

February 6-8  
Ski Hi Park & Vali Theater  
Monte Vista, Colorado



# 2018 Southern Rocky Mountain Agricultural Conference and Trade Fair



Conference Sponsored By:

**COLORADO STATE UNIVERSITY  
EXTENSION**

Trade Fair Sponsored By:

**MONTE VISTA CHAMBER OF COMMERCE**

*Colorado State University, United States Department of Agriculture and Alamosa, Conejos, Costilla, Mineral, Rio Grande, and Saguache Counties cooperating. CSU Extension programs are available to all without discrimination.*

*Names of products and equipment occasionally will be used; No endorsement of products named is intended nor is criticism implied of products not mentioned.*

*Agenda may change, Contact the SLV Area Extension for any changes. 719-852-7381*

# 2018 Southern Rocky Mountain Agricultural

The Southern Rocky Mountain Ag Conference and Trade Fair has a three day format. The cost for the Conference is listed below, but pre-registration for the event is encouraged.

This Conference provides information for sustainable and profitable production and management strategies for potato growers, small grain, forage growers and livestock producers of the San Luis Valley. This Conference strives to provide growers the latest local and regional research information available for growers to not only improve their operations, but to become more successful. Some programs report on research supported by your CPAC funds.

CSU Extension strives to present an upbeat conference with pertinent information to help growers reduce production costs or reduce per unit costs by increasing yields and quality. We thank Extension Advisory Committee members, CPAC, Monte Vista Chamber Ag Committee and YOUR evaluations for identifying issues that are important to your operation. The audience is invited to ask questions, make comments to the speakers, or provide comments on the evaluation forms. This Conference has been an annual event for 37 years.

## Conference Registration Information: (Please check-in at Registration Table each day.)

- Registration for one day is \$25 and all three days is \$50. Spouse fee is \$30 for all 3 days or \$10/day.
- We encourage you to use the registration form to pre-register by mail.
- Registration per individual does not include farming partners.
- Please check in at the Registration desk each day. Your name tag, depending on your registration status, is your "Lunch Ticket".
- Check-in begins at Breakfast, 7 a.m. each day. Sessions begin promptly at 8 am each day.
- Breakfast, lunches, refreshments and socials are included in the registration fee.
- Door prizes are drawn daily from filled out evaluations of that days sessions.



### *Paying with a Credit Card*

Go to [www.coloradopotato.org/agconference](http://www.coloradopotato.org/agconference), then the Pay Pal link. You will then be directed to a secure Pay Pal registration payment option.

Be sure you list your spouse if she/he is planning on attending and mark the day(s) of attendance.

Trade Fair sponsored by Monte Vista Chamber of Commerce, 719-852-2731 or 1-800-562-7085.

## THANK YOU

### ***Conference Sponsors with Abbreviations***

Colorado State University Extension (CSU Ext)

Monte Vista Chamber of Commerce – Ag Business Committee

### ***Special Thanks for Support:***

Monte Vista CO-OP (Setup, Forklift, Chairs, Tables, etc.)

SLV Research Center — SLVRC (Setup)

**Farm Credit of Southern Colorado** — Setup and Keynote Speaker

Send registration & fees

made payable to:

SLV Area Extension

P O Box 30

Monte Vista, CO 81144

Telephone (719) 852-7381

FAX (719) 852-7385

E-Mail: [Maxine.Lujan@ColoState.edu](mailto:Maxine.Lujan@ColoState.edu)

# Potato Management Seminar

Tuesday, February 6

**Some classes are held at Ski Hi Park and others at Vali III Theater**

**7:00 BREAKFAST—** *Sponsored by: **Monte Vista CO-OP***

**8:00 Welcome/Opening Comments,** *Tyler Thompson, Extension Specialist, San Luis Valley Research Center, Center, CO*

**8:05 CSU Department of Horticulture and Landscape Architecture Update,** *Dr. Jessica Davis, Professor, Department Head, Horticulture and Landscape and Agriculture, CSU*

**8:20 National Potato Council Update on Policy Issues,** *John Keeling, Executive Vice President, National Potato Council*

**8:50 Nightshade, Foxtail and Other Weed Issues in Potato Production,** *Pamela Hutchinson, Potato Cropping Systems Weed Scientist, University of Idaho, Aberdeen R&E Center*

**9:20 New Approaches to Developing Potato Cultivars,** *Dr. David Holm, Professor, Horticulture and Landscape Architecture, CSU/SLVRC, Center, CO*

**9:50 Managing Nitrogen with Economic Implications in Early and Late Colorado Russet Potatoes,** *Dr. Samuel Essah, Associate Professor, Horticulture and LA, Extension Specialist and Physiologist; CSU/SLVRC, Center, CO*

**Concurrent Sessions (See Next Page):**

**10:20 Refreshment Break (Trade Fair)** *Sponsored by: **US Tractor & Harvest***

**10:35 Bus to Vali Theatre (See Next page for agenda)** *Jerry Clare, driver, Bus provided by City of Monte Vista*

**10:40 Primus vs Global Gap,** *Kay Harmon, Owner, Ag Check Compliance Services*

**10:50 How to Reduce Shrinkage in a Potato Storage Facility,** *Dr. Sastry Jayanty, Associate Professor, Extension Specialist, Post-Harvest Physiologist, Horticulture and LA, CSU/SLVRC, Center, CO.*

**11:15 The Economic impacts of PVY, Implications for Seed Certification and Commercial Production,** *Christopher McIntosh, Professor, University of Idaho*

**11:45 Overview of the Frozen Potato Market,** *Dale Lathim, Executive Director, Washington Potato Growers for United Potato Growers of Colorado*

**12:15 LUNCH And VISIT TRADE FAIR** *Sponsored by: **Frontier Bank** At Ski Hi Park*

**1:45 Vendor Presentation**

**1:55 Mustard Bio fumigation in a Vegetable Rotation System,** *Mark Uchanski, Assistant Professor, Horticulture and Landscape Architecture, CSU*

**2:25 Plant Parasitic Nematode Control Using their Natural Microbial Antagonists and Free-living Nematode Competitors,** *Daniel Manter, Plant Pathologist, USDA-ARS*

**3:15 Refreshment Break (Trade Fair)**

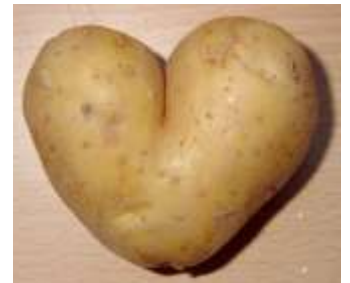
**3:35 2017 Post Harvest Test update and Dickeya Survey Update,** *Andrew Houser, Manager, (Potato Certification), Horticulture and LA, CSU/SLVRC, Center, CO*

**4:05 Potato Market Trends and Update,** *John Toaspern, Chief Marketing Officer, Potatoes, USA*

**4:50 Interactions Between Potato Cropping Systems, Soil Health and Microbial Structure,** *Dr. Courtney Jahn and Dr. Jane Stewart, Assistant Professors, Bio agricultural Sciences and Pest Management, CSU*

**5:20 Vendor Presentation**

**5:30 SOCIAL HOUR:** *Sponsored by: **Sunflower Bank***



# Livestock Management Seminar

Tuesday, February 6

Some classes are held at Ski Hi Park and others at

## **Vali III Theater Agenda**

### **Concurrent Sessions:**

10:35 Bus to Vali Theatre

10:45 Value Added Cattle Marketing, *Ralph Hinton, Feedlot Customer Verification Specialist, IMI Global*

11:35 How Rangeland Monitoring Helped Our Ranch, *Tim Canterbury, Rancher, Canterbury Ranch*

12:05 Bus back to Ski Hi Park

12:10 LUNCH And VISIT TRADE FAIR Sponsored by: **Frontier Bank** At Ski Hi Park

1:30 Bus to Vali Theatre

1:40 Nutrition at Calving and It's Impacts on Rebreeding, *Eric McPhail, County Director, Gunnison County Extension, CSU*

2:10 SLV Calving School, *Tyler Ratzlaff and Curtis Crawford, Veterinarians, Alpine Veterinary Clinic*

2:45 Bus back to Ski Hi Park



# Potato/Small Grains/Alfalfa/Soil Health

Wednesday, February 7

**Some classes are held at Ski Hi Park and others at Vali III Theater**

**7:00 BREAKFAST** *Sponsored by: **Ciello/SLV Rural Electric CO-OP***

**8:00 Welcome, Tyler Thompson, Extension Specialist, San Luis Valley Research Center, Center, CO**

**8:05 Fertilizer options for Organic Production, Bill Crowder, Agronomist, Agro Engineering, Alamosa, CO**

**8:20 Bus transportation to Vali Theater (See next page for agenda), Jerry Clare, driver, Bus provided by City of Monte Vista**

**8:30 Bio-fungicides in organic and Conventional Potato Production, Steven McKechnie, Agronomist, Agro Engineering, Alamosa, CO**

**9:00 Management Guidelines for Blackleg and Tuber Soft Rot in the San Luis Valley, Andrew Houser, Manager, (Potato Certification), Horticulture and LA, CSU/SLVRC, Center, CO**

**9:30 Silver Scurf and Black Dot, Franz Lichtner, Graduate Research Associate, Department of Bio-agriculture and Pest Management, CSU**

**10:00 Vendor Presentation**

**10:10 Refreshment Break (Trade Fair) *Sponsored by: **Valley Wide Welding*****

**Concurrent sessions (See Next Page)**

**10:20 Bus transportation to Vali Theater**

**10:30 UAV and Ground Based Remote Sensing Technologies, Kendall DeJonge, Agricultural Engineer, ARS, Fort Collins**

**11:10 Regenerating the Diversity of Life in Soils—Hope for Farming and Climate, Dr. David Johnson, Microbial Biologist, New Mexico State University**

**12:10 LUNCH And VISIT TRADE FAIR *Sponsored by: **Farm Credit of Southern Colorado*****

**1:30 Guest Speaker— The Magic of Communication, Joshua Lozoff—*Magician and Entertainer***

**Guest Speaker Sponsored by: **Farm Credit of Southern Colorado****

**2:30 Refreshment Break (Trade Fair)**

**2:50 Vendor Presentation**

**3:00 Alfalfa Weed Control, and Herbicide Resistance, John Spring, Area Extension Agent, Agronomy/Weed Science, Golden Plains Area, Sedgewick, CO**

**3:30 Ecology and Epidemiology of Ergot Infecting Barley, Kirk Broders, Assistant Professor, Bio-agriculture Sciences and Pest Management, CSU**

**4:00 Recent Past Weather and a Look Ahead, Nolan Doesken, Climatologist, Colorado Water Institute, CSU**

**4:35 Denver Food Hub/Blueprint for Ag and It's Impact on the San Luis Valley, Dr. Becca Jablonski, Assistant Professor and Dawn Thilmann, Professor, Agricultural and Resource Economics, CSU**

**5:25 Vendor Presentation**

**5:35 SOCIAL HOUR: *Sponsored by: **SLV Federal Bank*****



# Hemp Production & Marketing

Wednesday, February 7

## Vali III Theater Agenda

**7:00 BREAKFAST** *Sponsored by: **Ciello/SLV Rural Electric CO-OP***

**8:20** Bus transportation to Vali Theater

**8:30** Hemp History and Contemporary Market Opportunities, *Dr. Rich Fletcher, Director of Breeding, New West Genetics*

**9:10** Rules, Regulations, Seed Availability, Seed Classification, *Duane Sinning, Seed Coordinator, Colorado Department of Agriculture*

**10:00** Refreshment Break (**at theater**) *Sponsored by: **Mystic Biscuit, Del Norte, CO***

**10:10** Growing Hemp, Soils, Fertilization, Variety Selection and their Challenges, *Marvin Reynolds, Director, CSU Extension, San Luis Valley Area*

**10:50** Grower/Processor Panel on Growing, Harvesting and Marketing Hemp, *Shannon Wright and Dion Oakes, Owners, Wright-Oakes Farms, Corbet Heffner, General Manager, Power Zone Equipment, Matt Birkholz, Owner, Colorado Hemp Works, Monte Robertson, Owner, San Luis Valley Hemp Co.*

**11:45** Vali Theatre group bus back to Ski Hi Park

**11:55 LUNCH And VISIT TRADE FAIR** *Sponsored by: **Farm Credit of Southern Colorado***

Program may finish early



# SLV WATER MANAGEMENT

**Thursday, February 8**

**7:00 BREAKFAST** Sponsored by: **Rio Grande Savings & Loan**

**8:00 Opening Comments, Marvin Reynolds, Director, CSU Extension, San Luis Valley Area**

**8:05 Rio Grande Water Conservation District Update and Update on the SLV Doppler Radar Program, Cleave Simpson, Executive Director, Rio Grande Conservation District**

**9:05 Water 2018, The Good, The Bad and the Ugly, Pat McDermott, Division 3 Staff Engineer, Colorado Division of Water Resources**

**9:55 Vendor Presentation**

**10:05 Refreshment Break (Trade Fair)**

**10:25 Nozzle Consideration in Sprinkler Irrigation, Michael Curtis, Engineer, Agro Engineering, Alamosa, CO**

**10:55 RGHRP: Partnering with Irrigators to Restore the Rio Grande, Emma Reesor, Executive Director, Rio Grande Headwater Restoration Project**

**11:25 Challenges of Weather Forecasting in South Central Colorado, Jennifer Stark, Meteorologist, National Weather Service, Pueblo, CO**

**12:00 LUNCH AND VISIT TRADE FAIR** Sponsored by: **First Southwest Bank**

**1:00 Seven Core Credits of Pesticide Applicators, Don Henderson, Owner, DP Ag Products**

Sponsored by: **Mosca-Hooper Conservation District**

**Thank You for Coming! Have a safe trip - see you next year!**

## **2018 Sponsors:**

### **Break Sponsors:**

Mystic Biscuit

US Tractor & Harvest Inc.

Valley Wide Welding

### **Meal & Social Hour Sponsors:**

Farm Credit of Southern Colorado

First Southwest Bank

Frontier Bank

Monte Vista Cooperative

Rio Grande Savings & Loan

San Luis Valley Federal Bank

Ciello/San Luis Valley Rural Electric

Sunflower Bank

### **Other Contributors:**

Adolph Coors Company

City of Monte Vista

Colorado Potato Administrative Committee

Colorado Work Force Center

MDS Waste & Recycle

Monte Vista Parks & Recreation

Waste Management



# CONFERENCE REGISTRATION

**Feb 6-8, 2018**

**NAME**

**ADDRESS**

Please complete to be added to Extension mailing list

**E-MAIL ADDRESS**

**Make Checks to: SLV Area Extension**

**Mail to:**  
**Southern Rocky Mtn. Ag Conference**  
**c/o SLV Area Extension**  
**P O Box 30, Monte Vista, CO 81144**  
**Phone: 719-852-7381 FAX 719-852-7385**

**COST CALCULATIONS:**

Please register each person (x) for specific days; Entire Conference \$50 or One day \$25. Spouse is \$30 Entire Conference or \$10/day. Please indicate which days you will attend. Thank you!

<u>Name</u>	<u>Spouse Name</u>
	<u>Spouse(\$30 or \$10/day)</u>
Tuesday, Feb. 6th	( ) ( )
Wednesday, Feb. 7th	( ) ( )
Thursday, Feb. 8th	( ) ( )
Total \$ _____	Total \$ _____

<u>Name</u>	<u>Name</u>
Tuesday, Feb. 6th	( ) ( )
Wednesday, Feb. 7th	( ) ( )
Thursday, Feb. 8th	( ) ( )
Total \$ _____	Total \$ _____

Total Fee included with this form  
 \$ \_\_\_\_\_

Check No. \_\_\_\_\_ Cash

**General Information**

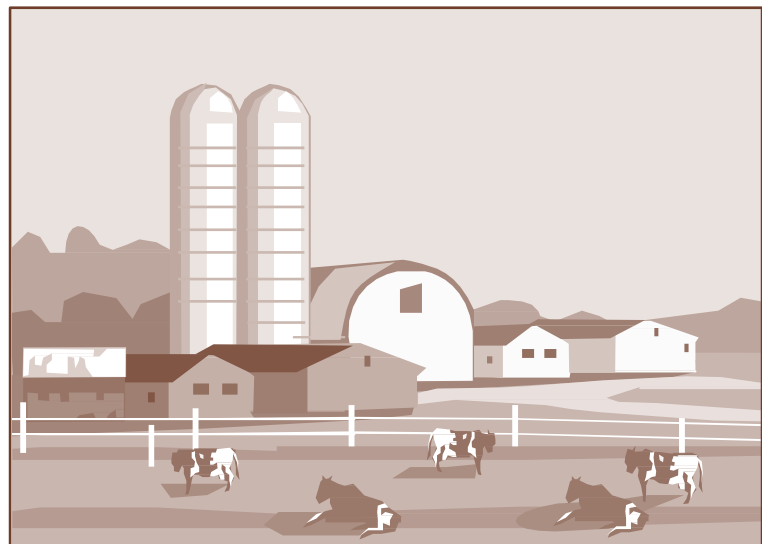
- \* Everyone should check-in at Registration desk each day.
- \* Those with a 3-Day Registration; please show us your name tag each day as you enter the conference site (For our count).
- \* Those not registered for 3-Days; please check-in each day. You need a "new color" name tag each day for entry. Your new name tag is your "Lunch Ticket" and entry into conference site.

- Continuing Education Credits:**
- \* For Certified Crop Advisors (CCA): please sign in and sign out for each 1/2 Day.
  - \* For Commercial Applicators (CEC) Credit: Fill in form at back table. See Marvin Reynolds for signature after each creditable class.

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**Please let us know if you have special needs due to disabilities. Call Maxine at 719/852-7381 by February 2nd.**