

Two-Day Intensive Workshop

For Growers - Field Consultants - Fertilizer Suppliers

Field-Proven Approaches To Season-Long Crop Nutrition Management For A Better Bottom Line. For You, Your Company & Your Clients!

When: January 15 and 16, 2018

Where:



Shoshone Bannock Hotel 777 Bannock Trail Fort Hall, Idaho 83203

Registration includes:

- admission to two full days of educational sessions;
- lunch, snacks, and refreshments;
- workbook (full presentations and resources); and
- a tote bag.

Here's a sneak preview of the abbreviated version of the workbook.

Offering 12.5 CEUs for Certified Crop Advisors.

Click here to Register

Presented By



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WORKSHOP SCHEDULE

DA	Time	Presenter	Торіс
	8:00 a.m.	* * *	Check In
	8:30 – 9:45 a.m.	Noel Garcia, CCA	T - SOIL TESTING Why, When and How Often to Do It What and Where to Sample How to Sample and Prepare Samples For Shipment to the Lab Differences in Soil Testing Methods Interpreting Lab Numbers Considerations When Writing Recommendations Importance of Soil Nutrients Nutrient Interactions Between Themselves & Native Soil Chemistry
	9:45 – 9:55 a.m.	***	Break
	9:55 - 10:55 a.m.	Dr. Larry Zibilske	2 - REVIVING SOIL BIOLOGY • "Habitat" Concept • Relationships Between Populations • Testing for Biological Activity • FUNCTIONS: Why Biology Is Essential for Plants • Nutrient Cycling - Disease Buffering Effects
A	10:55 – 11:05 a.m.	* * *	Break
Y O N	11:05 a.m. – Noon	Dr. Larry Zibilske	3 - USING ORGANIC MATTER TO ENHANCE CROP NUTRITION Compost + Sulfur: A Winning Combination • Effects on Soil Structure and Tilth • Effects on Nutrients & Water • Effects on Microbial Population • "Biological Buffering" • Nutrients in Organic Matter • Nutrients Added to Compost • Test Results: Adding Sulfur to Compost
E	Noon – 1:00 p.m.	* * *	Lunch
	1:00 – 2:30 p.m.	Noel Garcia, CCA	4 - CROP NUTRITION: Getting Nutrients into Plants Plant Nutrient Uptake and Efficiency of Uptake: Using Less Fertilizer & Water While Getting Better Crop Results. • How Native Soil Chemistry & Physics Affect Nutrient Uptake • Fertilizer Efficiencies based on source • Micronutrient Chelation: EDTA, Citric Acid, Amino Acid, Humic / Fulvic Acids, etc. • When and How to Apply Them • Nutritional Cures for Non-Nutritional Problems: SILICON
	2:30 – 2:40 p.m.	* * *	Break
	2:40 – 4:00 p.m.	Dr. Larry Zibilske	 5 - Unifying Biological and Chemical Sources of Fertility The Best of Both Methods Microbial Inoculants: Types, Expectations Using Microbes and Chemical Fertilizers Together How Microbes Promote High Nutrient Use Efficiency
	4:00 – 5:00? p.m.	Garcia & Zibilske	Informal Questions & Answers for as long as necessary

WORKSHOP SCHEDULE

	Time	Presenter	Торіс
	8:00 – 9:15 a.m.	Noel Garcia, CCA	6 - ELEMENTS OF PLANT NUTRITION • Plant Nutrients and Their Functions • Macro - Micro - Trace Elements & Their Chemical Compound Forms • Prevention of Hidden Hunger With Ask The Plant® • Difference between Petiole (Sap) and Leaf Analysis • Control & Prevention of Disease & Insect Pressures With Nutrition
	9:15 – 9:25 a.m.	* * *	Break
D	9:25 - 10:40 a.m.	Noel Garcia, CCA	 7 - POTATO NUTRITIONAL REQUIREMENTS Plants' Ever-Changing Nutritional Needs When Is Too Much & When Is Too Little? Timing Is Everything Common Errors In "Conventional Wisdom" On Fertility Planning Does Water Use Efficiency Have Anything To Do With Plant Nutrition? Helping Weather-Proof Your Crop Why What's In Your Plants Will Be Different From What's In Your Soil Maximizing Your Crop's Genetic Potential & Decreasing Maturity Time (Really Important If You're Facing A Potentially Short or Difficult Growing Season) How Your Soil Test Calibrates To What's Actually In Your Plants Plant [Sap] Analysis Interpretations & Plant Nutrition Standards Getting Plants Off To A Healthy Start With Proper Nutrition Achieving and Maintaining Season-Long Balanced Plant Nutrition What Season-Long Balanced Plant Nutrition Does For You
A	10:40 – 10:55 a.m.	* * *	Break
Υ	10:55 a.m. – Noon	Noel Garcia, CCA	8 - FOLIAR NUTRITION ON POTATO PLANTS • How to Use Foliar Sprays • Why, What and When To Apply • Can Chelated Products Be More Effective In Foliar Sprays? • What About Alternative (Non-Conventional) Adjuvants?
Т	Noon – 1:00 p.m.	* * *	Lunch
W	1:00 – 2:00 p.m.	Dr. Larry Zibilske	 9 - WATER – A Source of Many Problems Declining Water Quality and Availability? Watering Too Much? Water Analysis Interpretation – Impact of Water Quality On Everything pH – An Accurate Indicator of Hardness? How Water Management Affects Yields How To Use Less Water & Get Better Crop Performance Fertigation Techniques Managing the Effects of Water Quality on Soil Chemistry & Structure, Plants and Foliar Sprays.
	2:00 – 2:15 p.m.	* * *	Break
	2:15 – 3:15 p.m.	Jared Cook Field Consultant Rocky Mountain	10 - Benefits of the Ask The Plant® Methodology to Growers & Consultants • Introducing potential clients to a precision approach to crop nutrition. • Moving from being a Prisoner of the Past to a Pioneer of the Future: Is it worth it? • Benefits of Fertility Management: Reduction in Fungicides & Pesticides •
		Agronomics	Water Management: How much can it save you? • ATP Season-Long Crop Nutrition Guidance: Return On Investment
	3:15 – 3:30 p.m.	* * *	Break
	3:30 – 5:00? p.m.	Growers and Consultants	of Growers and Consultants "Conventional" Practice versus Another Approach How has it worked-out in the Real World? Photos, End-of-Season Reports & Round-table Discussion – Questions & Answers for as long as necessary