Feb 2024



President's Patch

By President Kevin Johnson

February is upon us. We had the early snow, and then more snow, and more snow, now dropping to colder temperatures. I have three thermometers set up around my house and using Acurite equipment. One on back fence, one in front yard and one in our greenhouse. The main one currently reads -3.8F, greenhouse -3.8F and the front yard 14.1F. This is kind of an unofficial unintentional experiment that the back fence and front yard are receiving direct sun, and the greenhouse indirect.

With the snow covering of the front yard gauge, it's also buried in a foot of snow and next to a block retaining wall, it is almost 18 degrees warmer. Now this makes sense as the block absorbs heat from the sun and snow provides insulation. We have some of our best flowers, if saved from the Palmer wind, on that side of the house. Next year I might place a gauge in the front garden bed as it is blocked from direct sun and snow cover, but

is not next to the house.

Membership..... We are looking for new members. As a reminder you DO NOT HAVE TO BE A MASTER GARDENER to belong to the MMGA. I signed up a new member last month and she had thought about joining, but when it came to the question on the registration form, date/location of class, she figured she had to be a member. I chatted with her for about 30 minutes, and I saw her membership form come through. I am now ALSO a Palmer Historical Society member, trade off. We ended the year I believe with membership 10% higher than the year before. That is a great increase. Talk to your gardening friends about membership. At the meetings we have speakers, demonstrations, hands-on events, and learn a lot about flowers, soil and more in the Valley. We also organize events at the Rebarchek Farm on the State Fair grounds, and clean and plant at the Palmer Veterans and Pioneers Home. Your membership dollars support many things.

Our gardens, especially the front garden, has been invaded with a purple flower. At first I pulled them, figuring they were weeds. Then I did not get out to weed for about three weeks, and a purple flower started to bloom. I used my application on my Android (yes, plug intended) called PictureThis, and it's identified as a Johnny Jump Up. I have no idea how it got there and all I can figure is there were some small plants in a pot or other container purchased from a nursery. This is now year three with them. Now, I selectively pull the ones I want. And yes they are a weed, because the unofficial definition of a weed is a plant located where you don't want it. My neighbor down the street must love dandelions as they have a complete yellow yard compared to my green yard.

PictureThis is a great application as we are between beginning and intermediate gardeners. I can grow flowers, water, fertilize etc., but this spring I'll be advancing to intermediate, as I will be growing many plants from seed. With PictureThis, I save the plants I like and will use the list to purchase seeds. I have many containers to start plants as I accumulated them all summer and fall from various bins that store containers to recycle. Some of the locations are Kens Garden Center, Home Depot, Lowes (limited), Valley Recycling Center, and found many free on Facebook marketplace. I will be washing them out in the spring prior to use.

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REGULAR MEETINGS FIRST MONDAY OF THE MONTH

Next meeting

FEBRUARY 5, 7:00 P.M. LOCATION: MATANUSKA EXPERIMENT FARM AND EXTENSION CENTER, KERTTULA HALL, K208 (***NOTE ROOM CHANGE***) 1509 S GEORGESON DR, PALMER AGENDA 7:00 TO 7:30 PM BUSINESS MEETING 7:30 GUEST SPEAKER

AGRABILITY AND ARTHRITIS, WITH JULIE CASCIO SEE PAGE 6 FOR MORE DETAILS

My motto for spring will be finish the INSIDE of the greenhouse: laying 2x6 for walkway, crushed rock for under the tables, electrical and water (garden hose through back wall).

The committees for MMGA are looking for people to either head them up or participate. Look for the committees list and join - many hands make little work for all.

PEASANT'S PERSPECTIVE:

BY CURT MUELLER, MASTER GARDENER - PHOTOS BY THE AUTHOR

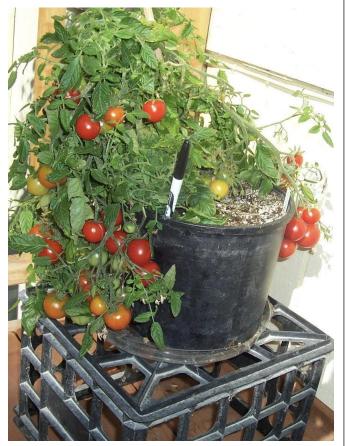
The peasant has a story to tell. It is more than fifty years old, but still holds a lesson for today. The story is told in first person.

Marge and I lived in Anchorage and were good friends with a couple who had lived in various places around the world. He was from Germany, and she was from Switzerland. They had lived in China for a time and a good part of their lives in South Africa where they worked and gardened. They decided to retire and move to Alaska and lived near us in a trailer court. Marge and I subsequently bought a house with a large back yard, part of which had a good-sized garden.

We made good use of the garden, and I built a small greenhouse from salvaged lumber and polyethylene film. Tomatoes were planted in the greenhouse, and we were thrilled to get a few ripe ones but mostly small green ones. greenhouse was overfilled The with vegetation, and I was quite proud that we could grow tomatoes in Alaska's climate. When our world-travelled friends came to visit, I couldn't wait to show them my tomatoes. He looked at them and said, "That's good, but you gotta trim the feathers off."

Feathers? Feathers? Oh! He must mean the shoots that grow between the main stem and the side branches. They are fuzzy when they come out and could be described as feathers. This was before the days of master gardeners; that program began a couple of years later, but the next year I began to trim the feathers off and was pleased with the results. No more overcrowded greenhouse and more ripe tomatoes of a good size. Since then, we've used varying techniques such as allowing an additional stem to grow and/or cutting the top of the main stem to keep the height down or allowing a feather to grow out enough to make a cutting.

Indeed, this does apply today with indeterminate tomato plants. Indeterminate tomatoes will grow until you quit pampering them and frost kills the plant. Determinate varieties do not set side shoots once they begin to bloom, and fruit is set pretty much all at once and the plant stops growing once the fruit has ripened. Accompanying photos show a plant of each type. Thanks, folks.



This is an example of a determinate tomato plant. The variety is Polar Baby, and it has been grown outdoors against a south facing wall. The pen is for scale. It is typical for determinate tomatoes to ripen fruit over a fairly short time period. This variety has tasty fruit and will produce outdoors even in unfavorable summers. The Muellers have been growing these for a number of years and are very pleased with them. A south facing wall with a light background and full sun is the best situation.

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This photo shows a side shoot on an indeterminate tomato plant. The main stem is to the right. The shoot will be cut and grown into a new plant. Growing a plant from a cutting is a fast way to get a new plant. This example already has buds at the top. A thick stem on the cutting is desirable as it is filled with moisture and will help keep down wilting as the cutting is rooted.

Newsletter Deb Blaylock Eva Cohnen-Brown Website Manager **Guest Speakers** Jenny Weaver Dorte Mobley Membership Directory **Rebarchek Farm Project** Isaac Vaughan **Annual Plant Sale** Palmer Veterans & Pioneers Home Planting & TBD Midsummer Garden & Art Faire Summer Garden Tours **Dorte Mobley** Alaska State Fair Awards **Deb Blaylock** State Fair Parade Nomination Committee 2024 Christmas Party Meeting Space/Equipment Jenny Weaver Coordinator

We rely on volunteers to run our committees and activities. Please consider one of the committees, activities, or board positions. Most committees or activities are something which can be as little as two or three hours to accomplish – some are a bit more involved but so rewarding to be involved in. See the Standing Rules for detailed information on what each committee involves.

2024 COOK INLET TREE SEEDLING SALE

We are excited to kick off our 2024 tree seedling sale. The store will open Jan 22, 2024 Link to Sale Site: <u>https://forestry.org/store/seedling-sale.html</u> Please send all correspondence to treesalecisaf@gmail.com and check this webpage: <u>https://forestry.org/cook-inlet-seedling-sale/</u> for seedling sale updates. To receive notices and updates about our 2024 seedling sale, join our mailing list. The seedling distribution date at all sites will be Saturday, May 18th, 2024, from 10 a.m. to 2 p.m. at the following location: Matsu Location - Wasilla Sportsman Warehouse, 1901 E Parks Hwy, Wasilla, AK 99654

2024 Committee Volunteers

MAT-SU Master Gardener Newsletter

A Recap of Greg Kalal's Potato Presentation by Jenny Weaver, Association Secretary



We began the 2024 Master Gardeners' season with an outstanding presentation from one of our own members, Greg Kalal. Greg is a potato grower who lives in Anchorage and operates a farm in Trapper Creek. Greg came to Alaska with the US Army. Enamored with the state, he stayed in Alaska after his years of service and purchased land in Trapper Creek. When 80 acres became available next to his property, through the land grant act, Greg decided to protect his homestead and buy the land. He was unaware of the stipulation that he must produce a viable crop on that same property within five years.

With typical acidic Valley soil registering 3.6 pH, Greg soon discovered that potatoes were in his future. He spent a couple of years clearing the land. He befriended employees at the Mat-Su Cooperative Extension Service and began his foray into becoming a premiere certified Alaskan seed potato grower.

With enthusiasm and wit, Greg shared his knowledge of potatoes. Through the course

of his presentation, he shared all aspects of potato growing. Did you know that potatoes grow from the stem of the potato and not the root as many imagine? Greg stressed the importance of using only certified seed potatoes for your crop - not potatoes from your local grocer, not potatoes from last year's crop. Use ONLY certified seed potatoes.

Through a process called chitting, utilize a small portion of each seed potato to begin. Cut pieces about the size of a hen's egg, 1-2 oz. Locate the stem end (it has a small innie) and the eye end and ensure that you have a couple eyes for each piece. In between each potato you cut, use alcohol to sterilize your knife. It isn't necessary to allow time for the cuts to skin over. Alaska's cooler climate and soil temperatures help prevent bacterial growth, but it is helpful to push your potatoes out of dormancy by allowing their eyes to begin to grow. Use an LED light (no sunlight or incandescent) and heat to break dormancy. Emphasis on heat.

To plant your chitted potatoes, make rows in your garden by forming a trench 6-8" deep. This helps alleviate tall mountains when you later hill your plants. Greg recommends a 10-20-20 fertilizer to sow your potatoes (available from AK Mill and Feed): 2 lbs. for a 25' row. Spread fertilizer in your trench, mix with a little bit of soil so that when you lay down your seed, it doesn't actually touch the fertilizer. Plant a seed every foot. Cover the potatoes with 2-3" of soil.

Soil temperature is the biggest factor that determines when your plants will emerge. So, the long-standing Valley mantra, "plant on May 31^{st} ," may not be helpful. You can plant whenever you want to, but plants won't emerge until the soil temperature reaches 50° F.

Determinate or indeterminate? It doesn't matter, potatoes don't grow like tomatoes.

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Mound or don't mound? MOUND your potatoes! Begin when plants reach six inches high and continue to mound your crop as they grow. You can mound with soil, leaf mulch, or straw. Just mound!

Potatoes require 1" of water a week, but don't like wet "feet." Pay attention to the weather when you water. Sandy soil that drains well is ideal. Blossoms, which should appear in late July, indicate you have potatoes. Once you have blossoms, you can fertilize your crop a couple more times during the season; 16-16-16 or 8-8-8 formulas are both good. Potatoes prefer less nitrogen, so go easy.

Scab result from bacteria in your soil and occur when the pH is raised. If you use wood ash, be careful of the pH. If you have scab, you won't get rid of it. Change the location where you plant.

When should you harvest your potatoes? Wait until after the first freeze, when your plants have fallen over and have been dead for a couple of weeks. Do not wash your potatoes, it allows moisture in the eye "sockets" and increases the chance of mold. Hand clean to remove the majority of the dirt. Allow potatoes to dry for a week on racks, for increased circulation, in a warm setting of 50-60 degrees. When dry, rub the potatoes gently, while wearing soft work gloves, to remove the remaining dirt.

For storage, potatoes like 37°F degrees. Air circulation increases their longevity and they do well in high humidity. Don't eat green potatoes!

Greg recommended a number of potato varieties to grow, including Santina, Cal White, German Butterball. For the reds he noted Chieftan and Red Pontiac. He has had success with both Magic Molly and Magic Myrna.

Many thanks to Greg for his presentation and this detailed information.

A link to the list of seed potato varieties that Greg grows:

https://www.matsumastergardeners.com/u ploads/2/7/3/9/2739768/greg_kalal_seed_p otatoes_2023.pdf

A few links to the potatoes with ancestry linked directly to South American origins:

https://bcfoodhistory.ca/haida-potatoes/

https://www.fs.usda.gov/detail/tongass/ho me/?cid=FSEPRD962818

https://www.sitkawild.org/tlingithaida_pota toes

Links to several UAF-CES Publications on potatoes:

https://www.uaf.edu/ces/publications/data base/food/growing-potatoes.php

https://www.uaf.edu/ces/publications/data base/food/greening-of-potatoes.php

A neat trick to sift your compost - submitted by Master Gardener Dorte Mobley



Minutes from January 8, 2024 Meeting submitted by Secretary Georgiana Gooch

Members present:

Georgiana Gooch, David Thompson, Ken Blaylock, Deb Blaylock, Theresa Phillips, Dawn Wolski, Curt Mueller, Kristina Tornquist, Isaac Vaughan, Marge Mueller, Greg Kalal, Eva Cohnen-Brown, Jenny Weaver, Todd Weaver, Pearl Weaver, Kevin Johnson, and Craig Lisonbee. Guests present: Allison Fiscus.

Meeting opened at 7:05 pm

Kevin Johnson passed out the agenda for tonight's meeting.

Kevin advised that the Treasurer's Report will be in the February newsletter.

Ken Blaylock motioned to approve November minutes. Dawn Wolski seconded the motion. Motion passed.

Ken Blaylock motioned to accept the December minutes. Deb Blaylock seconded the motion. Motion passed.

Georgiana Gooch motioned to strike the speaker presentations from the minutes. Kristina Tornquist seconded the motion. Discussion as to who would take notes from the speaker's presentation for the newsletter. Jenny Weaver volunteered to take the notes and prepare for the newsletter. Motion passed.

Cathy Crew will look into the interest rates for putting some of our money into a savings account versus keeping it in the checking account.

Kevin Johnson mentioned that we have several committees that need volunteers. There were some volunteers. Kevin Johnson wrote down the names of the volunteers as follows:

Dorte Mobley.....Garden Tour Dorte Mobley.....Membership Flyer Isaac Vaughan.....Rebarchek Jenny Weaver.....Meeting Speakers Jenny Weaver.....Meeting Location

Reminder that everyone who wants to be a member and get their name included in the membership directory needs to pay their membership fees no later than February 5, 2024.

There was a correction on the agenda: The next meeting will be Monday February 5, 2024, at 7:00 p.m. in the Experiment Farm, Blue Room (instead of the green room).

Jenny will double check with the Experiment Farm to ensure that we are still scheduled to hold our regular monthly meetings at the Experiment Farm through May of this year. Afterwards, we will be holding our meetings at the Rebarchek Farm. The meetings at Rebarchek will be held in the new cabin they have built on the farm.

Update on speakers we have lined up: We are open for ideas/suggestions on speaker presentations. Give your ideas/suggestions to Jenny Weaver.

Following the meeting, we will have a presentation by Greg Kalal of Trapper Creek on Growing Novelty Potatoes.

Meeting adjourned at 7:25 pm

February 5th Guest Speaker

During our next monthly meeting, Julie Cascio, Home, Health, and Family Development Agent with the Cooperative Extension Service in Palmer, will speak on "AgrAbility and Arthritis." If you go online and search this topic, you will discover a wealth of information provided by extension services across the nation. Are you plagued by aches and pains at the end of your gardening day? Who isn't? Julie will speak on a variety of issues including how to modify gardening tasks, garden options, ergonomic tools, and exercise. Come join us for this informative session. The meeting will be held upstairs in room K208 at our Extension Service office. Thanks to Marge Mueller for this speaker recommendation.

MAT-SU Master Gardener Newsletter



Matanuska Experiment Farm and Extension Center March/April Integrated Pest Management Classes



March 21, 2024 Winter tree identification including identifying some invasive trees and shrub w/Gino Graziano

Winter tree identification can be done on trees of all sizes by examining their dormant buds. We will show pictures and talk about the descriptions of the most common trees in Alaska, and a few of the invasive trees too.

April 16, 2024 Backyard Pollinators w/Alexandria Wenninger

Join us to learn more about the pollinators in your backyard. We'll cover some of the lifestyles of bees as well as how to recognize some of our common bees and other pollinators in Alaska. We'll also cover some ways to attract pollinators and how to be good pollinator stewards in your own gardens.



Go to our Facebook, Instagram or website to register https://www.facebook.com/matanuskaexperimentfarm/ https://www.uaf.edu/ces/districts/matsu/

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Accommodation requests related to a disability should be made five business days in advance to Theresa Isaac at 907-745-3360 or tmisaac@alaska.edu. Language access services, such as interpretation or translation of vital information, will be provided free of charge to limited English proficient individuals upon request to tmisaac@alaska.edu. UAF is an Affirmative Action/Equal Opportunity employer, educational institution and provider and prohibits illegal discrimination against any individual. www.alaska.edu/nondiscrimination.

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Favorite Seed Companies or Seed Catalogs

Here's a list of our favorite seed companies and catalogs:

Adaptive Seeds: <u>https://www.adaptiveseeds.com/</u>

Baker Creek Heirloom Seeds: <u>https://www.rareseeds.com/</u>

Best Cool Seeds aka Denali Seed Company (Founded in Alaska by an Alaskan): <u>https://www.bestcoolseeds.com/</u>

Ed Hume Garden Seeds: <u>https://www.humeseeds.com/</u>

Eden Brothers: <u>https://www.edenbrothers.com/</u>

Fedco Seeds: <u>https://www.fedcoseeds.com/</u>

Foundroot (Alaska company): <u>https://www.foundroot.com/</u>

High Mowing Organic Seeds: <u>https://www.highmowingseeds.com/</u>

Hudson Valley Seed Co: https://hudsonvalleyseed.com/

Johnny's Selected Seeds: <u>https://www.johnnyseeds.com/</u>

Park Seed Company: <u>https://parkseed.com/</u>

Peaceful Valley Farm & Garden Supply: <u>https://www.groworganic.com/</u>

Pinetree Garden Seeds: <u>https://www.superseeds.com/</u>

Renee's Garden Seeds: <u>https://www.reneesgarden.com/</u>

Richters Herbs: <u>https://www.richters.com/</u>

Seed Savers Exchange Heirloom Seeds: <u>https://www.seedsavers.org/</u>

Seeds and Soil Farm - Palmer (Alaska company): <u>https://seedsandsoilorganics.com/</u>

Seeds N Such: <u>https://seedsnsuch.com/</u>

Strictly Medicinal Seeds: <u>https://strictlymedicinalseeds.com/</u>

Territorial Seed Company: <u>http://www.territorialseed.com/</u>

True Leaf Market: <u>https://www.trueleafmarket.com/</u>

Veseys (Canada & US): <u>https://www.veseys.com/</u>

Victory Seeds: <u>https://www.victoryseeds.com/</u>

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Peony Convention

March 9th, 2024

Guest speakers: Carol & David Adelman of Adelman's Peony Gardens, Salem Oregon and Nick Maycher founder of Prairie Peonies Display Gardens, Edmonton Canada

2222 East Tudor Rd Anchorage, Ak from 9am - 4pm \$30 entry fee which Includes lunch if registered by February 29, 2024

Scan the QR code below.





Sponsored by: Alaska Peony Society

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Garden Links (updated November 2023)

Alaska Botanical Garden http://www.alaskabg.org/

Alaska Center for Conservation Science http://aknhp.uaa.alaska.edu/botany/

Alaska Community Forestry **New Dec 2023** https://forestry.alaska.gov/community/index

Arbor Day Foundation www.arborday.org

Alaska Division of Agriculture http://dnr.alaska.gov/ag/

Alaska Garden Clubs http://www.alaskagardenclubs.org

Alaska Grown http://www.buyalaskagrown.com/

Alaska Master Gardeners Association, Anchorage http://alaskamastergardeners.org/

Alaska Native Plant Society http://www.aknps.org/

Alaska Non-Native Species List https://accs.uaa.alaska.edu/invasive-species/non-native-plantspecies-list/

Alaska Orchid Society http://www.akorchid.org/

Alaska Peony Society https://www.alaskapeonysociety.com/

Alaska Pioneer Fruit Growers Association http://www.apfga.org/

Alaska Plant Materials Center http://plants.alaska.gov/

Alaska Rhodiola https://www.akroseroot.com /

Alaska Rock Garden Society http://www.akrockgardensociety.org/

Flora of North America http://floranorthamerica.org/

Good Earth Garden School https://www.goodearthgardenschool.com/

Georgeson Botanical Garden https://georgesonbotanicalgarden.org/

Integrated Pest Management Program http://www.uaf.edu/ces/ipm/

IPM Alaska Pest Reporter https://plw.man.mybluehost.me/

Junior Master Gardener http://www.jmgkids.us/

Landscape Plants for Alaska https://visionplusapps.com/alaska-plants/ Mat-Su Borough Rain Garden Program http://www.matsugov.us/environment/raingardens

Mat-Su Master Gardener Website www.matsumastergardeners.com

Master Gardener Research Link (Extension) https://extension.org/search/

Master Gardeners of the Tanana Valley https://fairbanksmastergardeners.wordpress.com/

Mat-Su/Copper River Cooperative Extension Service https://www.uaf.edu/ces/districts/matsu/

Matanuska Experiment Farm and Extension Services https://www.uaf.edu/afes/places/palmer/

Palmer Soil & Water Conservation District http://palmersoilandwater.org/

Society of American Foresters, Cook Inlet Chapter https://forestry.org/cook-inlet-seedling-sale/

South-Central Alaska Beekeepers Assoc. http://www.sababeekeepers.com/

Southeast Alaska Master Gardeners Association http://seak-mastergardeners.org/index.html

Sustainable Agriculture – UAF https://www.uaf.edu/ces/agriculture/sare/

UAF Cooperative Extension Service https://www.uaf.edu/ces/

UAF Cooperative Extension Service Publications http://www.uaf.edu/ces/pubs/catalog/

UAF CES Citizen Pest Monitoring Portal https://pestreporter.alaska.edu/

UAF Herbarium http://www.uaf.edu/museum/collections/herb/

UAF Alaska Master Gardener Program https://www.uaf.edu/ces/garden/mastergardeners/

University of Saskatchewan Fruit Program www.fruit.usask.ca

USDA/NRCS Plant Database https://plants.usda.gov/home

Wildflower Garden Club of Alaska https://wildflowergardenclub.org/



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CLUB CONTACT INFO

President: Vice President: Secretary: Treasurer: Member at Large: Kevin Johnson Jenny Weaver Jana Gooch Cathy Crew Deb Blaylock 907 775 2808 907-982-5446 907 746-2891 907-632-4401 907-746-6045

If you have gardening news, photos, or information you would like to share in the <u>newsletter</u>, please send to the MMGA email.

Website: www.matsumastergardeners.com/ Email: matsumastergardeners@gmail.com

CALENDAR OF EVENTS

FEBRUARY 2024 AND BEYOND

Feb 5, Palmer, Regular Meeting, Julie Cascio, AgrAbility and Arthritis

Feb 23 – Apr 5, Palmer, Organic Gardening, https://www.goodearthgardenschool.com/ Mar 4, Palmer, Regular Meeting, Cec Ellsworth, Coir and High Tunnels Successes and Failures (Previously scheduled for Feb 5) Mar 9, Anchorage, Peony Convention Apr 1, Palmer, Regular Meeting May 6, Palmer, Regular Meeting Jun 1, Palmer, Annual Plant Sale Jun 10, Palmer, Regular Meeting Sep 9, Palmer, Regular Meeting Oct 7, Palmer, Regular Meeting Nov 4, Palmer, Annual Meeting/Elections Dec TBD, Palmer, Christmas Party

Don't forget to check out the photos tab on our webpage! Eva updates it periodically from activities our Association participates in.

https://www.matsumastergardeners.com/photos.html

It's time to renew your membership! You can renew by printing out and mailing in a 2024 membership form. You can also renew online by completing the online form and submitting your payment online using the convenient credit/debit card option. <u>www.matsumastergardeners.com</u> - look for the Membership Application tab.

Club Membership

The membership year runs from January to December each year. Annual individual memberships are \$15 and family memberships are \$20. Family memberships are only for family members living in the same household. The deadline to join is **February 5, 2024**, to be listed in the annual membership directory. Join or renew online.

Thank you!

How and What to Submit for the Monthly Newsletter

Your submissions are appreciated and make our newsletter what it is - so do not be shy about submitting items for publication.

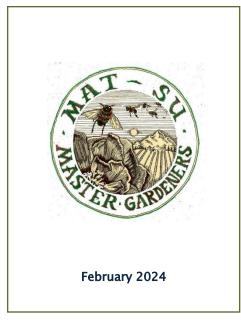
However, there are a few rules which we all must pay attention to:

Articles, stories, poetry, upcoming events, and pictures (garden-related) are needed for inclusion in the newsletter. Please submit pictures in JPEG format and other items in Word format with no special formatting other than paragraphs. When submitting pictures, please provide a brief caption or explanation as to who or what is in the picture.

If you are not the author or photographer, please ensure you have permission of the author or photographer to use their material in the newsletter. The newsletter publisher is not responsible for obtaining this for you.

Please do not provide magazine articles or pictures from the internet unless they are public domain items.

Deadline for submission of articles and info: 20^{th} day of each month ~~ Thank you~~



Website: www.matsumastergardeners.com/ Email: matsumastergardeners@gmail.com

> MAT-SU MASTER GARDENERS ASSOCIATION PO BOX 598 PALMER, AK 99645

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