

Colorado State University
Bioagricultural Sciences & Pest Management

Plant Science Building – Room C-129

Fort Collins, Colorado 80523-1177

Phone: 970-491-5261 Fax: 970-491-3862

Dr. Lou Bjostad, Interim Department Head, Lou.Bjostad@ColoState.edu

Extension Specialist Profiles

Beck, George

George.Beck@ColoState.edu

(970) 491-7568

Weed Lab 116

66% Extension in Weed Science

- pasture/Range & non-crop noxious weed management; noxious weed impacts; noxious weed ecology

- involved in noxious weed legislation & policy development
- alfalfa extension education

Key Words: rangeland weed management, rangeland weed ecology, noxious weeds, non-crop weeds, invasive weeds

Cranshaw, Whitney

Whitney.Cranshaw@ColoState.edu

(970) 491-6781

C-201 Plant Science

50% Extension in Entomology

- Insect and mite pests of vegetables
- Insects and mites of trees, shrubs & ornamentals
- Insect management of organic crops

- Household insects
- Insect identification
- 4-H entomology

Key Words: vegetables, shade trees, shrubs, turfgrass, flowers, onion thrips, potato/tomato psyllid, flea beetles, organic pest management, IPM, household insects, biological control, chemical control, 4-H

Nissen, Scott

Scott.Nissen@ColoState.edu

(970) 491-3489

Weed Lab 115

38% Extension in Weed Science

- weed control, herbicide injury in dry beans, onions, potatoes, and sugarbeets

- weed seedling identification

Key Words: weed control in dry bean, onion, potato and sugarbeet; herbicide behavior in plant

Peairs, Frank

Frank.Peairs@ColoState.edu

(970) 491-5945

102 Insectary

58% Extension in Entomology

- insect and mite pests of field crops
- grasshoppers in pasture/range
- Russian wheat aphid

- brown wheat mite
- wheat stem sawfly
- corn spider mites

Key Words: alfalfa, barley, corn, dry bean, millet, sorghum, sunflower, wheat, alfalfa weevil, blister beetles, Banks grass mite, brown wheat mite, European corn borer, western bean cutworm, corn rootworm, Russian wheat aphid, wheat stem sawfly, IPM, insect resistant crops, household insects, grasshoppers, dryland cropping systems.

Stewart, Jane

Jane.Stewart@ColoState.edu

(970) 491-8770

C-034 Plant Science

10% Extension in Forest & Shade Tree Health

- Spatial occurrence of forest diseases, insects and relationship to environmental factors
- Environmental effects on trees and related diseases and insects
- Tree pathology research, teaching and extension
- Interactions of insects and plant pathogens
- Exotic pathogen and insect management

Key Words: root diseases, cankers, MgCl₂, white pine blister rust, exotic insects and diseases, meteorological conditions, shade trees, forests

Walker, Thia

(970) 491-6027

Thia.Walker@ColoState.edu

C-213 Plant Science

cepep@ColoState.edu

100% Extension

- program coordinator for extension & environmental pesticide education
- pesticide safety
- pesticide use in Colorado
- pesticide guides

Key Words: Pesticide Safety Education Program (PSEC), Worker Safety Protection, Minor Use Pesticides, Certified Crop Advisor (CCA), pest management

Westra, Philip

(970) 491-5219

Philip.Westra@ColoState.edu

Weed Lab 112

50% Extension in Weed Science

- weed management in corn, millet, barley, wheat, sorghum, sunflower
- herbicide injury of corn, barley, wheat, sorghum, sunflower
- bioeconomic modeling of weeds in corn
- field bindweed & Canada thistle control in row crops
- herbicide resistant weeds

Key Words: weed management, herbicide injury, field bindweed, Canada thistle, GPS, herbicide resistant weeds, bioeconomic modeling

Key Words and Extension Specialist Expertise

Alfalfa insects	Frank Peairs	Mites (corn & wheat).....	Frank Peairs
Aphids.....	Frank Peairs	Non-crop weeds.....	George Beck
Barley insects.....	Frank Peairs	Noxious weeds.....	George Beck
Bioeconomic modeling.....	Philip Westra	Onion diseases	
Biological control.....	Frank Peairs	Onion insects	Whitney Cranshaw
Biological control of insects.....	Whitney Cranshaw	Onion weeds	Scott Nissen
Bugs in house.....	Cranshaw, Peairs	Ornamental diseases.....	
Canada thistle.....	Philip Westra	Ornamental Insects.....	Whitney Cranshaw
Certified Crop Advisor (CCA).....	Thia Walker	Pesticide Applicator Training.....	Thia Walker
Corn diseases		Pesticide Impact Assessment.....	Thia Walker
Corn insects (e.g., rootworm)	Frank Peairs	Plant health diagnostics.....	Ned Tisserat
Corn weeds.....	Phil Westra	Pollinator protection insects	Thia Walker
Digital Image Resources.....		Potato diseases	
Disease forecasting (COAGMET).....		Potato insects	Whitney Cranshaw
Dry bean diseases.....		Potato weeds	Scott Nissen
Dry bean insects.....	Frank Peairs	Rangeland weed ecology/mgmt	George Beck
Dry bean weeds.....	Scott Nissen	Resistant crops - insects	Frank Peairs
Dryland cropping systems.....	Frank Peairs	Russian wheat aphid	Frank Peairs
European corn borer	Frank Peairs	Sugarbeet weeds.....	Scott Nissen
Field bindweed.....	Philip Westra	Forest & shade tree diseases	Jane Stewart
GPS/GIS - weeds.....	Philip Westra	School & Community IPM.....	
GPS/GIS – diseases		Sunflower insects	Frank Peairs
Grasshoppers	Cranshaw, Peairs	Urban (turf) plant diseases	
Herbicide behavior in plants.....	Scott Nissen	Urban insects.....	Whitney Cranshaw
Herbicide injury.....	Philip Westra	Vegetable diseases.....	
Herbicide resistant weeds.....	Philip Westra	Vegetable insects.....	Whitney Cranshaw
Insect identification	Whitney Cranshaw	Vegetable weeds.....	Scott Nissen
Insecticides	Cranshaw, Peairs	Weed management.....	Philip Westra
International agriculture	All Specialists	Western bean cutworm	Frank Peairs
Invasive weeds.....	George Beck	Wheat diseases	
IPM	All Specialists	Wheat insects.....	Frank Peairs
IR-4		Wheat weeds.....	Phil Westra
Minor Use Pesticides.....	Scott Nissen	Worker safety protection.....	Thia Walker