Web Site www.pasorobleswinegrapes.com

ESTGGPRA Independent Grape Growers Paso Robles Area

Volume 13, Issue 5 President-Ken Bray Editor-Sharen Rund Bloechl Bloechl September/October 2015

GLUNZ FAMILY WINERY

WINE TASTING 10-6

New to Paso Robles, the Glunz family has been in the wine business for over 120 years. Founded in 1888, Louis Glunz I bottled and delivered beer in Chicago, surviving Prohibition by making their first "sacramental" wine. The Cross Logo on their sign on Highway 46 East, where they took over the old Chumeia facility, harkens to those days. The 20-acre property has 10 acres planted to Zinfandel, Cabernet Sauvignon and Petite Verdot, and their first harvest (2013) was custom produced while they were awaiting their TTB bond.

The 2014 harvest was crafted at their winery, and they just recently received their permit to build a tasting room in the garden area. Currently, visitors can taste the 2013 wines inside the winery, where they have their hands full making the wine and even bottling for their nationwide Port and Angelica program on a line they moved out from Chicago.



Third generation Joseph Glunz and his lovely wife Helen, who live on the property when not in Chicago, have ten children who are all involved in various aspects of the business, including a large Illinois distributorship and their own wine program. Glunz was the first in California to produce wine in kegs back in 1976, at the Sierra Wine Company's valley facilities.

Joseph requires that each of their children work five years in

the industry before they can join the family business. Matt and Steve Glunz, fourth generation family now run the Paso Robles winery, and had previously worked in Oregon, Sonoma and Napa, but were so impressed with the Paso Robles area, particularly the Cabs, that they made the decision to relocate here.

Matt and his wife Julie have recently welcomed their fourth son into the world, and Steve and Sarah have a son and a daughter. Their nephew Liam is taking attending Cal Poly and will represent the fifth generation Glunz to join the family dynasty!



BOARD OF DIRECTORS 2014

Ken Bray-President 805-459-6075 bray@kobravineyard.com

Lowell Zelinski—Vice President & **S**eminars 805-434-3331 lowell@precisionaginc.com

Ken Bray — Membership

Steve Felten - Winery Outreach Chair 805-712-1082 winesage@feltencellars.com

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Michelle Hido—Special Events 310-795-7263 michellehido@gmail.com

Joe Irick—Associate Membership & Winery Outreach 805-237-2309 Joe.irick@yahoo.com

Lara Liu-Secretary & Seminars 805-400-8099 larawilsonliu@gmail.com

Angela Mitchell— Reciprocal Membership Coordinator 805-239-8555 angela@mitchella.com

Sharen Rund Bloechl-Newsletter 805-462-3489 usaindustries@pacbell.net

> Mike Collins—Historian 805-462-0171

MARKETING - AR& CO, LLC. Angela Robinson 805-239-4443

Website Angela Robinson Web Master - AR & Co. PR & Marketing angela@arandcompany.com

President Emeritus - Richard Sauret

2015 **IGGPRA CALENDAR**

All dates/seminars are subject to change. Contact ANY board member to offer your suggestions for upcoming seminars! Oct 24 Social Rio Seco 4-7 om

Dec 5	Christmas Social 6-9 pm	San Miguel Parish Hall
	0-7 pm	

Planned Seminars for 2015:

Seminars will be held every other month except for October and December.

Here is a listing of the proposed seminar topics and months for 2015. Once the locations and dates are confirmed we will let you know.

Look for more exciting Seminars in the months to come:

> September 30 > November TBD



Pump Efficiency & Pancakes Workshop 9-11 a.m. 9/12

TBD



Savor, 9/26-27

Pioneer Days, 10/5-10

Colony Days, 10/12-18



September 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		I	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26 Sunset
	28	29	30 Seminar			

October 2015

	Mon	Tue	Wed	Thu	Fri	Sat
				I	2	3
4	5	6	7	8	9	10 Pio- neer Days
П	12	13	14	15	16 Wine Fest	17 Colo- ny Days
18	19	20	21	22	23	24 Social
25	26	27	28	29	30	31

President' Message



Dear fellow growers, associates and friends of IGGPRA

Once again we are heading for the home stretch. Harvest will be upon us shortly. In fact, several of you have already begun. Early indications bear out the challenging nature of the 2015 vintage with some estimates as much as 30% below 2014 on many varietals. Not much left to do now except plan for the forecasted "El Nino" and hope that the reality is at least half of expected. In the meantime give your winemaker a hug. They

seem to be able to pull off miracles and I'm sure they will do it again in 2015.

For all those that attended our August Social at the Loading Chute in Creston, thanks for coming and trusting that we could pull off such an exciting fun-filled event. Our hosts of the August Social, Becky and Lowell Zelinski, put on a party with great music, good food, games and a pie contest that featured the baking prowess of our members. People had so much fun that they didn't want to leave and that hasn't happened in some time. In fact, I received more unsolicited favorable comments on the August Hoe Down than any social in recent memory (ever?). The music was provided by *The Morgan Canyon Band* and donated by WiVi Central Coast, the *The Loading Chute*'s food was donated by DiBuduo & Defendis Insurance and the pies were all from our members. Connie Price, Melinda Reed and Terry Irick took Ist, 2nd, and 3rd in the fruit pie competition and Bryan Winchester and Jim Jannsen took Ist and 3rd (yep men) while Connie Price and Mary Ellen Felten took 2nd and 4th with cream pies. Congratulations to all who entered pies in the contest and to the judges. It is noteworthy that of the I5 pies submitted not one piece was left at the end of the evening.

Over the next two months we have some exciting activities planned.

- during September 9-14 IGGPRA will be the sole exhibiter in the Paso Robles Chamber of Commerce window,
- IGGPRA will again be represented in the Pioneer Day Parade on October 10,
- IGGPRA will support member wineries by pouring at Sunset Savor the Central Coast event in Santa Margarita on September 26 & 27,
- Our next Seminar will be September 30 and feature dealing with current drought problems and harvest,
- And, the October Social will be the 24th at Rio Seco Vineyard and Winery.

Why not plan to attend several of these events. Your help for the Pioneer Day Parade and the October Social would be greatly appreciated.

Hope you have a great harvest.

Ken Bray, IGGPRA President

Lowell's Corner Again

September 2015

WHAT WENT WRONG

For most of us – whether you know it or not yet – this year's grapes yields will be less than stellar. My early indications are yields being between 50 and 0% of normal. Yes I said zero. I manage a block of Sauvignon Blanc which usually produces 20 to 30 tons – this year it was 13. I've heard of a block that usually produces between 25 and 40 tons of Syrah being harvested and delivering less than 2 tons.

I know of a Cabernet Sauvignon block were the insurance adjuster said we don't even need to harvest it -100% loss. What do we tell the winery?

The big question is WHY. I think there are many reasons. Not the least of which is 4 years of below average rainfall and salt accumulation in the root zone. I don't think any amount of drip watering can flush out.

The salts are sodium, chloride, and boron. They all reduce the vigor and fruiting potential of vines. I'm not sure that "reasonable" increases in irrigation will change things. We just need rain!

Different rootstocks are beneficial but can't really change that now. If you have 5BB, 5C or 101-14 you are probably having problems. 1103p and 110r or other vigor inducing rootstocks are better.

I have also seen problems where the trellis system is inappropriate for the vigor level such as a quadrilateral cordon with only 12 inches of shoot growth.

I believe that there is another cause of low yields this year. It is a bit technical but hopefully it will all make sense.

Grape flowers are hermaphroditic – that is they contain both female and male parts. They are also known as perfect flowers



Social Chair-

What a fantastic night. Lowell and Becky deserve many kudos for making the evening truly memorable. For those of you that helped particularly Steve and his wife, my wife, Angela and Renee,Lou Collins-THANKS. For those of you that did not make the party you missed clearly the best Social IGGPRA in years and this is not only my assessment but those of our attending members.















October Social Harvest Barbeque

Date : Saturday, October 24, 2015 Time: 4 to 7 pm Place: Rio Seco Winery

IGGPRA provides Ribs & Chicken

Members bring by last name: A - D : Side Dish E - L : Dessert M - R: Appetizer S - Z: Salad

Bring table set-ups, chairs, wine glasses and wine to share. Members and one guest free, additional guests \$5 each. Members of the public \$10 each.

Call Doris Bray at (805) 461-1391 or email Doris at <u>doris@kobravineyard.com</u> or **RSVP on IGGPRA's handy** <u>online **RSVP form**</u>.



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The Winery Outreach Committee

- Steve Felten (Chairman) Joe Irick & Serena Friedman

Contact Steve Felten for details. 805-712-1082 winesage@feltencellars.com Winery Outreach:

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Olive Festival! It was a HOT day but we had ICE COLD white wine at the IGGPRA booth! — at <u>Paso Robles</u>



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We have the opportunity to showcase our wines at the prestigious Sunset - Savor the Central Coast winetasting at Santa Margarita Ranch the weekend of Sept. 27 & 28.

The following will have their wines represented at Savor the Central Coast on the IGGPRA table, but are not necessarily attending:

Barr Estate Winery Estrella Creek Vineyards Felten Cellars Four Sisters Winery Frolicking Frog Cellars Glunz Family Winery Hidden Oak Winery Laraneta Winery Pear Valley Winery Pozo Valley Wineyard Rio Seco Winery San Marcos Creek Vineyard Tackitt Family Vineyards



For more information on the event, check out: www.savorcentralcoast.com These three hotels in San Luis Obispo are actively seeking wineries to particpate in wine receptions:

Petite Soleil call Dianne 549-0321 for tasting appointment. Daily receptions 5 -6:30, attendance not required, prefers unusual varietals.

Courtyard Marriott email Stefanie stefanie.canter@marriott.com

Embassy Suites: email Frank <u>frank.orazio@hilton.com</u> daily receptions 5:30-7:30 wholesale in \$8-10 range

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Congratulations to all our members who entered the Central Coast wine Competition—the complete list of awards is at: https:// centralcoastwinecompetition.files.wordpress.com/2015/06/basic-results3.pdf





Michelle Hido—Special Events Chair

Have you heard?

FRIDAY, JULY 10TH - Contraction

IGGPRA GRAPE G ROB



IGGPRA's Farm/Wine swap meet in July went well



and we look forward to hosting another one in January. People came out to find all kinds of equipment

and implements. Items too large to bring out where posted on a board by the sign up table, and by the end of the event only 2 items RD, WINERY & FARM where left unsold. We really appreciate Tractor Supply letting us use their parking lot for the event and it was great seeing IGGPRA members. As you clean out your barns and properties this winter, it has to do with farming or wine bring it to SELL OR TRADE! keep January's Farm/Wine Swap Meet in mind.





We'll be decorating the Paso Robles Chamber Window for 2 weeks, 9/14-28check it out!

We're making plans to be in the Pioneer Days Parade again this year and can use volunteers—let me know if you're interested



Merchant Associate Report

IGGPRA Sept/Oct Associate Members Report

Hello All

Today, we have over 60 Associate Members, most of them with businesses that can benefit the grower membership. We appreciate their memberships and participation in many of the IGGPRA events and are now an integral part of the organization.

How have Associate Members benefited IGGPRA in 2015?

- I. Sponsorship of refreshments at Seminars and their informative presentations has help improve the quality and attendance at Seminars
- The "best Social in years", on August 22 at the Loading Chute, was sponsored (food and band) by Associate Members, DiBuduo & Defendis Insurance and WiVi Central Coast. AR&Co was also there to take pictures of a great evening The Beautry.

The Results:

- Great tri-tip meal with all the fixins' Compliments of DiBuduo &Defendis Insurance.
- Live music hosted by WiVi Central Coast Wine Industry Conference & Tradeshow.
- A dance floor, if you so wish to dance.
- Great venue-the historic Loading Chute in Creston.
- Excellent acoustics for announcements using a professional sound system.
- You bring nothing except wine to share and drink or your favorite beverage.
- The Loading Chute provides set ups, glassware, wait staff AND clean up.
- A Pie Contest! BRING YOUR FAVORITE PIE FOR DESSERT.

In addition, we have also offered Associate Members to write a short article about topics of importance to our growing cycle and post it on the page for this report. More education benefits for our members.

Thank You Associate Members !!

Looking forward to hear from you.

Best Regards

Joe Irick IGGPRA Board Member, Associate Member Chair 408 981 7099



Lowell's Corner Again. (continued from page 1)

The female parts consist of a stigma, a style and an ovule. The stigma is the receptive part where the pollen grains land and begin to grow. The ovule contains the female gamete which if pollinated will develop into a seed and lead to berry growth. This ultimately leads to the clusters that we harvest which are very scarce this year. Between the stigma and the ovule is the style. This tissue is essentially a little stock that elevates the stigma so it can contact pollen.

When pollen touches the stigma it begins to grow and produce a structure called the pollen tube. The pollen tube grows through the style with the goal of reaching the ovule and having the male gametes (sperm) reach the female gametes (eggs) and fertiliation occurs.

The pollen supplies the energy for the growth of the pollen tube, but there is not a lot of extra energy within a pollen grain. If environmental conditions do not favor rapid pollen tube development the energy runs out before the pollen tube can make it to the ovule and the pollen grain and male gametes die before fertilization can occur. The environmental conditions that cause problems with pollen tube growth are many but this year, low temperatures, typically less than 60 degrees are the main reason

In 2015 most varieties in Paso Robles went through bloom during the month of May due to an exceptional early bud break. The following chart indicates the hours where conditions were adverse for pollen tube and thus fertilization to occur. Don't worry about being able to read the numbers, just realize that the blue shaded cells are average hourly temperatures where the temperature was too cold for good pollen tube growth and therefore pollination to occur.



Lowell's Corner Again (continued from page 12)

The second reason for poor pollination in May of 2015 was due to retention of calyptra (flower caps) during bloom.



Figure 5.3. A grape flower shedding its cally traditioner cap) during an thesis

Calyptra are essentially the petals of grape flowers and there are five petals per flower. Initially all the petals are fused together and as bloom progresses each petal separates from the others through the formation of an abscission zone between the petals. The formation of the abscission zone is a "growth" process and if the flower cap dies before the development of independent petals the cap gets stuck and this also leads to poor pollination. The main reason this year for the lack of a complete abscission layer development was again the cool temperatures in May



I believe that for the reason above and maybe others there was an incredibly poor pollination of grape flowers last May, and its effects are just beginning to experienced now.

As I write this – we have not even started harvest of Bordeaux varieties such as Cabernet Sauvignon and it is very clear that these varieties have suffered to an even greater extent than the varietals that have been harvested so far.

Obviously this year's central coast crop is going to be small and the saying goes – as we go through harvest "small crops get smaller".

This month's seminar (Sept. 30th) will go deeper into this issue.

Lowell Zelinski, PhD Precision Ag Consulting



Welcome New Members:

Growers

McCueVineyard Mark McCue 77655 Reinert Rd San Miguel, CA 93451 707-322-5229 cueball@mcn.prg

Zin-Oak Vineyards

David & Joan Leader 2350 Orchard Rd Templeton, CA 93465 805-441-308 dleader4@gotmail.com

Phil and Susan Tubbs Evening Star Vineyard 7010 Wilderness Lane Paso Robles, Ca 93446 ptubbs@eveningstarvineyard.com

Lonesome Oak

John Obermeyer 4770 Oak Flat Rd Paso Robles, CA 93446 949-231-0802 john.obermeyer@gail.com

Old Casteel Mark Wyatt Molly Henderson 888 Jensen Rd Paso robles, CA 93446 805-238-7776 oldcasteelvineyard@gmail.com www.facebook.com/oldcasteelvineyards Oliver/Forth Vineyard Jerry Oliver Don Forth 255 Pleasant Drive Ln Arroyo Grande, CA 93420 559-489-9359 oliver_enterprises@hotmail.com

Associates

Gold

R**abobank** 915 Highland Dr, Ste 350 Roseville, CA 5678

<u>Silver</u>

Allied Grape Growers Nat DiBudup 7030 NFruit Av, Ste 115 Fresno, CA 93711 559-276-7021 nat@alliedgrapegrowers.prg www.alliedgrapegrowers.org

Bronze

Friends







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If you use a Farm Labor Contractor: You Need to Protect Yourself

Local vineyard owners have being using farm labor contractors (FLCs) for decades for seasonal workers. FLCs are attractive because, they provide workers for pruning, maintenance, and harvesting needs. In California, FLCs including Vineyard Management Services that supplies labor must be licensed by the Labor Commissioner. Labor Code § 1683. Owners should verify that the FLC is registered with the Department of Industrial Relations at <u>http://www.dir.ca.gov/databases/dlselr/farmlic.html</u>.

However, entering into relationships with FLCs can leave vineyard owners exposed to lawsuits based on the FLC's failure to adhere to California's employment laws. Specifically, the Migrant and Seasonal Agricultural Worker Protection Act, California Wage Order 14, and the California Labor Code. Vineyard owners should require the FLC to provide you with copies of the laborers' wage and time records with each invoice or billing statement.

Vineyard owners that use FLCs, should consider relinquishing as much control as possible over the supplied workers and be very careful when negotiating wages. FLCs should supply all of the equipment necessary to complete the job; restrooms, shade, water, hoes, pruners, small picking bins, knifes, etc., not doing so may leave the vineyard owner liable as a "joint employer."

Other information to ask your FLC for:

- Certificate of Workman's Compensation Insurance
- Health, Safety and Injury Prevention Plan including the Heat Illness Prevention Plan – more information at <u>https://www.osha.gov/SLTC/heatillness/</u> index.html

Angela Mitchell Reciprocal Membership Coordinator

Have a great day!



MEMBERSHIP MESSAGE

We have started work on the 2016 IGGPRA directory! We're making several improvements to make this an even better tool and resource.

Please check your current information, both in the book and online to help us ensure that we have the current and correct listing for you.

How would you like to have a picture of your vineyard on the cover of IGGPRA's 2016 Directory. Between now and February 1, 2016, we will be accepting photographs of a members vineyard for the Directory cover. Vineyard name and date will appear on the "Table of Contents" page. So snap a photo of your vineyard featuring an activity pruning, thinning, netting, spraying, harvesting or a time of year or whatever. Be creative. Send your photos to Sharen at usaindustries@pacbell.net



NEW IGGPRA Membership Signs – \$35 per sign – reserve your new sign today! IGGPRA is pleased to announce that the new Membership Signs are now available for purchase! This new design is more impactful, registers the IGGPRA name instantly and

carries the logo that appears on our Website, newsletter and various mailings. The new sign is the essence of impactful simplicity. For those of you who are married to the old design please consider that "pretty" doesn't necessarily equate to successful communication and at normal highway speeds it is difficult to determine just what the sign represents. To purchase a new Membership Sign, contact IGGPRA President Ken Bray by emailing bray@kobravineyard.com or calling (805) 459-6075.



July 2015 Seminar Report

Thank you to everyone who attended our July Seminar. We are Looking forward to seeing everyone at our October Social at Rio Seco Winery!! Look for more information on the September 30 Seminar in your mailbox or check online!

Take an Active part in YOUR Group!

Board Elections coming up! Our members must elect 5 new Board members for the new year rom an excellent slate of nominees. We need top-notch people to continue our work on your behalf. Please consider running for the IGGPRA Board. In 2016 5 seats on the Board of Directors, are up for election. We would like members to volunteer for the Board and stand for election. The Board meets on the first Tuesday of the month and most all members have committee responsibilities in addition. Please contact any Board member if you feel inclined to take a more active role in <u>your</u> association.

San Luis Obispo County Supervisors		
• District I	Frank Mecham	fmecham@co.slo.ca.us
		805-781-5450 F: 805-781-1350
District 2	Bruce Gibson	bgibson@co.slo.ca.us
R		805-781-5450 F: 805-781-1350
• District 3	Adam Hill	<u>ahill@co.slo.ca.us</u> 805-791-5450 F: 805-781-1350
District 4	Lynn Compton	
		lcompton <u>@co.slo.ca.us</u> 805-781-5450 F: 805-781-1350
• District 5	Debbie Arnold	<u>darnold@co.slo.ca.us</u> 805-781-5450 F: 805-781-1350

WANT & Biz ADS

Grapes for Sale

5 ton Petite Syrah. Ready October 2015. \$1500 ton. Andersen Vineyard 805-466-9872 or 805-296-0428

YOU NEED NUTS? NEW CROP. ALMONDS, WALNUTS & PISTACHIOS. CALL RICHARD SAURET 805-674-1373

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LICENSED & INSURED QUALIFIED APPLICATOR #AA03773 & QL31754 CALL FOR A FREE VINEYARD EVALUATION REFERENCES AVAILABLE. WILL JOHN CELL 459-0970—FAX 237-2758 WILL@JOHNVINEYARDSAPPLICATIONS. COM

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KINMAN & CURRY

560 10th St Ste 101 Paso Robles, CA 805-238-1405 fax 805-238-4326

Got bins? Bin rental and transportation for harvest and barrels. Mowing services also available. Call Geoff for details 805.400.5645 G.R. BARR, INC PO BOX 1391 PASO ROBLES, CA 93447 (P/F) 805.400.5645

Band for Hire. We play a wide variety of classic songs. youtube; Daddy Don't You Walk so fast Highway 41 805 466 9872 or



judyandersen41@gmail.com

RS TRUCKING

Transportation Services Available for Bins, Barrels or Equipment. Fully Licensed and Insured. Services available locally or for out out of the area. Please Call or EMAIL Rich at 805-610-0413 r.shiffer98@gmail.com

NEEDED/WANTED:

Lee & Associates Real Estate Specialists Bob Fonarow 1625 Leah Way, Paso Robles 93446 805-227-4424

Want to run a vineyard? CONTRACT/RUN VINEYARD

Vic Butera would like to find someone to take over managing his vineyard [cabernet sauvignon] and his fruit trees [golden delicious apples, pears and pomegranates—for more information call Vic at 805-467-9732

Pine Firewood for Sale

Can be cut and split to size and sold by bundle(s), half cord or cord. Perfect for chimenia, fire pits and camping. Contact <u>Christina@thielst.com</u> or 805 845-2450 Oak maybe available in the Fall.

DO YOU WANT TO HELP SAVE YOUR TREES?

It's obvious our trees are stressed and suffering. Become proactive and it's likely you can steer clear of being forced into a reactive mode. What do I mean by this? Proactive by definition: "taking the initiative by acting rather than reacting to events". So get ahead of the problem that could occur rather than reacting to consequences that might otherwise be avoided. Like broken tree limbs (which can cause *more* negative consequences!) or falling trees which can be difficult to remove.

In some cases, it's already too late. We are watching our majestic old oak trees (and other much younger species too!) buckling and breaking under the pressure of drought. For most trees though, it's not too late! Take immediate action, vertical mulch and water. But very little water is needed, so please read on.

This time of year, trees are getting ready for winter. In order for them to store energy for next spring, and lessen erosion factors, they can really use healthy soil in which to do that.

Like us, all plant life requires food, water and air to be healthy. Throughout this drought moisture has been sucked out of the clay like soil so prominent in our zone. This also removes air from root zones and the soil becomes more and more compacted. Without water and air, the little organic matter that might remain cannot sustain either...microbes in organic matter are alive, so they need water and air too.

Do the following now and save your trees!



Using a steel rod, or some instrument with a pointed end, tap the rod into the ground approx. 3 - 4 feet away from the tree trunk base -- 12 inches deep. Make several small holes grouped close together in several places around the base of the tree.

Pour Black Diamond VermiCompost into each hole, then fill with water. You will need less than one bag of vermicompost and 3 to 4 gallons of water.

Black Diamond VermiCompost is produced by worms. The method we use results in a product that contains, and is verified by lab testing, an appreciative amount of living biology, which is essential to build healthy soil, break up hard clay type soils and has the capacity to absorb and retain water. It contains good amounts of Nitrate (NO3-N) and low amounts of Ammonia (NH4-N). Nutrients (NPK) and Soluble Available Nutrients is very high on the scale...it is immediate and usable plant food. Other nutrients include Phosphorus, Potassium, Magnesium, Boron, Calcium and more. It's pH is neutral, it has a very stable respiration rate, and low ash content, all qualities of high grade compost. But the vast amount of biological activity in this compost is what really enhances performance! Here is a partial list of micro-organisms you will find when you look at it under a microscope and what they do in, and for the soil and plants:

Bacteria:

keep nutrients near root zones improves water flow by binding soil particles together compete with disease-causing microbes filter and degrade pollutants as water flows through soil give soil "earthy" smell

Fungi. They are slow to grow and require undisturbed conditions to function properly and play a very important role to:

break down complex carbons

hold nutrients for later use

change soil structure by forming aggregates

Mycorrhizae fungi improve plant growth

some fungi types set traps for bad organisms and have them for lunch

other fungi decompose some pollutants and compete with plant pathogens

(continued on page 21)

DO YOU WANT TO HELP SAVE YOUR TREES? (continued from page 20) Protozoa - these include Flagellates, Amoebae and Ciliates. They work together to:

release nutrients

increase decomposition rates in organic matter provide food for other soil food web members feed on pathogens

Beneficial nematodes:

regulate populations of other soil organisms mineralize nutrients into plant available forms consume disease-causing organisms

To learn more, a well-written, short and easy to understand reference book is Soil Biology Primer published by the Soil and Water Conservation Society.

Without all the members of the Soil Food Web present, plants and trees simply don't have all that Nature has to offer, and their health, if not their very existence, can be compromised.

Once you have taken this action to add organic matter, healthy soil biology and immediately available nutrients to your tree's root zone (of course you can, and *should* give this treatment to ALL your shrubs...roses, hedges, fruit trees, etc.), and some water, let this go to work in the soil for a few days. Then water those compostfilled holes again and keep the microbes happy and alive. Once they are saturated, the qualities of worm castings are invaluable and too numerous to list here. We all know how good worm castings are anyway! Castings are sticky and covered with a mucous type material. This helps hold water and over time, together with the other biological activity, a natural action occurs...hard pack clay will actually begin binding together and aggregates will form. Larger particles will now create air spaces for roots to breathe, expand and travel, water channels are formed, moving more microbes and nutrients around in the soil...and so the Soil Food Web builds on itself and the fostering of healthy soil restoration begins.

If you simply don't have time to get the job done, we can offer you deep root compost tea treatment. The tools we use fracture the soil and instill compost tea in 4 directions with each penetration. This application is very effective, efficient and makes extra good use of water, because it is full of microbiology from the brewing process. (If you didn't read the article on compost tea previously submitted to this newsletter, you can find it on <u>www.blackdiamondvermicompost.com</u>) If you have been to the worm farm, then you have seen what changes we have made in some of our oaks and how full and dense the canopies are. Call and we'll give you a quote. You are invited anytime to visit the Black Diamond VermiCompost facility. We are proud to offer this high quality "probiotics for soil" product to our community. We believe Nature will take care of us and all that we grow, if given the opportunity. Cristy Christie - 674-0194.



IGGPRA Mission Statement

The Independent Grape Growers of the Paso Robles Area promote the growing of high quality wine grapes through education, networking and farming resources.

Our Core Beliefs

Promote sustainable agriculture, respect for our natural resources and the production of high quality wine grapes through grower education and cooperative interaction.

Provide a forum for the review of issues affecting wine grape farmers and the wine industry, as well as afford networking opportunities to grower members and associates.

Facilitate and encourage ongoing education and skills in the development of Viticulture throughout the Central Coast, via information sharing, fundraisers, seminars and other related activities.

Act as ambassadors for the overall success of the Central Coast Wine Industry, through collaboration with complimentary grower and wine associations, along with Civic and Government Offices.

"Great wines start in the vineyard"

NEWSLETTER NOTE:

- In regards to your Newsletter being emailed to you in pdf for-• mat, please note that if you do not have an email address, you will continue to receive you newsletter in this format.
- Article, insert, etc. submission deadlines/cutoff: I week after each • Social.

CAVEAT: Articles presented in this newsletter should not be construed as a recommendation by the author, IGGPRA Editor, or IGGPRA; but rather as a source of information! Hi IGGPRA Members!!

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Let's Cook

Cucumber Tomato Avocado Salad Ingredients I Ib Roma tomatoes I English cucumber

1/2 medium red onion, sliced

2 avocados, diced

2 Tbsp extra virgin olive oil or sunflower oil Juice of I medium lemon (about 2 Tbsp) ¹/₄ cup (1/2 bunch) cilantro, chopped I tsp sea salt or ³/₄ tsp table salt ¹/₈ tsp black pepper Instructions

Place chopped tomatoes, sliced cucumber, sliced red onion, diced avocado, and chopped cilantro into a large salad bowl. Drizzle with 2 Tbsp olive oil and 2 Tbsp lemon juice. Toss gently to combine. Just before serving, toss with sea salt and pepper.

Summer VegetableTian

Ingredients

- I Tbsp olive oil
- I medium yellow onion
- I tsp minced garlic
- I medium zucchini
- I medium yellow squash
- I medium potato
- I medium tomato
- I tsp dried thyme
- to taste salt & pepper
- I cup shredded Italian cheese
- .Instructions

Preheat the oven to 400 degrees. Finely dice the onion and mince the garlic. Saute both in a skillet with olive oil until softened (about five minutes).

While the onion and garlic are sauteing, thinly slice the rest of the vegetables. Spray the inside of an 8×8 square or round baking dish with non-stick spray. Spread the softened onion and garlic in the bottom of the dish. Place the thinly sliced vegetables in the baking dish vertically, in an alternating pattern. Sprinkle generously with salt, pepper, and thyme. Cover the dish with foil and bake for 30 minutes. Remove the foil, top with cheese and bake for another 15-20 minutes or until the cheese is golden brown.



6 small to medium russet potatoes
Extra virgin olive oil for rubbing
3-4 tablespoons melted butter for brushing
Sea salt and freshly ground black pepper
4 ounces shredded cheddar cheese
Nacho toppings: Sour cream, guacamole, salsa, green onions, fresh cilantro, etc. Instructions

I.Preheat the oven to 425 degrees.2.Thoroughly scrub the potatoes, pat them

dry, and rub them all over with olive oil. Bake them for 40-60 minutes or until tender when squeezed.

3.Cut the potatoes in half lengthwise and scoop out the pulp, leaving about a 1/4-inch thick rim of potato around the shells. (Keep the pulp for another use, such as mashed potatoes).

4.Brush the outside and inside of each shell with some butter and then sprinkle with some salt and freshly ground black pepper. 5.Place the potato shells, skin side up, on a baking sheet or the rack of a broiler pan. Set the oven to broil, place the pan 3-4 inches from the heat, and broil the potatoes for about 3 minutes.

6.Remove the potatoes from the oven, place them skin side down on the pan and sprinkle with cheese. Return them to the oven and broil for another 2 minutes.

7.Arrange the potato skins on heated serving dish and top with the

nacho toppings of your choice.

Enjoy!







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