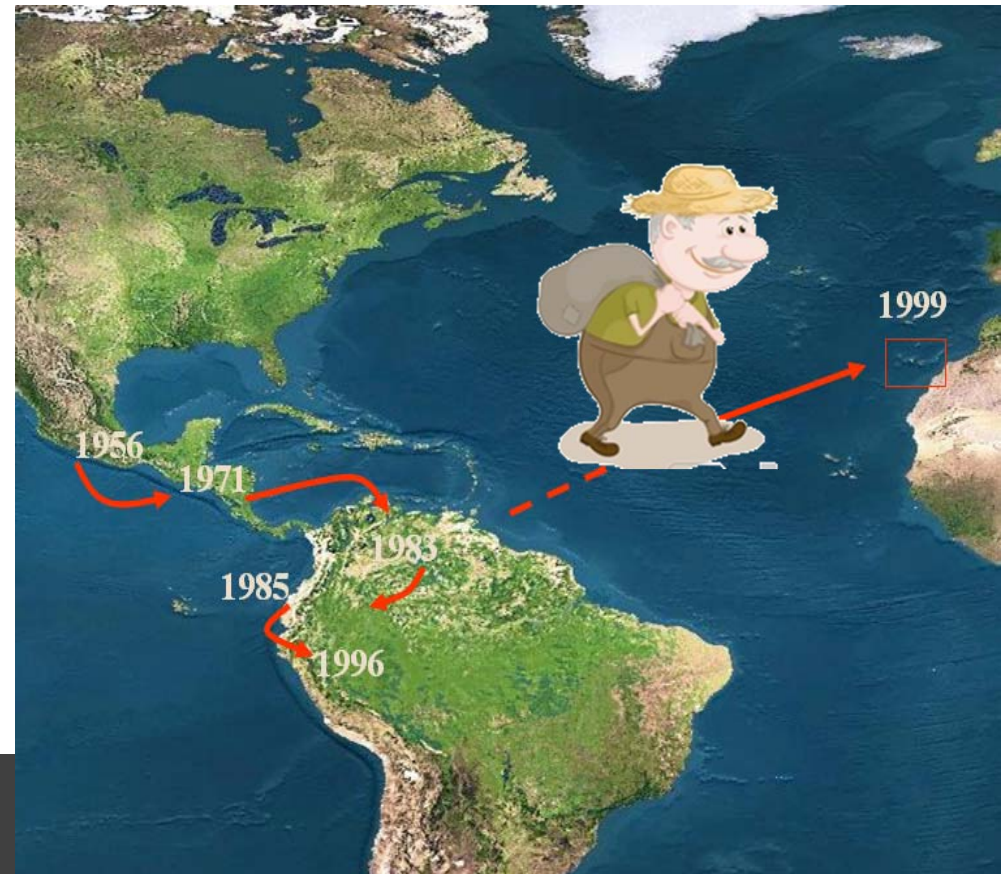
- First PDO in Spain for potatoes and the second obtained in Europe for agri-food products with differentiated quality
- 29 varieties genetically unique grown since the 16th century in the Canary Islands





SCAR-CASA

Quarantine organism
regarded as one of the insect
pests responsible for the major
economic losses during potato
cultivation and storage in
Central America



- 1956 Guatemala
- 1971 Costa Rica
- 1973 Panamá, Honduras y San Salvador
- 1983 Venezuela
- 1985 Colombia
- 1996 Ecuador
- 1999 Canary Islands (Spain)**
- 2015 Galicia**
- 2016 Asturias**



Quarantine organism

BOC 131, 4.10.2002

The existence of the pest is officially declared

BOC 153, 18.11.2002

The Canarian Government wants the farmer to collect potatoes to prevent the spread of the insect



QUARANTINE

POTATO EXPORT IS PROHIBITED BETWEEN ISLANDS, MAINLAND AND EUROPE

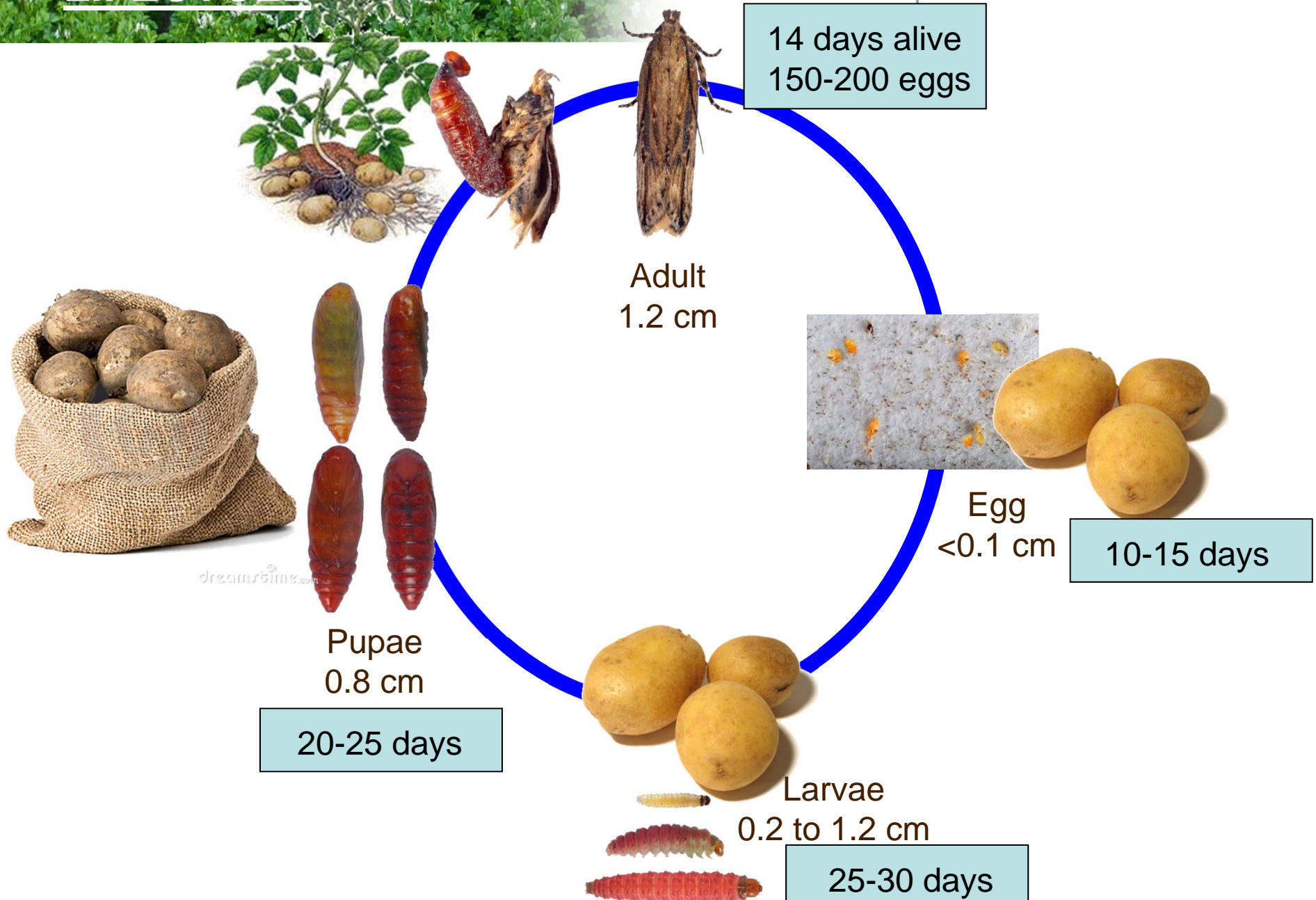
***Tecia solanivora* Povolny**
(Guatemalan moth)

Annex II, Part A of
production and spread
states, if present in
as amendments to RD
such protective
against the
the country and the
European organisms harmful to
plants or plant products, as well as for export and
transit to third countries



LIFECYCLE

SCAR-CASA





SCAR-CASA

50-80% Losses in the field



+ 20% Losses in packing house



+10% Losses during marketing



**Farmers
leave crop
production**

Loss of genetic legacy (Biodiversity)

Increase pest dissemination

Loss of economic resources

+10% Household losses



SCAR-CASA





SCAR-CASA

Tectia solanivora

Crop
management

Healthy seeds **RTA 2011**
Biological control (IPM) **RTA 2015**
Cultural practices

Postharvest
management

Quarantine treatment **RTA 2011**

Validation of the developed quarantine treatment **RD 197/2017, 3 March**
Creation of a European platform to share IPM strategies



CASA - SCAR NATIONAL MEETING:
10-11 May 2017 at INIA, Madrid, Spain

Tecia solanivora from a local to a
National/European problem

Thank you!



Gloria Lobo

Researcher ICIA
globo@icia.es

