

# Central Oregon Agriculture

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NOVEMBER/DECEMBER 2015

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## Tri-State Grain Growers Convention

The 2015 Tri-state Grains Conference will be held at the Davenport Grand Hotel, Spokane, WA, November 11-14, 2015. The theme is "States Without Borders". Some of highlights include Damian Mason, who delivers comedy and commentary with credibility (he is very good); Jolene Brown talking about "*Wrinkles of Wit and Wisdom*" (she is very good); Jack Bobo will present "*Can Ag Save the World Before It Destroys it?*"; and Mike Pearson will present "*What is Driving Agriculture in the Coming Year.*" Juke Box Heroes will provide the entertainment. Lots of other breakout sessions are scheduled. Idaho, Oregon, and Washington will hold their annual meetings at the conference. Full registration is \$210 per person. For more details go to <http://www.owgl.org/> or <http://www.wawg.org/convention>.

Mylon Bohle

## Klamath Basin Forage Seminar

Plans are to hold a Klamath Basin Forage Seminar on Friday, November 13<sup>th</sup>, at the Klamath Basin Research and Extension Center Conference Room located at 6923 Washburn Way, Klamath Falls. This forage seminar would precede the Oregon Hay King Contest being held on Saturday, November 14<sup>th</sup> in Klamath Falls. The Seminar will start at 9:30 am and run until 4:30 pm. The agenda is on page 5. Questions: Contact Keely Moxley at 541-883-7131 [keely.moxley@oregonstate.edu](mailto:keely.moxley@oregonstate.edu) (or Mylen Bohle at 541-447-6228 or [mylen.bohle@oregonstate.edu](mailto:mylen.bohle@oregonstate.edu).)

Keely Moxley &amp; Mylen Bohle

## 2015 Oregon Hay King Contest

The Oregon Hay and Forage Association in cooperation with Oregon Forage and Grassland Council, along with Oregon State University Extension Service and Agricultural Experiment Station assisting, are sponsoring the 2015 Oregon Hay King Contest which will be held on Saturday, November 14<sup>th</sup> at Klamath Basin Equipment, 4304 Hwy #39, Klamath Falls. Judging starts at 9:00 am and will conclude at 4:00 pm or earlier. There will be complimentary donuts and coffee in the morning, and no-host lunch will be available.

The 7 hay classes to be judged could include: 1. dairy alfalfa 2. retail alfalfa 3. grass 4. grass/legume mix 5. cereal 6. cereal/legume (pea or vetch) mix 7. Timothy. The Hay King contest is an annual event where hay growers can not only show off their hay, but network with other growers, exchange ideas, and just celebrate the end of another year's harvest. The 2015 contest will be hosted by the Klamath Basin Hay Growers' Association. Web site for the Oregon Hay and Forage Association is: <http://www.oregonhaygrowers.com/>. Contact for the Oregon Hay King Contest is David King at 541-891-6248.

Keely Moxley and Mylen Bohle

## Western States Alfalfa and Forage Symposium

The Western Alfalfa and Forage Symposium will be held at the Silver Legacy in Reno, NV December 2-4. The theme is "*Producing Forages in a Water Challenged World*". Wednesday, December 2 is the preconference *Irrigation Management Workshop*. Thursday and Friday, December 3-4, will feature presentations on alfalfa and other forages. This should be an excellent 2.5 days spent in Reno! Registration fee is \$375 for the 3 days or \$300 for the 2 days. Hotel Information, Agendas, and Registration at: <http://calhay.org/symposium/>

Mylon Bohle

**Central Oregon Agriculture** is a bi-monthly newsletter produced by the Central Oregon Extension offices and the Central Oregon Agricultural Research Center (COARC). The intent of this newsletter is to extend agricultural research-based information, to solve problems, develop leadership and manage resources wisely. Please direct comments and changes to the mailing list of your local County office.

◆ Mylen Bohle, Editor, (541) 447-6228

◆ Kim Herber, Ag Newsletter Coordinator, (541) 447-6228

#### Central Oregon County Extension Offices

(all area codes are 541)

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**Deschutes County** Extension Service - Phone 548-6088,  
3893 SW Airport Way, Redmond, OR 97756

**Jefferson County** Extension Service - Phone 475-7107,  
850 Dogwood Lane., Madras, OR 97741

**Warm Springs** Indian Reservation - Phone 553-3238,  
1110 Wasco St., PO Box 430, Warm Springs, OR 97761

#### Central Oregon Agricultural Research Center

◆ Carol Tollefson, Director, 475-7107

Madras Site - Phone 475-7107, 850 Dogwood Lane, 97741

Powell Butte Site - 8215 SW Hwy. 126, 97753

#### Extension Service & Experiment Station Web Sites

Crook County: <http://extension.oregonstate.edu/crook>

Deschutes County: <http://extension.oregonstate.edu/deschutes>

Jefferson County: <http://extension.oregonstate.edu/jefferson>

Central Oregon Agricultural Research Center:

<http://oregonstate.edu/dept/coarc/index.php>

#### Central Oregon Agricultural Extension Service Staff

◆ Dana Martin, Regional Administrator, 548-6088

◆ Mylen Bohle, Crops, Cereals, Hay, Pasture and Irrigation,  
447-6228

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◆ Amy Jo Detweiler, Horticulture, 548-6088

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◆ Toni Stephan, Horticulture and Small Farms Instructor,  
548-6088

◆ Nicole Strong, Forestry, 548-6088

◆ Carol Tollefson, 475-7107

The above individuals are devoted to extending agricultural information to producers. Many of the individuals, in addition to agriculture, have assignments in research, 4-H Youth, administration and community resource education. Often it is appropriate to mention brand names of some commercial products; however, they are used only for the purpose of information. Extension does not guarantee or warrant the standard of the product, or does it imply approval of the product to the exclusion of others.

## Hatfield Endowment Series

For the past 30 years, Fred Provenza, Professor Emeritus in the Department of Wildland Resources at Utah State University and his group have produced ground-breaking research that laid the foundations for what is now known as behavior-based management of landscapes. Their efforts led to the formation in 2001 of an international network of scientists and land managers from five continents. That consortium, known as BEHAVE (Behavioral Education for Human, Animal, Vegetation and Ecosystem Management [www.behave.net](http://www.behave.net)), is committed to integrating behavioral principles and processes with local knowledge to enhance ecological, economic and social values of rural and urban communities and landscapes. They seek to inspire and enable people to understand behavior, ours and other creatures, to fashion environmentally friendly solutions that reconcile differences of opinion about how to manage landscapes.

Part 1—

Saturday, November 14, 2015 9:30 am to 3:00 pm

Presentation and Q&A by Fred Provenza

Location: The Doubletree by Hilton,  
300 NW Franklin Ave  
Bend, OR

RSVP: [dallend@countrynaturalbeef.com](mailto:dallend@countrynaturalbeef.com) or 541-390-7034



Part 2—

Saturday, November 14, 2015; 6:00 pm Reception, 7:00 pm Lecture  
Our Landscapes, Our Livestock, Ourselves—Dr. Fred Provenza will discuss how herbivores, humans and landscapes are linked and how their relationships have changed over time.

Location: High Desert Museum  
59800 Sough Hwy 97  
Bend, OR

RSVP: [www.highdesertmuseum.org/rsvp](http://www.highdesertmuseum.org/rsvp)



Tim Deboodt

## WSU Organic Ag Workshops

- Washington Tilth Producers Conference. November 13-15, 2015; Spokane, WA. There are several focused workshops on Friday and many topical sessions the rest of the weekend. <http://tilthproducers.org/programs/conference-2/>
- Pacific Northwest Vegetable Association. November 18-19, 2015; Kennewick, WA. There is a half-day dedicated organic session on the morning of November 19 that includes a market discussion as well as some production issues. <http://www.pnva.org/>
- Washington State Tree Fruit Association. December 7-9, 2015; Yakima, WA. There is a half-day dedicated organic session on the morning of December 8 that included a market discussion, policy, production, and a grower panel on transitioning to organic. <http://wstfa.org/annual-meeting/>

David Granastein, WSU, Wenatchee 509-663-8181 x222  
[granats@wsu.edu](mailto:granats@wsu.edu)

## 2015 Oregon Hay Directory Available Soon

The 2015 Oregon Hay Directory should be available sometime in October. The hay directory is published by the Oregon Hay and Forage Association (Ph: 541-447-6228). The hay directories are sent out to most all of the dairies and some feed stores in Oregon, Idaho, Washington, and northern California, as well as to OHFA producer and industry members.

Mylon Bohle

## Understanding Your Forest Taxes

Woodland owners have to contend with the financial costs of multiple forms of taxes: property taxes; federal income taxes and potentially state harvest taxes. But through careful planning and understanding the legal options available, you can substantially reduce your overall tax burden. This workshop will provide a good understanding of what those options are and how each property owner can decide which choices are most appropriate for their unique situation. During these workshops we will cover:

- Property tax options
- Oregon state timber harvest and severance taxes
- Federal income tax provisions relevant to forestry

These FREE, two hour workshops are being held in two locations for your convenience. Food and beverages will be provided, so your RSVP is requested.

Instructor: Tamara Cushing, Starker Chair, Forest Economics, Management and Policy Extension Specialist, Oregon State University

If you have questions about this program, or would like to learn about workshops offered by OSU Forestry and Natural Resources in Central Oregon, please contact Nicole Strong at [nicole.strong@oregonstate.edu](mailto:nicole.strong@oregonstate.edu), phone: (541) 548-6088

**Bend—November 17, 2015** from 5:30 pm to 7:30 pm  
Oregon State University Cascades Hall 118  
2600 NW College Way  
Bend, OR 97703  
Light dinner included.

**Prineville—November 18, 2015** from 11:00 am to 1:00 pm  
OSU Crook County Extension Office, Clover Bldg  
498 SE Lynn Blvd  
Prineville, OR 97754  
Lunch included.

RSVP for the workshop that works best for you:  
Email: [carrie.sether@oregonstate.edu](mailto:carrie.sether@oregonstate.edu), Phone: 541-548-6088  
Nicole Strong

## Wheat Marketing Meetings

The Oregon Wheat Growers' League has resumed the Statewide Marketing Education Series Meetings. These every other month meetings generally occur the third Thursday. Next meeting should be December 17 and February 18. Central Oregon producers can view the monthly Polycom presentations at the COARC, 850 Dogwood Ln., Madras, or at the OSU Crook County Extension Service Office at 498 SE Lynn Blvd, Prineville. Please call 541-475-7107 (COARC, Madras) or call 541-447-6228 (Crook County Extension, Prineville) the day before, to confirm your attendance and / or to make sure the meeting is taking place. The OWGL website is at [www.owgl.org](http://www.owgl.org) or for other information you may call Sally Christensen, Member Services Director, Oregon Wheat Growers League, 541-276-7330, (phone), 541-276-1723 (fax).

Mylene Bohle

## Alfalfa Intensive Training Seminar

The Alfalfa Intensive Training Seminar will be held on November 18-20, 2014 at the Crowne Plaza Hotel and Suites, MSP Airport, Bloomington, MN. The seminar is taught by Extension Forage Specialists and USDA Dairy Research Center personnel from Kentucky, Wisconsin, Pennsylvania, and Minnesota. There will be 11.5 certified crop advisor credits offered.

Topics to be covered include: Genetics, Variety Testing & Selection Testing, Seed Production, Growth & Development, Forage Quality and Terms, Soils: Fertility and Manure Management, Establishment, Irrigation, Pest Management, Harvesting: Options, Losses, & Decisions, Mowing and Field Drying, Silage Preservation, Hay Preservation, Alfalfa in Rotations, Role of Alfalfa in Animal Diets, Alfalfa – Custom Harvesting, and Economics.

Contact the National Alfalfa & Forage Alliance 1-509-585-6798 or go to their website at [www.alfalfa.org](http://www.alfalfa.org). The registration is \$550 prior to November 1<sup>st</sup>, or \$600 after that date.

Mylene Bohle

## Pesticide Applicator Classes at COCC

- Pesticide Applicator: Laws & Safety Friday, November 13; 8:00 am-5:00 pm. Bend, COCC Boyle Education Center, Room 154, \$149.00
- Pesticide Applicator: Herbicides—Ornamental & Turf, Saturday, November 14; 8:00 am-5:00 pm Bend, COCC Boyle Education Center Room 154, \$149.00
- Pesticide Applicator: Insecticide/Fungicide—Ornamental & Turf Saturday, November 21; 8:00 am-5:00 pm Bend, COCC Ponderosa Room 101, \$149.00

Preregistration is required for these classes. Call 541-383-7270 or go to <http://www.cocc.edu/continuing/pesticide-applicator-courses/> for online registration.

Mylene Bohle

## Pesticide Applicator Classes Online OSU

OSU's Professional and Continuing Education (PACE) is offering online pesticide applicator courses. There are currently six, one-hour courses that qualify for both "Core" and "Other" hours and are \$20.00/course. After choosing the class you would like, register by clicking on the large "Register Now" button and follow the directions. These high quality courses present the subject matter in an interesting and interactive manner and allow you to receive pesticide recertification credits at your convenience. Class topics include: Pesticide labels and formulations, personal protective equipment, pests, integrated pest management and herbicide resistance. Access online classes at: <http://pace.oregonstate.edu/catalog/pesticide-applicator-course-series> For additional information contact Katie Ralls at 541-475-7107 [katie.ralls@oregonstate.edu](mailto:katie.ralls@oregonstate.edu)

Katie Ralls

## Hermiston Farm Fair & Trade Show

Hermiston Farm Fair & Trade Show will be held December 2-4, at the Hermiston Conference Center, 415 S. Hwy 395, Hermiston, OR. The Farm Fair is an agricultural forum co-sponsored by OSU Extension Service, the Agriculture Committee of the Greater Hermiston Chamber of Commerce, and local agriculture-related businesses displaying their wares and services, both inside and outside the Conference Center. <http://oregonstate.edu/dept/hermiston/farm-fair-trade-show-1> or call 541-567-8321.

There is a \$10.00 fee for attending the Core Program. All other educational sessions are free to attendees. No pre-registration is required. Oregon, Washington and Idaho pesticide re-certification credits will be available, in addition to CCA credits. The full Farm Fair agenda with updates and pesticide credit hours will be available on the website by mid- November.

Mylon Bohle

## 2015 Beef Industry Tour

### Reproductive Management and Genetics of Beef Cattle

Agenda:

Basic Concepts on Cattle Reproduction and Genetic Mgmt

Local extension faculty—*Oregon State University*

Using the OSU Across-Breed EPD Calculator

David Bohnert—*Oregon State University, EOARC—Burns*

Trace Mineral Supplementation To Gestating Beef Cows

Reinaldo Cooke—*Oregon State University, EOARC—Burns*

Break—*Refreshments Provided*

Economic Impacts of Estrus Synchronization + Fixed-Time AI in Beef Systems

Cliff Lamb—*University of Florida, NFREC—Marianna*

Use of Genetic Tools in Beef Cattle Selection

J. Benton Glaze—*University of Idaho, TFREC—Twin Falls*

### **Schedule and Locations:**

**December 7, 2015** 4:00 to 7:30 pm

Baker City, OR—Extension Office, 2600 East St

For registration, call 541-523-6418

**December 8, 2015** 4:00 to 7:30 pm

Prineville, OR—COCC, 510 SE Lynn Blvd

For registration, call 541-447-6228

**December 9, 2015** 4:00 to 7:30 pm

Medford, OR—Black Bear Diner, 1150 E Barnett Rd

For registration, call 541-672-4461

**December 10, 2015** 12:30 to 4:00 pm

Springfield, OR—Springfield Golf Club, 90333 Sunderman Rd

For registration, call 541-672-4461

Registration fee = \$10.00/person. For more information, please visit the Beef Cattle Sciences Website at

<http://beefcattle.ans.oregonstate.edu>

Tim Deboodt

## Far West Winter Conferences

The Far West Agri-business Association announces the Washington Conference will be held at Kennewick, WA on December 8-10, 2015 and the Idaho conference will be held January 12-14, 2016 at Twin Falls, ID There are some good irrigated, dryland, and safety related sessions on the agenda. For more details go to: (<http://fwaa.org/> or Denise Spanbauer [registration@fwaa.org](mailto:registration@fwaa.org)).

Mylon Bohle

## 13th Oregon Leadership Summit

The Summit is Oregon's premiere economic policy event, where leaders from across Oregon's public and private sector gather to shape the agenda for the year ahead with the aim of creating jobs, raising incomes, and reducing poverty. The Summit will build off themes from last year including connecting education to careers, modernizing infrastructure, putting natural resources to work for rural Oregon, and boosting international trade. Monday, December 14, 2015 at the Oregon Convention Center, Portland, Or.

To register go to <http://www.oregonbusinessplan.org/>

Mylon Bohle

## Acidified Foods and Better Process Control School

2-Day Course: December 14 –15, 2015

4-Day Course: December 14-17, 2015

Location: Wiegand Hall, OSU Campus, Corvallis, OR

The Oregon State University Better Process Control School is approved by the FDA and follows the prescribed course of instruction for certification. This two-day course addresses operations of acidified food processing systems, glass packaging systems and container closure inspection. In addition to the first two days, the four-course addresses operations of retorts, low acid food processing systems, aseptic processing and packaging systems and container closure inspection.

Examinations are given for each section and are standardized by the Food Processors Institute with the approval of the FDA who specify 70% as a passing score.

The FDA receives a list of names of individuals who have passed the prescribed course. Participants who pass receive a certificate issued by Oregon State University. In addition they may provide a waiver to have their grades forwarded to their employer.

For more information contact Dr. Mark Daeschel at 541-737-6519

Registration—Debby Yacas 800-823-2357 or

[Deborah.yacas@oregonstate.edu](mailto:Deborah.yacas@oregonstate.edu)

Dr. Mark Daeschel

## Farm Progress Cover Crop Booklet

“Cover Crops – Management Practices” booklet (about 32 pages) is available at the following link. It was published by the Farm Progress as a special report. While the focus is Midwest Ag, it is still interesting and there is a lot of good information in the booklet. <http://farmprogress.com/mdfm/Faress1/author/2/2013/7/CoverCrops-BestManagementPractices-Revised.pdf>

Mylon Bohle

## 2015 Preferred Wheat Varieties Based on End Use Quality

Varieties are listed by *statistical quality rankings* by class. When making a decision between varieties with similar agronomic characteristics and grain yield potential, choose the variety with the higher quality ranking. This will help to increase the overall quality and desirability of Pacific Northwest (PNS) wheat.

**Most Desirable (MD)** – These varieties generally have high test weights, appropriate protein content (kernel properties), and excellent milling and end-use properties.

**Desirable (D)** – The kernel milling, and end-use qualities of these varieties range from good to very good. The quality attributes of these varieties are desirable in international trade.

**Acceptable (A)** – The kernel, milling, and end-use qualities of these varieties range from acceptable to good. Individual varieties may possess minor flaws. The quality attributes of these varieties are acceptable in international trade.

**Least Desirable (LD)** – One or more critical flaws in quality are present in these varieties. The intrinsic quality of PNW wheat will be improved if these varieties are not planted

These rankings are based on the results of the *Genotype and Environment Study (G&E)* quality testing conducted by USDA Western Wheat Quality Laboratory, the Washington State University, Wheat Quality Program, the University of Idaho Wheat Quality Laboratory, and the Oregon State University Cereal Quality Laboratory, including relevant wheat breeding nurseries. End-use quality determinations were based on results from grain, milling, and product quality tests. (*Oregon, Idaho, and Washington Wheat Commissions fund this research.*)

The quality scores presented here reflect a minimum of three (3) years' data in the *G&E study*, using a reference variety for each class. The scores are reviewed yearly as new data becomes available and are subject to change. Varieties not listed have not been tested or have less than three years data. For the complete listing of classes and varieties, go to: <http://wagrain.org/wp-content/uploads/2015/05/PreferredVarieties2015ForWeb.pdf> (2015 brochure)

Mysten Bohle

## Klamath Basin Forage Seminar 2015 Agenda

Friday, November 13th, 201. OSU Klamath Basin Research and Extension Center, Learning Center, 6923 Washburn Way, Klamath Falls, Oregon

### Time Topic/Speaker

9:30 – 10:00 AM	Refreshments (NW Farm Credit Services) and Registration (Free), Welcome, and Introductions
10:00 – 10:30 AM	Hay Storage Dry Matter and Quality Losses - Glenn Shewmaker, University of Idaho Alfalfa Variety Trial Update - Glenn Shewmaker, University of Idaho
10:30 – 10:45 AM	Break
10:45 – 11:15 AM	Forage Exports 2015 - John Szczepanski, US Forage Export Council
11:15 – Noon	Grass Based Health - Peter Ballerstedt, Barenbrug USA A New Fiber Digestibility Estimate (TTNDFD) - Peter Ballerstedt, Barenbrug USA
Noon – 12:30 PM	TBA - Northwest Farm Credit Services
12:30 – 12:45 PM	Blue Aphid Control - Nick Macy, Macy's Flying Service
12:45 – 1:15 PM	Lunch
1:15 – 2:00 PM	Soil Testing and Nutrient Management Update - Dan Sullivan, Oregon State University
2:00 – 2:30 PM	Maturity Matrix for Forage Grasses - Jerome Magnuson, DLF
2:30 – 2:45 PM	Break
2:45 – 3:15 PM	Using Current and Potential Forage Yield Data in Management Decisions - Shelby Filley, Oregon State University
3:15 – 4:00 PM	Crop Insurance Coverage: Ensuring Forage Quality - Jon Paul Driver, Washington State University
4:00 - 4:15 PM	Oregon Forage and Grassland Council Update - Jerome Magnuson, DLF
4:15 – 4:30 PM	Open Discussion
4:30 PM	Adjourn

Sponsored by Oregon Hay and Forage Association, in Cooperation with Oregon Forage and Grassland Council, and hosted by Klamath Basin Hay Growers' Association. Questions: Contact Keely Moxley at 541-883-7131 [keely.moxley@oregonstate.edu](mailto:keely.moxley@oregonstate.edu) (or Mylen Bohle at 541-447-6228 or [mysten.bohle@oregonstate.edu](mailto:mysten.bohle@oregonstate.edu).)

Keely Moxley and Mylen Bohle

# Calendar

## November

- 9-13 Irrigation Show & Education Conference. Long Beach, Calif (703) 536-7080 ext. 11, or go to [www.irrigation.org](http://www.irrigation.org).
- 11 Veteran's Day
- 11-14 Oregon/Idaho/Washington Tri-state Grains Conference. Davenport Hotel, Spokane, WA . <http://www.owgl.org/>
- 13 KBHGA Forage Seminar. Klamath Falls, OR (see article)
- 14 Oregon Hay King Contest. Klamath Falls, OR (see article)
- 17-19 Alfalfa Intensive Training Seminar. National Alfalfa and Forage Alliance. Fort Wayne, IN. <http://www.alfalfa.org/training.html> (see article)
- 26 Thanksgiving Holiday

## December

- 2-4 Western States Alfalfa and Forage Conference. Silver Legacy, Reno, NV. <http://calhay.org/symposium/> (see article)
- 3-6 Oregon Cattlemen's Association Annual Meeting, Bend <http://orcattle.com/>
- 8-10 Washington Far West Conference, Red Lion Hotel, Pasco, WA [www.fvaa.org](http://www.fvaa.org) (see article)
- 17 Wheat Marketing Meeting (see article)
- 25 Christmas Holiday

## January 2016

- 1 New Years Holiday
- 12-14 Idaho Far West Winter Conference, College of Southern Idaho, Twin Falls, ID [www.fvaa.org](http://www.fvaa.org) (see article)
- 10-13 American Forage and Grassland Council Annual Conference. Baton Rouge, LA. [www.afgc.org](http://www.afgc.org) or call 1-800-944-2342.
- 20-21 Northwest Hay Annual Conference (Washington State Hay Growers Association). Three Rivers Convention Center, Kennewick WA. <http://www.wa-hay.org/>
- 22 Dunn Carney's 8th Annual Ag Summit, Salem, OR. Salem Convention Center
- 25-26 California Irrigation Institute Conference. Sacramento, CA <http://www.caii.org/>
- 27 Central Oregon Forage Day, Prineville, OR. For more information contact Mylen Bohle at (541) 447-6228.
- 29 Central Oregon Pest Management Course. (8 credits) Deschutes County Fairgrounds, Redmond

CENTRAL OREGON AGRICULTURE  
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