



Updates-

Inside this issue:

| | |
|---|---|
| <i>Summer 2015</i> | 1 |
| <i>Welcome New</i> | 1 |
| <i>Chlorpyrifos Changes</i> | 2 |
| <i>Sluggo 4.0</i> | 2 |
| <i>Water Management and the Drought</i> | 3 |
| <i>Alion</i> | 3 |
| <i>Redox Trial</i> | 4 |
| <i>New look in Santa</i> | 5 |
| <i>Did you know?</i> | 5 |
| <i>I Am AGRX - Richard Zamora</i> | 6 |

In this month's newsletter we want to update you all on some of the articles from previous newsletters. How does the Alion trial in citrus look. How about the avocados treated with Redox products and what were those products. We also have some new employees to tell you about and a change we

are working on in the way we service you in Santa Maria. Some of you may not be aware of the changes that went into effect July 1st regarding Chlorpyrifos so please take a look at the article in this issue explaining the new regulation. We hope you enjoy this edition of the AG RX newsletter and

lets all hope that predictions are correct and there are cloudy days and rain in our future.



Chris Oliva

Welcome New Employees



Brian Lish started with AG RX on June 1, 2015 as our new Chief Operations Officer. Prior to joining AG RX Brian worked for BASF as their Business Manager, Strategic Accounts. Prior to that from 2006-2008 he was their District Business Manager responsible for California, Hawaii, Arizona, and Nevada. Prior to joining BASF Brian worked for Simplot from 1993-2006.

Brian and his wife Michelle, who is from Glendora, have been married for 23 years.

They have 5 children, 2 who are in college. In his free time Brian likes to spend time with his family, takes early morning runs and play golf. His favorite teams are the BYU Cougars, and Duke's Basketball.

Brian can be reached by email at brianl@agrx.com, at the Oxnard office at (805)487-0696 ext. 2295 or on his cell (805)432-2190.



Jack Alamillo started with AG RX on June 15, 2015 as a PCA in Santa Maria. Previously he was and Intern for AG RX, for Saticoy Lemon, and Mission Avoca-

dos. At Saticoy Lemon he worked on developing SOPs for the packing houses. At Mission Avocados he worked on the ranch in San Luis Obispo. He likes enjoys going to the beach, shooting guns, and going on adventures with his friends.

His favorite teams are the Cal Poly Mustangs, USC Trojans and the LA Dodgers.

He is looking forward to working here at AG RX

Jack can be reached by email at jacka@agrx.com and on his cell at (805)427-1397



Calendar of Events

Current Hot Topics in Avocados

Tuesday, August 4th
1pm-3pm

UC Cooperative Extension Office Auditorium
2156 Sierra Way,
SLO 93401

Wednesday,
August 5th 9am- 11am

UC Cooperative Extension Office Auditorium
669 County Square Dr.
Ventura 93003

Ventura County Fair

August 5-16

Chlorpyrifos Changes-

AG RX would like you to be aware of a new regulation that may affect you. **Effective July 1, 2015, the CDPR will designate Chlorpyrifos as a California restricted material when used in a pesticide product labeled for the production of an agricultural commodity.** The purpose of the regulation is to reduce potential human health and surface water concerns. The proposed regulation, DPR 14-002, can be viewed at <http://www.cdpr.ca.gov/docs/legbills/rulepkgs.htm>.

So what this means for you is that any product that contains Chlorpyrifos and is labeled for Agricultural Commodities only, will now at that time be a California restricted material. It can only be purchased by a certified commercial (QAL, QAC) or private applicator (PAC) or those under their direct supervision. You will need a valid California Restricted Materials permit that has been issued by the County Agricultural Commissioners (CACs) and lists the product on the permit. If you do not have a QAL, QAC or PAC to purchase the product, a Pest Control Operator like AG RX can still apply it for you however, a Restricted Materials Permit will still need to be obtained by the County Agricultural Commissioners Office. DPR will issue recommended permit conditions to the CACs within the next month, which may dictate further permit restrictions or approvals. However, mitigation measures may be amended after DPR and U.S. EPA finalize their risk assessments for Chlorpyrifos.

| | | |
|-----------------|---------------------------|------------------------------------|
| Lorsban 15G | Lorsban Advanced | Lorsban 4E |
| Lorsban 75WG | Nufos 4E | Dursban 50W in Water Soluble Packs |
| Cobalt Advanced | Drexel Chlorpyrifos 4E-AG | Stallion |
| Warhawk | Qauli-Pro Chlorpyrifos 4E | Yuma |

For more information and a complete listing of products containing Chlorpyrifos for agricultural commodities that will be restricted please go to CDPR’s website at <http://www.cdpr.ca.gov/docs/legbills/rulepkgs.htm>. Other resources you may talk to would be your local Agricultural Commissioners Office or your AG RX Pest Control Adviser.

Johnny Morse
Regulatory Compliance and Safety Director
AG RX



In our last newsletter we had an article on Slugger 4.0 Snail Bait. Here is part of the article again plus the testimonial.

SLUGGER 4.0 is a 4% Metaldehyde snail bait product that is formulated as a mini-pellet. SLUGGER 4.0 has been tested for years in field trials as well as universities and shown to be just as effective as Deadline MP’s. The fact of the matter is, they both work equally as well for they BOTH are formulated with 4% metaldehyde.....the active ingredient that kills the pests. The BIGGEST difference between the two is price point and value.....making SLUGGER 4.0 the most economical choice for your grower and the most profitable option for you. SLUGGER 4.0 is available in a blue “coated” pellet as well as a brown “uncoated” pellet. Slugger 4.0 Brown, without the coating, is a much softer and more palatable pellet that also contains the newest, most effective attractant system as well.

My name is Barat Bisabri, managing partner of Shiraz Ranch LLC in Newman California. We farm around 450 acres of citrus, including Cara Cara and blood oranges, lemons, Star Ruby grapefruit, and six different cultivars of mandarins. We have been using Slugger 4.0 snail bait for the last 2 years and are very happy with the results. We try to place the bait in a band of 2-3 inches wide about 4 feet away from the trunk of the trees. This practice allows the beneficial Decollate snails remain under the debris near the trunk of the trees, while the attractants in the bait draws out the brown garden snail out to the bait where they get toxicated by the metaldehyde in the bait. The Slugger 4.0 has very good residual efficacy and is relatively tolerant of the wash off by the sprinklers (compared to other baits). We try to make an application coinciding with any rain event in our infested blocks using the same application technique. I had issues with other bait formulation, particularly with the regard to residual or lack thereof and wash off by the sprinklers or rain. Slugger 4.0 is a good snail bait, we will continue using it, and I would recommend it to any grower with snail problems.



Water Management and the Drought

If anyone is aware of the affects of the drought, it is those of us in agriculture. All you have to do is follow any of the media outlets to see who is blaming who for the drought or our responses to it. We have seen it before and we will see it again, but it seems overly onerous this time around. Even before the drought the most common agronomic issue that I have dealt with is water, either the over, under use of it, or reduced quality for any one particular crop. So now that summer is upon us what are our options to maximize the water and quality of water we have?

Obviously each farm/crop option is going to change, but the first thing to do is to make sure your irrigation system is working efficiently. No clogged emitters or tape, correct sizing of emitters for your crop and even the correct type of emitter (drip or mini-sprinkler or fan). You might think this is obvious, but a friend of mine just went through his orchard that he was having water issues in and found about a third of his emitters were putting out two times the water the rest of his orchard was receiving. Also it may be time to run some sulfuric acid blend (like

nPhuric) to clean out the calcium bicarbonate build up in your system.

I also believe in the use of a soil moisture monitoring system. Some are as simple as Irrometers, while others are much more sophisticated with constant communication to your portable digital devices. I realize many of you want to dig holes and feel the soil. This is certainly a valid way to monitor soil moisture, but I have found that the devices that tell me the moisture at 12, 18, 24 inches are very accurate and have helped many to adjust their watering habits to make more efficient use of the water available to them.

If you are noticing your trees are not looking as vigorous as before the drought, but you have not changed how you water them, it may be time to get a current water analysis. I am finding many areas pumping harder and harder water with higher levels of boron, chloride, and sodium. It would be good to know if this is an issue and work on counteracting the effects of these elements and minerals.

Water use efficiency may be improved with a soil adjuvant, such as Integrate or Penecal, to help both pecculation and/or

dispersal of the water in the soil profile. I have found that several of these products may improve the water holding capacity of your soil and that you may get a few extra days between irrigation during the month. None of these products work with a single application and generally need to be re-applied on a monthly basis.

It will rain again. In the long term we need some decent changes here in California in favor of farming. Let's hope that happens and let all we can tell about the importance of what we do. I recently helped with a simle Public Service Announcement (PSA) regarding the drought. You might enjoy watching it. Here is link:

<https://www.youtube.com/watch?v=iChWPPndHQ8>



Dave Holden

Holden Research and Consulting

Alion Trial-

These are updated photos from the Alion trial.



Redox Trial



These trees were treated with Redox's H-85 & PeneCal this is how they look today.

Here's a brief description of the products.

H-85

What is it? A reacted plant nutrient high soluble carbon and potassium.

Note that the raw materials used for manufacturing H-85 are similar to other precuts in the marketplace. (leonardite and potassium hydroxide). Redox, however, uses a very unique process that extracts more soluble carbon— typically 30-40% more.

How does it work? H-85 increases soil microbial activity due to short, medium, and long chain carbon content.

The short and medium chain soluble carbon compounds are relatively common in the market. The long-chain soluble carbon is not common. The long chain component promotes the proliferation of more complex beneficial fungal species.

These complex species are responsible for numerous soil and plant benefit, including an increase in soil flocculation. This increase flocculation improves rooting capability.

H-85 Summary— The long chains soluble carbon (we refer to it as soluble carbon complex) is an important difference. Better rooting means more water and nutrient uptake.

PeneCal

What is it? A reacted plant nutrient high in surfactant and calcium

The manufacturing process is unique to Redox.

How does it work? PeneCal reduces surface tension of water and delivers calcium to soil micro pore space due to the reacted calcium and surfactant content.

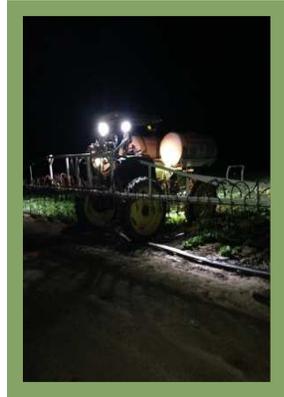
All soil surfactants reduce water surface tension (the relative attraction of water molecules to each other) PeneCal contains calcium that has been reacted with these surfactant components. Calcium is delivered to micro pore space. Micro pore space is the only area in the soil where feeder roots live. PeneCal is the only soil surfactant in the marketplace that contains reacted calcium.

PeneCal Summary— Delivery of calcium and water to feeder roots stimulates a very strong plant response, particularly to plants under water and salinity stress. The key difference is the calcium content.

New look in Santa Maria

22 years ago AGRX was formed in Oxnard with the mission in mind to provide growers with service and value. One year later we added our Goleta branch plus a retail store in Fillmore both with that same mission in mind. In 2007 we expanded again with a branch in Santa Maria with our same mission in mind. To support that mission we are currently putting together our own row crop spraying unit in Santa Maria. We look to be fully operational by this fall.

The following pictures show the progress.



Did you know?

AG RX designs and installs irrigation systems?

AG RX can work with customer on an individual basis to customize the systems to meet your needs.

Below are some examples of current projects

Customer A

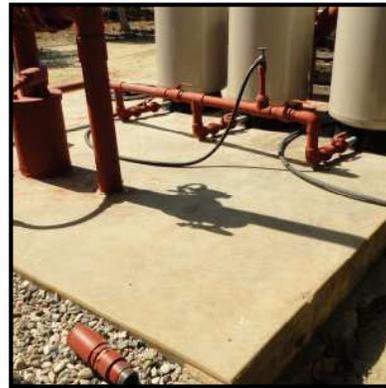
Before
→



After
→



Customer B



Visit us at any one of our locations



Visit our website!

www.agrx.com

Providing our Customers with Information, Products and Services for Quality Plant Growth in a Safe and Environmentally Sound Manner while providing a Safe and Productive Work Environment for our Employees.

OXNARD -Main Office –751 South Rose Avenue, Oxnard, CA 93030
Store (805)486-5788 Fax (805)240-1737

Store Hours: M-F: 7am-5pm Sat: 7am-12pm

FILLMORE- 186 East Telegraph Road, Fillmore, CA 93015
(805)524-2687 Fax (805)524-1412

Store Hours: M-F: 7am-4pm Sat: CLOSED

SOMIS - 3250 Somis Road, Somis, CA. 93066
(805)386-2674 Fax (805)386-1234

Store Hours: M-F: 7am-4:30pm Sat: 7am-12pm

GOLETA - 6150 Francis Botello Road, Goleta, CA. 93117
Store (805)681-1686 Fax (805)681-1689

Store Hours: M-F: 7:30 am-4:00pm Sat: CLOSED

SANTA MARIA - 609 South Depot, Santa Maria, CA. 93456
(805)925-2463 Fax (805)928-5329

Store Hours: M-F: 7am-5pm Sat: 7am-12pm

I AM AG RX– Richard Zamora



Richard Zamora is our Goleta based Fertilizer Injection Technician.

What is your background?
Automotive mechanic by trade.

How did you get started in this business?

I started working inside the Ag Rx shop on August 14, 1995. Prior to that, I was a mechanic at a local tire store in Oxnard. I was working there for about 15 years.

What are some of your greatest challenges you face in your field?

My greatest challenge is keeping up with the demand for my skills of designing, installing and repairing new injector system for our customers. I am always excited to learn new fertilizer injector systems that I may offer to our customers.

What are your favorite aspects of your job?

Every day is a new office location for me. I enjoy driving up to all the Avocado orchards and Nurseries in Ventura County and Santa Barbara County.

What are some of your interests?

When I get the opportunity, I really enjoy spending time with my family. I enjoy golfing, cooking, baking, bbq, gardening, photography and wood-working. Right now, I am personally restoring my beautiful 1964 GMC truck that's been in the family since 1977. I actually love doing all of these things. Lastly, I enjoy helping family and friends when in need.

Our customers have grown accustomed to Richard's can do attitude, there is always a solution is his philosophy. Thank you Richard for your professionalism, you are one of many that keeps the AGRX flag waving high.



Before



After



Pork Chops & Corn



Bacon wrapped scallops

