

SOUTH PLAINS HORTICULTURE



GRILIFE EXTENSION

Lubbock County Extension Office

For more information, contact christina.reid@ag.tamu.edu or call (806) 775 - 1740



From Monarch migrations to cool summer drinks and bell peppers, learn about it all in this addition of South Plains Horticulture!



Meet the Agent:

Christina Reid



- Texas A&M Agrilife Lubbock County Horticulture Agent
- Personal interests in Arboriculture, historically significant varieties, native plants and pollinators
- Serves as Advisor to Lubbock Master Gardener Association,
 Vice President of the Lubbock Memorial Arboretum, Board
 Member of Keep Lubbock Beautiful, Vice President of Parenting
 Cottage, Co-Chair of South Plains Hunger Solutions, President
 of Preston Smith PTA, Wife & Mom

Program Facts:

- Commercial Turf & Ornamental Workshop (TDA CEUs)
- · Cultivate, Cook & Create
- Lubbock Master Gardener Association Intern Program
- South Plains Horticulture Monthly Newsletter
- Smith Sprouts after school garden club

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Lubbock AgriLife Extension Horticulture Lubbock Master Gardeners







COOL OFF THIS SUMMER WITH SOME TEXAS DRINKS

UNCORKTEXASWINES.COM

RED SANGRIA

Use a Texas Tempranillo, triple sec, Texas summer fruits, and a little sugar to make this refreshing summer drink for your friends! This drink is great when paired with fried goat cheese, chorizo, and garlic shrimp.

STRAWBERRY WATERMELON FROZÉ

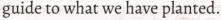
This is a sweet drink that uses frozen rosé wine, strawberries, and watermelon all muddled together. You can enjoy this drink with some bacon wrapped dates, Fredericksburg peaches, and some dark chocolate.

CUCUMBER GIN SPRITZ

The gin spritz is a cool, refreshing drink that is perfect for summer heat. Made with sparkling white wine, lime, and mint, you can enjoy this drink with many salty snacks. You can add some cucumber for added freshness.

SMITH GARDEN

The Squash and Sunflowers are booming at the Smith Star Garden! Squash and Zucchini can be found all over the garden and Pumpkins are now beginning to appear. Be on the lookout for Tomatoes, Edamame, Cucumbers, and Mint! As well, a new Smith Star Garden Website is coming soon! This website will tell viewers all about our garden history, goals, pictures, and a







FALL GARDENING FOR AUGUST

Fall gardening is picking up this month! When planning your fall garden, be sure to determine how much sunlight and water your garden is exposed to. Different fruits and vegetables require different amounts of sun and water. Choosing your plants wisely can ensure a happy garden and a happy harvest! Here are some direct seed dates for the month of August that you should be aware of:

CABBAGE AUG 1
BROCCOLI AUG 1
CUCUMBER AUG 1
MUSTARD AUG 1
COLLARDS AUG 10
CARROTS AUG 15
SWISS CHARD AUG 15





August Plant Spotlight



Milkweeds of Texas

Asclepias

There are many different types milkweed that are native to the state of Texas. Some of these types include Butterflyweed (Asclepias tuberosa). Clasping Milkweed (Asclepias amplexicaulis) and Green Milkweed (Asclepias viridis). Each variety has a different bloom shape, color, and Butterflyweed has flat, orange clusters. Green Milkweed flowers are green and white in an umbel shape. Clasping Milkweed has pink flowers in a very loose umbel shape. Not only are milkweeds the hatchery of Monarch Butterflies, they also serve an important role in attracting different types of bees and other butterflies. More information can be found at the Lady Bird Johnson Wildflower Center website. hotel the

& CREATE 2023



More about Cultivate Cook and Create 2023! In the month of July our students have been learning about food nutrition by discussing MyPlate and creating their own MyPlate representations. As well, they've been busy decorating the garden with "Garden Graffiti" signs representing all of the vegetables and herbs planted earlier in June. Some new foods have been cooked up in the kitchen! Our students have tasted melons, Zucchini, Bac Choi salads, Spinach Quesadillas, and much more. Outside, everyone has been hard at work tending to their raised bed gardens. Our students have learned about the properties of soil, hydration, pollination, pollinators, and general garden care.









HUB CITY GARDEN TOUR

Don't miss out on the 2023 HUB City Garden Tour! This event is put on through the Lubbock Master Gardener Association and will-feature gardens across the city. Participants will get the chance to learn about gardening, talk with the garden owner, and may even receive some gardening goodies! Garden tours will be held on September 3rd. Information can be found at lubbockmastergardener.org.

Visit the City Of Lubbock Solid Waste Management website to learn more about what you can recycle, where, and how mylubbock.us/solidwaste

Recycling in Lubbock













WATCH OUT FOR ELM LEAF BEETLES!

Xanthogaleruca luteola was accidentally introduced in the nineteenth century from Europe and has since attacked Cedar Elms, Lacebark Elms, American Elms, Siberian elms, and Winged Elms. Adults are 1/4 inch long with light yellow to brownish-green coloration and three lines on its back. Eggs are laid in clusters of 5-25 under leaves and are yellow in coloration. Elm leaf beetles feed exclusively on foliage and cause small, circular holes in leaves. Heavily infested trees have sparse foliage while remaining leaves are covered in holes. Consecutive infestations cause entire limbs to die which may eventually kill the tree entirely. Natural enemies include birds, toads, diseases, and parasitic wasps. Contact your local extension agent for more information on insecticides and chemical sprays. Always follow manufacturer instructions when applying chemicals.





Elm leaf beetle (Xanthogaleruca luteola)

AMERICAN HORTICULTURAL SOCIETY CHILDREN & YOUTH GARDEN SYMPOSIUM

The American Horticultural Society's Nation Children & Youth Garden Symposium educates thousands of teachers in horticulture and gardening techniques. This program exhibits multiple opportunities on educating children about social skills, bringing families together, and creating awareness about where our food comes from. The society contains information on container gardens, soil health, supporting birds, insects and pollinators, and water efficiency. For more information, please visit their website!



Fresh Food Fixin's garden

Watermelon Salad

Recipe By: whiteonricecouple.com

Ingredients:

- about 4 cups (960 ml) watermelon cubes (about 1 inch cubes)
- 3 Tablespoons (45 ml) olive oil
- zest 1 medium lemon
- 1 Tablespoon (15 ml) lemon juice
- 1/4 cup (60 ml) fresh mint, oregano, basil leaves, parsley or dill, chopped (reserve a few whole leaves
- 4 ounces (113 g) feta cheese (approximately)
- 3 cups (60 g) fresh arugula (about 4oz-113g or 720ml)
- freshly ground black pepper
- kosher salt to taste, optional

Directions:

- In large bowl combine olive oil, lemon zest, lemon juice and mint (or herbs or choice). Stir to combine.
- Add watermelon chunks and gently stir to coat the dressing in the watermelon.
- Add feta cheese, arugula, black pepper. Gently toss to combine all ingredients. Taste for seasoning and add salt if needed. Serve chilled

Chimichurri Grilled Zucchini

Recipe By: Dinner Tonight

Ingredients:

Chimichurri Sauce

- 1/2 cup red onion diced
- 2 jalapeno peppers deseeded and diced
- 1 Tablespoon garlic cloves chopped
- 1 cup <u>parsley</u> Stems Removed and chopped
- 1/2 cup cilantro leaves Stems Removed and chopped
- 1 Tablespoon Tablespoon Italian Seasoning
- 1/2 teaspoon red pepper flakes
- 1/3 cup fresh lime juice
- 1/4 cup apple cider vinegar
- 1 Tablespoon olive oil

Zucchini

- 3 large zucchini cut half length wise strips
- 1/2 cup reduced fat parmesan cheese

Directions:

- 1. Wash your hands and sanitize all surfaced
- 2. Wash and prepare ingredients
- 3. Combine the ingredients for the chimichurri sauce in a large bowl and set aside
- 1. Prepare zucchini, slice into uniform strips so they grill evenly.
- 2. Heat up grill and spray with oil
- 3. Add sliced zucchini to your chimichurri sauce and mix well.
- 4. Place zucchini on grill and cook until tender
- 5. Remove from heat and top with parmesan cheese
- 6. Serve and enjoy



TO HAVE YOUR FAVORITE GARDEN RECIPER FEATURED IN OUR NEXT NEWSLETTER, PLEASE EMAIL US AT CHRISTINA.REID@AG.TAMU.EDU

Zucchini Chowder

Recipe By Dinner tonight

Ingredients:

- olive oil spray
- 4 slices low sodium turkey bacon
- T cup <u>yellow onion</u> diced
- 1/2 cup carrot diced
- 1/2 cup celery diced
- 2 cups russet potato with skin, diced
- 1 Tablespoon dried thyme
- 4 cups Low Sodium Vegetable Broth
- · I cup zucchini with skin, diced
- 1 cup yellow squash with skin, diced
- 2 cups unsalted sweet yellow corn drained
- Toup whole milk
- 1 teaspoon kosher salt
- 1 teaspoon pepper
- 1 Tablespoon parsley minced for garnish

1 Lightly coat the bottom of a pot with olive oil spray,

2 Add the turkey bacon and cook until crispy. Remove the bacon from the pan and drain on a paper towel. Once the bacon has cooled coarsely chop, and set aside

3 Add the onion, carrots, celery, and salt to the pot Stir. occasionally until vegetables are tender

4 Add potatoes, thyme, and broth to the pot. Stir and cover. Bring to a slight boil, then let simmer for about 8 minutes or until the potatoes are partly tender.

5 Add in the zucchini, corn, and remaining salt and pepper. Continue to simmer for 8 to 10 minutes or until all vegetables are

6 Transfer two cups of the soup into a blender or food processor Puree until smooth. Stir the mixture back into the pot

7 Add the bacon and milk. Simmer until just heated through 8 Garnish with minced fresh parsley

Salsa Verde

Recipe By: Path to the Plate

Ingredients:

10 tomatillos

1-2 serrano peppers

1/2 bunch fresh cilantro

salt to taste

Directions:

Wash and dry tomatillos and serrano peppers. Place on a cookie sheet and broil in the oven on low heat. You can also roast on a griddle or BBQ grill.

Turn tomatillos and peppers consistently so they do not

burn, but let them get a rich brown color.

Place tomatillos and peppers in a blender or food processor. Process to a chunky texture. Add fresh cilantro and blend again.





Fresh Food Fixin's

What to make with your garden fresh produce



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Creamy Peach Icebox Cake

Recipe By: southernliving.com Ingredients:

- 2 (10 3/4-oz.) frozen pound cakes, thawed
- 1 (10-oz.) jar peach preserves, divided
- 1 quart vanilla ice cream, slightly softened
- 1 cup heavy cream
- 1/2 teaspoon vanilla extract
- 3 tablespoons powdered sugar
- 1 cup peeled fresh peach slices



Directions:

- 1. Trim brown crusts from pound cakes using a serrated knife. will have 18 to 24 slices.) Line bottom and sides of a 9- x 5on sides. Place 1 tablespoon of the preserves in a microwavable bowl, chill until ready to use
- 2. Arrange 6 to 8 cake slices, side by side, to cover bottom of pan in 1 layer (trimming slices, if needed, to fully cover bottom). Spread 2 cups ice cream over cake layer to edges of pan. Spread half of the remaining preserves (about 1/3 cup) evenly over ice cream layer. Repeat process with 6 to 8 remaining cake slices (trimming if needed), and remaining ice creamand preserves. Arrange last 6 to 8 cake slices over preserves layer. Pull plastic wrap overhang up and tightly over cake Freeze 8 hours
- speed until foamy, 30 seconds. Gradually add powdered sugar, beating until stiff peaks form, 1 to 2 minutes.
- 4. Remove cake from freezer. Holding the plastic wrap overhang, lift cake from pan; invert onto a platter. (Discard plastic wrap.) Spread whipped cream over cake.
- melted and smooth, 10 to 15 seconds; mash large lumps with a spoon. Gently stir in peach slices to coat. Spoon mixture over cake; serve immediately.

Aguas Frescas Cucumber & Lime

Recipe By: Dinner Tonight

Ingredients:

- 2 medium <u>Cucumbers</u> peeled and sliced
- 5 cups water divided
- 1 <u>Lime with peel</u> wedged
- 1 cup <u>lce</u>

Directions:

Combine cucumbers with 3 cups of water in blender until liquefied

Using a strainer over the mouth of a 2 quart pitcher, pour half of cucumber mixture slowly to strain the liquid

Add the wedges of a lime to the other half of cucumber mixture in blender. Blend together for a few seconds until chopped up into medium pieces. **Note: Blending the lime longer or into smaller pieces may give a bitter taste.

Pour the remaining mixture over strainer

Add 2 cups of water and ice into the pitcher and stir well Serve or store in refrigerator up to 2 days.

Best Sourdough Zucchini Bread

Butter, for coating the pan

2 cups (220 g) grated zucchini, from appx, 1 medium zucchini,

105 a bangang walnahad with the aline on Jaharit Languitte. Recipe By theclevercarrot.com Z cups (ZZU 9) grated zuechini, from appx, i medium zuechini 125 g banana weighed with the skin on (about 1 small banana) 225 g banana weighed with the skin on dark brown super 125 g banana weighed with the skin on labout I small bank 1225 g (11/4 cups lightly packed) light or dark brown sugar 11-len arra vanilla extract Butter, for coating the pan 2 large eggs 100 g (appx 1/2 cup) <u>sourdough discard</u> OR bubbly, active <u>sourdough starter</u> 250g (2 cups) all-purpose flour Ingredients

- 11/2 tsp pure vanilla extract
- 250g 2 cups all purpose flour
- 1 tsp cinnamon
- 1/8 tsp nutmeg

- 11/2 tsp baking soda
- 1/4 tsp fine sea salt
- 1/4 tsp fine sea salt 125 ml (½ cup) neutral flavored oil like sunflower (mild olive oil works, too) 60 ml (1/4 cup) milk or unsweetened almond milk
- rections.

 Threheat the oven to 360 F. Lightly coat (2 or 3) 7 x 3 x 2 mint loaf pans or (1) 9 x 5 inch loaf pans. Threheat the oven to 360 F. Lightly coat (2 or 3) 7 x 3 x 2 mint loaf pans inslead of 3 will you get you slightly taller loaves. No need to with butter. Note: Using 2 mint loaf pans inslead of 3 will you get you slightly taller loaves. No need to need to a box grater grate the zucchini on an angle on the side with largest holes. You are a box grater grate the zucchini on an angle on the side with largest holes. You are a box grater. Sot aside.

 2 Using a box grater. Sot aside.

 drain out the excess water. Sot aside. drain out the excess water. Sot aside

 3 Add the banana, sugar, and vanilla to a large mixing bowl. Cream with a hand held mixer or

 3 Add the banana, sugar, and vanilla to a large mixing bowl. Seconds to 1 minute isome small un

 stand mixer fitted with the paddle attachment, about 30 seconds to 1 minute. Add the banana, sugar, and vanilla to a large mixing bowl. Cream with a hand held mixer or stand mixer fitted with the paddle attachment, about 30 seconds to 1 minute (some small lumps of banana are okay). stand mixer fitted with the paddle attachment, about 30 seconds to 1 minute (some small remperature) of banana are okay).

 of banana are okay).

 4 Add the eggs, one at a time until fully incorporated. Add the sourdough starter.

 4 Add the eggs, one at a time until fully incorporated and salt-together in a separate bowl. Working in the banana bread will be 5 sift the flour, cinnamon, nutmeg, baking soda, and salt-together in a separate banana bread will be 5 sift the flour, cinnamon, nutmeg, baking soda, and Do not over do it; the banana fine dealth of the banana mixture.

 5 sift the flour, cinnamon, until just combined but not runny. Add more flour if needed, for the banana mixture, batches, and and milk and mix until just combined but not runny. Add more flour if needed, for the banana bread with the banana bread with the banana are supplied to the banana bread with Add the oil and milk and mix until just combined. Do not over do it, the banana bread will be tough The texture should be thick and pourable, but not runny. Add more flour if needed, fold in the grated zucchin.

 The provide batter into the prepared panis. For 2 mini loaf pans, fill about 3.4s full for 2 mini loaf pans.

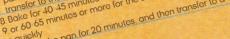
 - In the grated zuechini.

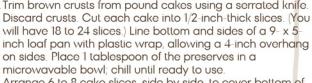
 7. Pour the batter into the prepared pan's). For 2 mini loaf pans, fill about 3/4's full. For 3 mini loaf pans fill about 2/3's full (these loaves will not be as high). Place onto a baking sheet and pans, fill about 2/3's full (these loaves will not be as high). Place onto a baking sheet and transfer to the oven. pans, fill about 2/3's full (these loaves will not be as high). Place onto a baking sneet and transfer to the oven.

 Iransfer to the oven.

 B alke for 40.45 minutes for the 2 mini loaf pans (about 30.35 minutes if using 3 mini pans).

 9 or 60.65 minutes or more for the standard 9 x 5 inch pan. Cover with foil if the loaf browns or 60 for 60.65 minutes or more for the standard 9 x 5 inch pan. so quickly I Cool in the pan for 20 minutes, and then transfer to a wire rack to cool completely





- 3. Beat cream and vanilla extract with an electric mixer on high
- 5 Melt reserved 1 tablespoon preserves on HIGH until just

Cheesy Zucchini Ravioli with Roasted Tomatoes Recipe By: foodnetwork.com

Ingredients:

cucchinis (about 3 pounds) alt and freshly ground black pepper in plum tomatoes (about 3 pounds), halved crosswise and

2 teaspoons Italian seasoning 2 tablespoons extra-virgin olive oil, plus more for drizzling 1 cup whole-milk ricotta (about 10 ounces)

1 cup shredded mozzarella (about 8 ounces) 1 ounce herbed goat cheese Zest of 1/2 lemon plus juice of 1 lemon

4 cups baby arugula

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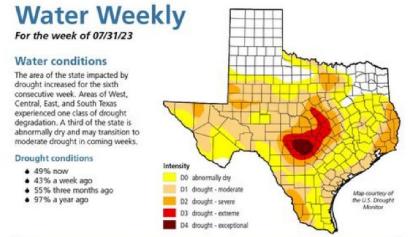






DROP OF LIFE







DRIP IRIGATION

Drip irrigation if one of many irrigation techniques utilized in a home or landscaping setting. Drip irrigation allows for more precise application of water in the root zone of plants. Because of this precise application, it can help reduce the amount of water that evaporates from the soil which conserves this precious resource.



Like all irrigation techniques, some maintenance is require. To reduce clogs, its best to put your drip irrigation above ground where you can easily access it. Drip irrigation can be placed in gardens, hedgerows, flowerbeds, and along trees.



Scheduling your irrigation is essential for conserving water while also giving your landscape a drink. Drip irrigation scheduling is key to happy plants. To find a schedule that works best for you, you can visit www.watermyyard.org.

THE GREAT MONARCH MIGRATION



Did you know Monarch Butterflies migrate?

Monarch Butterflies can be found across North and South American. They migrate from warm overwintering sites, such as Mexico, to more temperate locations that can be thousands of miles away. Now that's a long flight! Depending on the destination, it may take multiple generations of these butterflies to complete the round-trip journey. Generally, the annual spring and summer migration overlaps with most of Texas. In the fall, the majority of the butterflies will converge in north central Texas before continuing on their journey. During overwintering, monarchs form vast clumps that can be seen hanging off of tree branches as they hunker down and keep warm!







Spotting a Monarch Butterfly

Chances are, you've seen a monarch butterfly and caterpillar. Monarch eggs are laid singly on milkweed leaves by the parent butterfly and the eggs are light green and round in shape with a pointed end. When the caterpillars first hatch, they are small and white with black heads. As they mature, they begin to form the iconic black, yellow, and white stripes as well as form black tails on both ends. During the Pupae stage, the monarch is encased in a green chrysalis with a trim of black and yellow dots. You can find these chrysalises anywhere! After some time, the butterfly will break free from the chrysalis home and look like the spectacular orange, black, and white butterflies we know and love!



EARTH-KIND LANDSCAPING



What is Earth-Kind Landscaping?

Earth-Kind Landscaping is a research proven technique that helps homeowners and landscapers alike conserve water, fertilizer, and energy.



How does it conserve water?

Earth-Kind Landscaping encourages low volume irrigation practices as well as the use of mulching in a landscape. Drip irrigation causes less evaporation of water into the air or from the soil as it provides water directly to the root zone.

Mulching further prevents evaporation from the soil while also keeping your soil at a stable temperature.

How does it conserve fertilizer?

Earth-Kind Landscaping utilizes both organic and inorganic landscaping elements. Turf grass heavy landscapes require large amounts of fertilizers that can run into groundwater, streams, and lakes. Earth-Kind Landscaping doesn't mean "no grass allowed" though! Areas of turf grass can be broken by rock fixtures, lawn art, and flowerbeds. These elements reduce the amount of fertilizer needed for your landscaping.

How does it conserve energy?

Earth-Kind Landscaping can help keep your house cool and the energy required for upkeep low. By placing windbreaks or landscape elements that provide shade, your landscaping can help keep your home cool. By reducing the amount of turf grass, your landscaping will need less mowing. Carefully choosing plants can also prevent yearly replacements and may lead to a self sustaining landscape.





in Texas and both are "hot" ingredients in dishes all over the world. Red bell peppers could be called the full-grown bell peppers, because they are picked later than other bell peppers. They often have a sweet taste. Yellow peppers are picked in the middle of their growing time and are in between green and red bell peppers on how ripe they get. Yellow bell peppers lack the sour taste green peppers sometimes have.



DID YOU KNOW?

source for this vitamin.

FUN FACT

Bell peppers were given the name "peppers" by Christopher Columbus looking for "peppercorn" to make



- 3. East Texas
- - 8. Rio Grande Valley





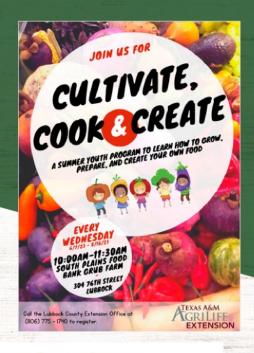


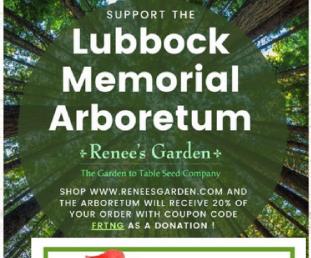


GET INVOLVED











Unique Lubbock Gardens SUNDAY, SEPT. 3 # 1-6 pm Scan for tickets Garden Tour happens, rain or shine! \$20/person; children 12 & under - free NOUT BETENBOUGH HOMES

First Saturday Service Mornings:



COME OUT TO THE ROOTS GARDEN ON THE FIRST SATURDAY MORNING OF THE MONTH AND PICK YOUR OWN PRODUCE AND/OR A BOUQUET OF FLOWERS FOR FREE. WE HAVE SEEDS, PLANTS, GARDEN TOOLS IF YOU WOULD LIKE TO WORK AND LEARN ALONGSIDE US!

COME CONNECT WITH NEIGHBORS AND LEARN ABOUT THE GARDEN.

third friday evening pop-up market

5:30-7 PM

COME OUT TO THE ROOTS GARDEN ON THE THIRD FRIDAY NIGHT OF THE MONTH AND PICK YOUR OWN PRODUCE FOR FREE. WE WILL HAVE MUSIC; GAMES FOR THE KIDS; RECIPE DEMONSTRATIONS; AND SOME PRODUCE WASHED AND READY TO PURCHASE.

WE LOOK FORWARD TO GROWING WITH YOU!







A PARTNERSHIP PROJECT OF:



Cheesy Zucchini Ravioli with Roasted Tomatoes Continued

Recipe By: foodnetwork.com

Instructions:

Preheat the oven to 435 degrees F. Use a vegetable peeler to make ribbons from the entire length of each zucchini. Lie the ribbons flat on a baking sheet and season with salt. Let the ribbons sit fro 10 minutes and then pat them dry with a paper towel.

Put the tomatoes in a large bowl and toss with Italian seasoning, I this of olive oil, I tsp of salt, and black pepper to taste, arrange the tomatoes cut side down in a baking dish. Bake until the tomatoes are soft to the touch, about 25 minutes.

Mix the ricotta mozzarella, goat cheese, lemon zest, 1 tsp of salt, and black pepper to taste in a medium bowl. Lay out two zucchini ribbons lengthwise and two zucchini ribbons crosswise. Spoon a heaping tablespoon of the cheese mixture into the middle and tightly fold the zucchini ribbon one at a time alternating between the lengthwise and the crosswise. Drizzle the remaining tablespoon of olive oil and season to taste. Put the zucchini packs on top of the roasted tomatoes and bake until zucchini is soft and cheese is melted.

Toss the arugula with lemon juice and divide among 4 plates. Spoon tomatoes and zucchini onto plates and drizzle with olive oil.

CONTACT US

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