



**Oregon State
University**

MANEJO INTEGRADO DE PLAGAS EN EL CULTIVO DE PAPA UTILIZANDO CIENCIA BASICA Y APLICADA

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Professor
Extension Entomologist Specialist



**Oregon State
University**

About Academics Research Outreach Athletics OSU150



<https://oregonstate.edu/>

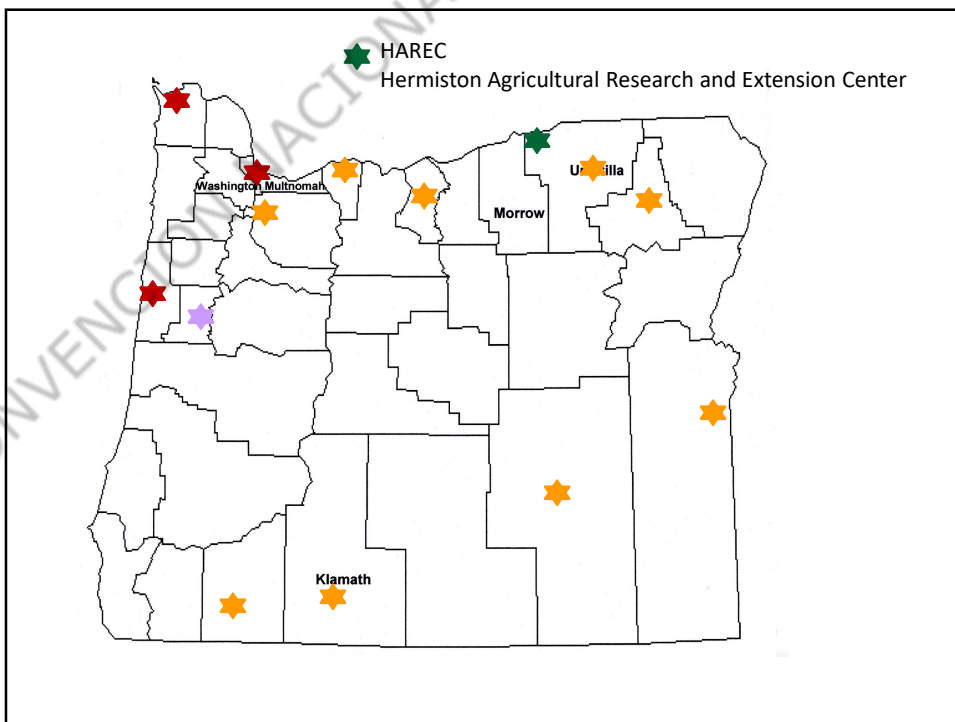
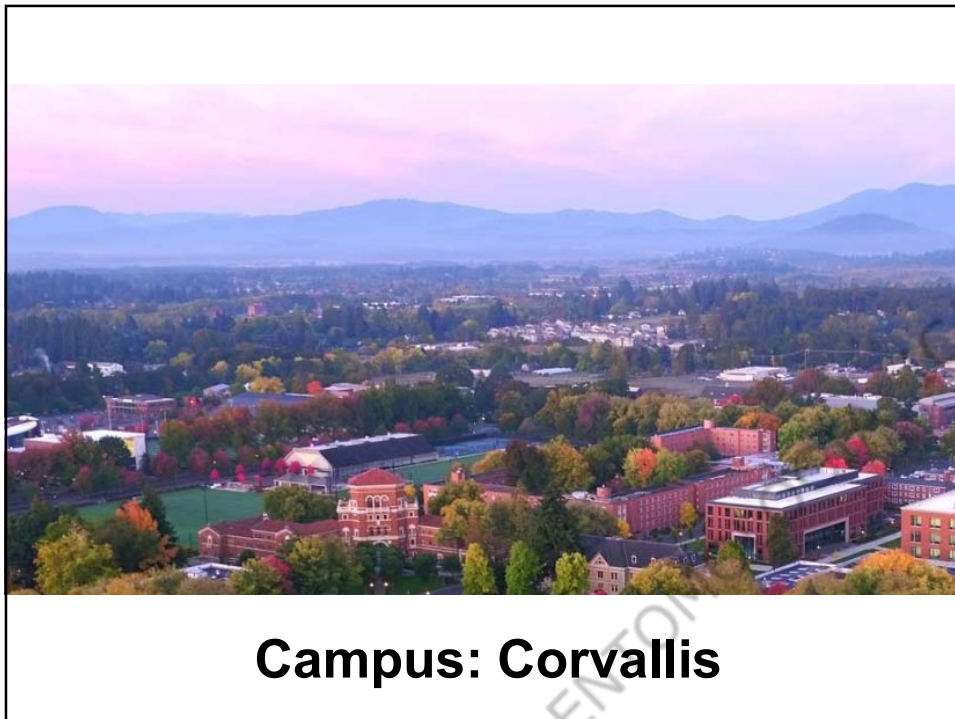
Oregon State University COLLEGE OF AGRICULTURAL SCIENCES Crop and Soil Science

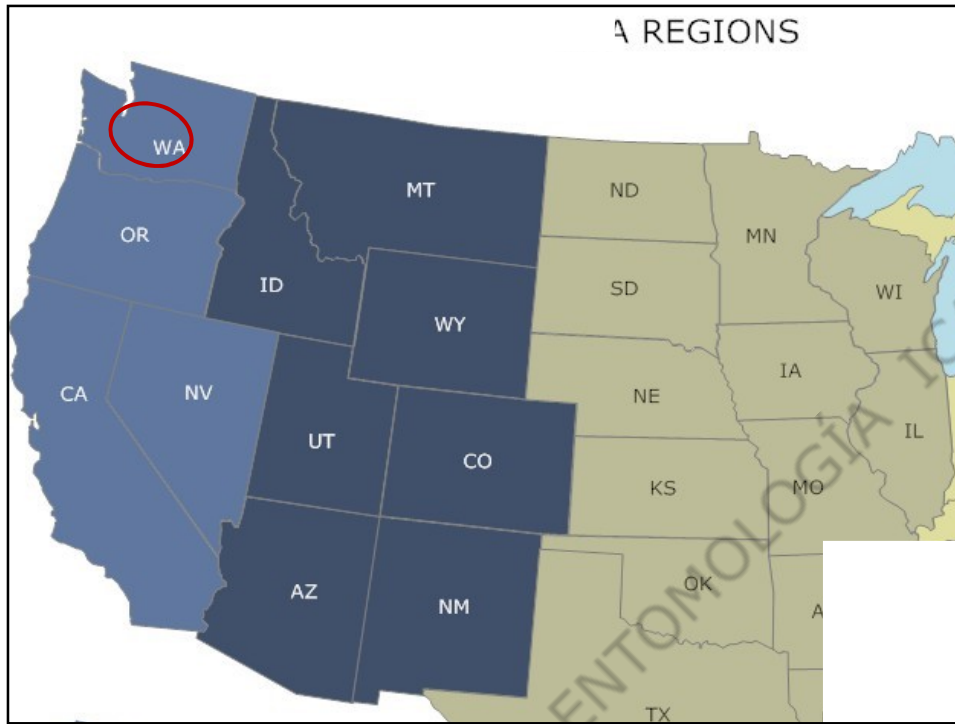
UNDERGRADUATE GRADUATE RESEARCH & EXTENSION SERVICES PEOPLE ABOUT EMPLOYEE RESOURCES

SEED THE WORLD SMALL FARMS GROW BETTER CROPS SOIL HEALTH

<https://cropandsoil.oregonstate.edu/>

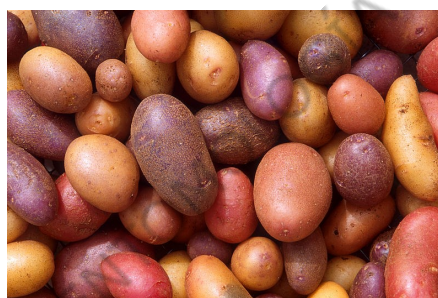


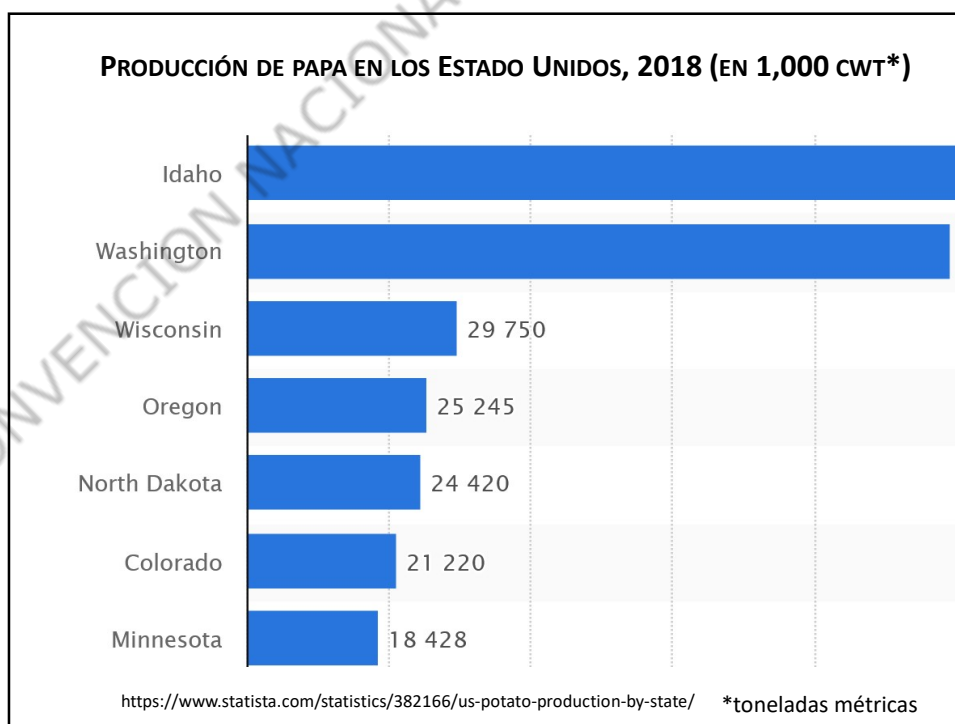


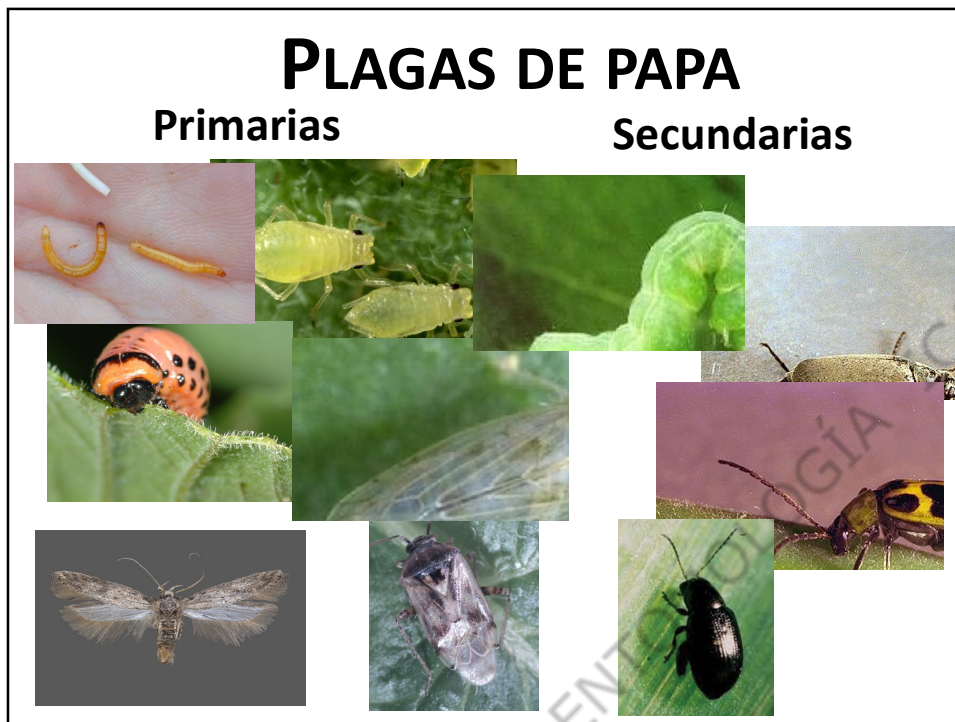


Factores abióticos:

- **Marzo-
Setiembre**
- **Días calurosos;
noche frías**
- **Agua**





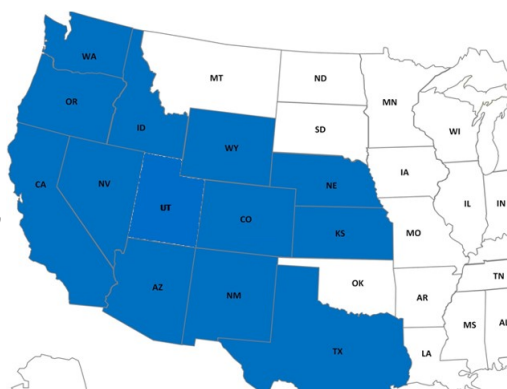






BREVE HISTORIA DE LA ENFERMEDAD

- Origen: Mexico (Saltillo), 1994
- USA: Texas, 2000
- NM, NV, AZ, CA, NE, CO, UT, KS, WY, WA, OR, Mexico, y América Central
- Nueva Zelandia y Australia



<http://oregonstate.edu/dept/hermiston/trap-reports>

OSU Oregon State UNIVERSITY | OSU Extension | Donate | College of Agricultural Sciences

Hermiston Agricultural Research

Research | Calendars | Employee Resources | Statewide

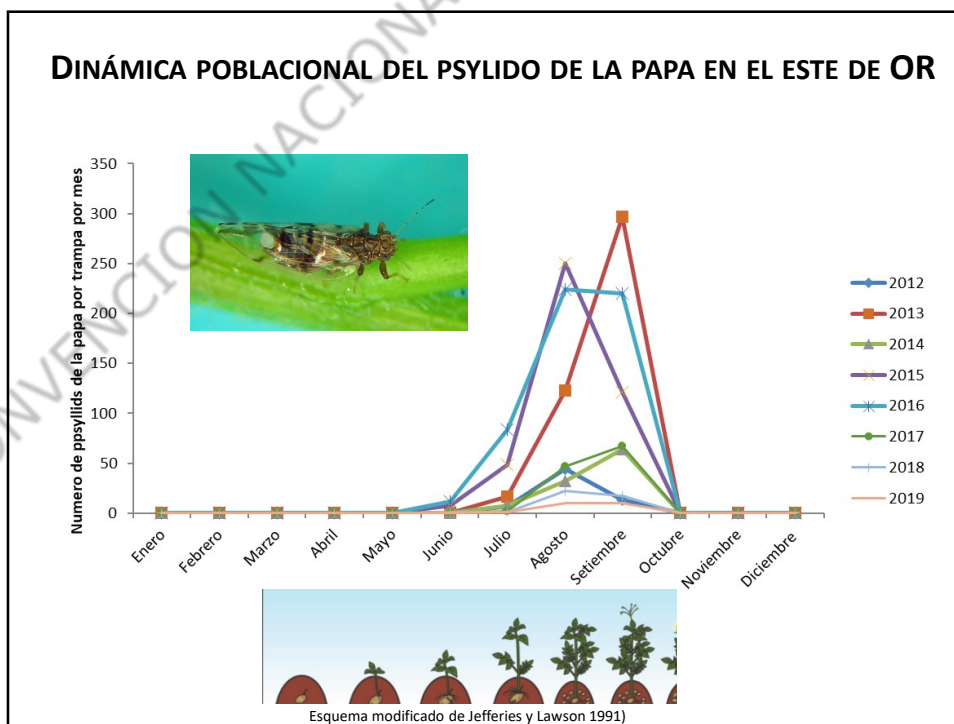
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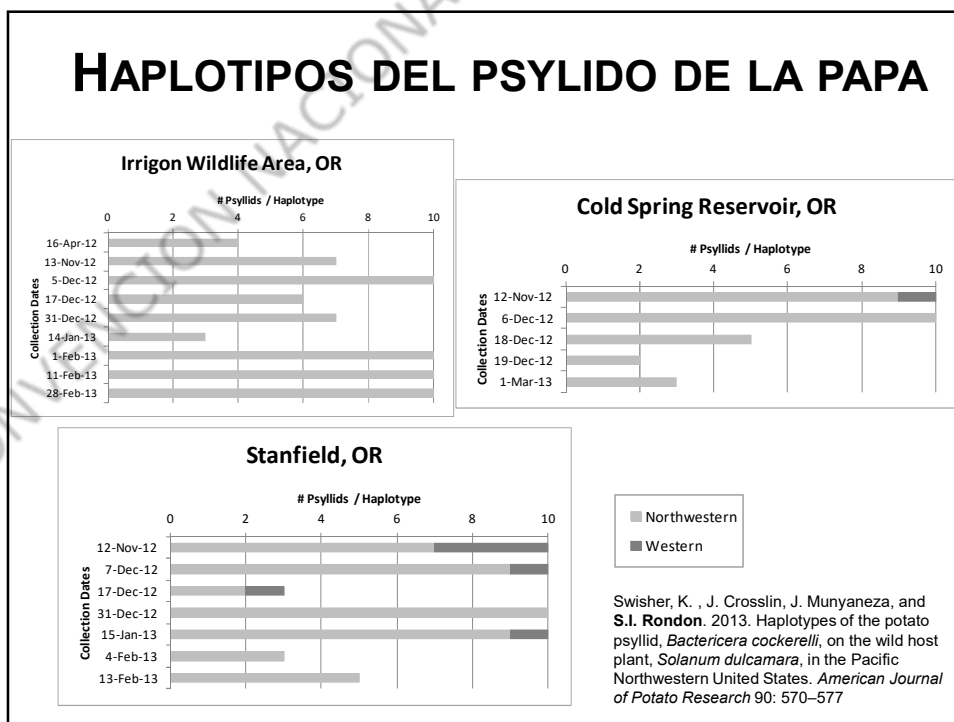
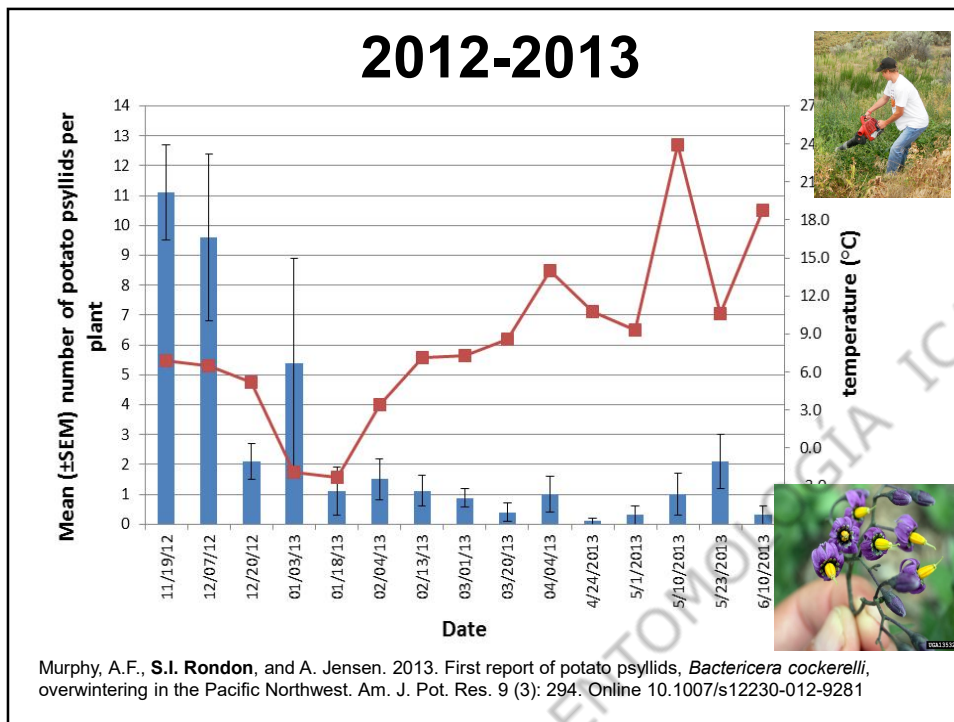
Pest Alert - Trap Reports

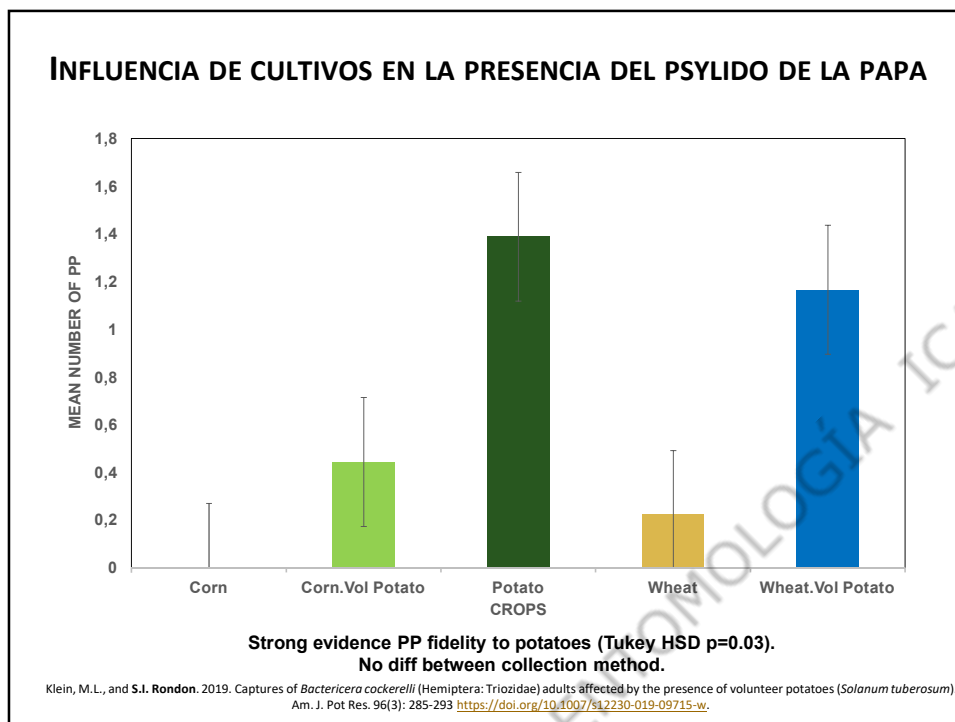
The Potato Update is an area pest alert report serving Umatilla & Morrow counties, our outlet for information on potato pest issues. We will continue striving to ensure that we provide our clients with the most objective, science-based information possible. If you would like to receive a weekly email of the report during the growing season, please contact Silvia Rondon. Our reports will go out Friday afternoon or Monday morning.

▶ Potato Updates - Current

Green peach aphid wingless







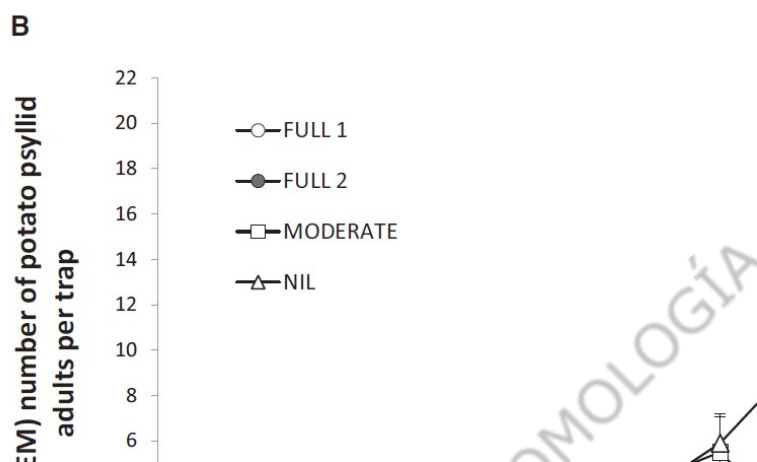
Producto	Huevos	Ninfas	Adultos	Producto	Huevos	Ninfas	Adultos
Pyrethroids		X	X	Sivanto		X	X
Platinum		X	X	Torac		X	
Cruiser		X	X	Assail	X	X	
Belay		X	X	Lannate			
Admire Pro		X	X	Vydate	X		
Radiant		X		Movento	X	X	
Agri-Mek	X	X	X				
Fulfill		X	X				
Beleaf		X	X				
Rimon	X	X					
Oberon	X	X					

OSU-HAREC-IAEP (Rondon's program)

Recomendación general: controle los primeros psylidos migratorios. No los deje establecer!

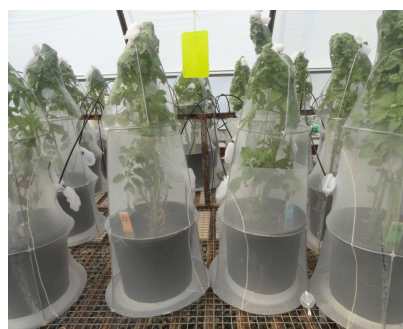
https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/pnw633_2.pdf

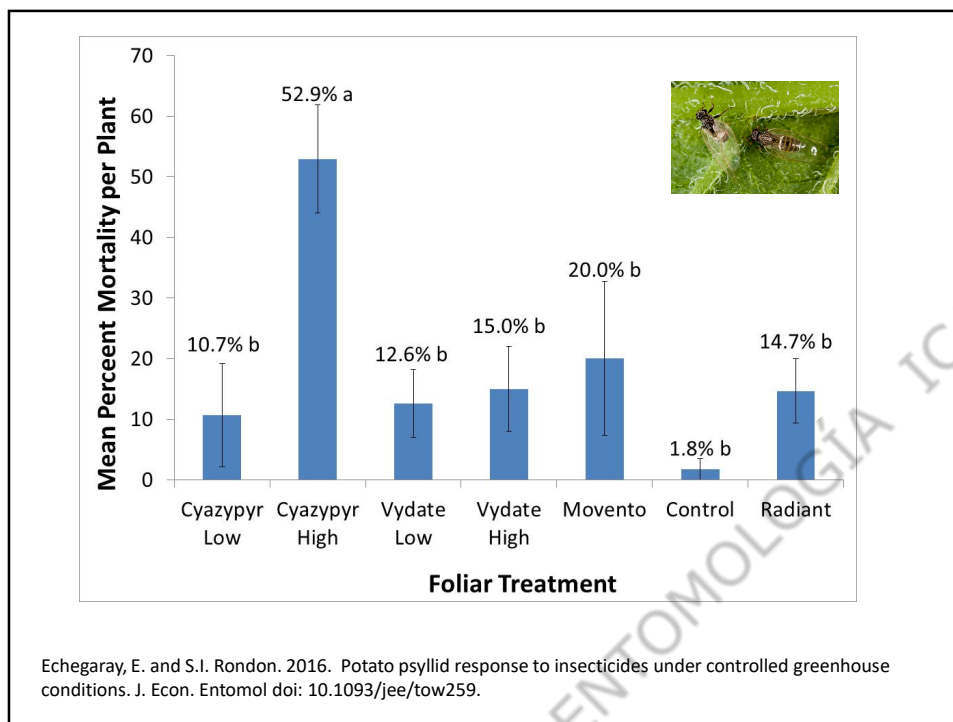
FLUCTUACIÓN POBLACIONAL ± SEM DEL PSYLIDO DE LA PAPA, HERMISTON, OR



Echegaray, E. and S.I. Rondon, 2017. Incidence of *Bactericera cockerelli* under different pesticide regimes in the lower Columbia Basin. J. Econ. Entomol. 10.1093/jee/tox135

- Evaluar eficacia y residualidad
- Evaluación de mortalidad: 1, 3, y 7 d despues de exponer insectos a los pesticidas.
- Plantas fueron infestadas con insectos 0, 3, y 7 dias despues del tratamiento.





COMENTARIO FINAL

- **Potato psyllids son parte de nuestro sistema y hay que adaptarnos a ellos**
- **Más información es necesaria**
- **Métodos alternativos de control**





LXI CONVENCION NACIONAL DE ENTOMOLOGIA 2019