



President's Patch

By President Dorte Mobley

4 Days! That is how many "non-rain-at-all" days I have had here at my house since middle to end of July. It made me think of a song by Rod Stewart, called Ten days of rain. I was not 100% sure of how many days, so I googled "Songs about rain". Oh wow! There are a lot of songs about rain. "Here Comes the Rain Again" is way more appropriate than "I Wish It Would Rain" (that was the early summer song!). Now it is more like "Fool in The Rain" and "Raindrops Keep Falling on my Head" when I decide I must do something outside. I still must give a total overhaul to the one flower bed but when the dirt is as wet, as it is, that is not really a fun job. I did drag a whole cartful of plant material into the garage to clean up the clumps of lilies and alliums so I can re-plant them if Mother Nature will let me. I also dug up my big pot of Oriental lilies to check on them after some of them froze last spring. Well, they were HUGE. I did not know lily bulbs would get that big. I have seen a begonia corm that a lady brought to a Valley Garden Club meeting that was the size of a small plate, so I knew about those, but there are four lily bulbs that were big orange or grapefruit sized. Pretty impressive.

My silly emu wanders around in the rain all day — I let him get access to the whole back yard so he could help with picking the berries, that I was not getting to. But wandering around in the rain also makes for a wet bird when it is time to sleep, so I already have had to cover him up with towel and blanket so he could stay warm. He really likes to get a warm blanket put on him, and he snuggles right in with it.

Well, it is not raining this minute, so I had better get out there and get more stuff ready for win***. No, I cannot say it. How about getting more stuff done outside to look more organized. That sounds better, I think.

Oh, by the way – I have been asking several people if they are interested in being on the board next year and I am hoping we will see some fresh faces there. We will find out more in November when we have elections. Please let me know if you are interested in helping the club continue to thrive.

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REGULAR MEETINGS
FIRST MONDAY OF THE MONTH
NEXT GENERAL MEETING
MONDAY OCT 3RD, 7 PM
LOCATION:

MATANUSKA EXPERIMENT FARM, 1509 S.
GEORGESON DR, MESS HALL BUILDING, PALMER, AK

MEETING AGENDA:
BUSINESS MEETING: 7:00 PM
ACTIVITY/GUEST SPEAKER: 7:30 PM

WILL CRINER WILL BE TALKING ABOUT BULBS AND OVERWINTERING THE GARDEN

WILL CRINER IS THE CURRENT GARDEN AND FACILITIES

MANAGER AT THE ALASKA BOTANICAL GARDEN. HE

HAS BEEN WITH ABG FOR 9 SEASONS. HE HAS A

HORTICULTURE DEGREE FROM MURRAY STATE

UNIVERSITY IN KENTUCKY AND HAS WORKED IN

VARIOUS DISCIPLINES OF HORTICULTURE FOR THE LAST

17 YEARS.

PEASANT'S PERSPECTIVE: BY CURT MUELLER, MASTER GARDENER

PHOTO BY THE AUTHOR

It wasn't just yesterday, was it? that we enjoyed the vernal equinox and the rapidly lengthening days? Now it's the other side of the cycle. At the autumnal equinox the days are shortening so quickly we can't help but think about the coming winter and the dark days of December. But perish the somber thoughts. There is much to be enjoyed before the spring equinox comes around again.

Our overcast skies are holding off a frost, the land is in beautiful fall color, we're reaping our harvests and getting things stored. Maybe we can go for a few weeks without mowing lawns or shoveling snow.

Our friend and mentor Steve Brown has been seriously ill, and the peasant speaks for all of us in wishing him a speedy and full healing process. Steve, if you read this, we'll be happy when you can return to taking care of business. We miss you and your knowledge and good humor.

Storing carrots in slightly moist sand is a good way to preserve their quality. the peasant carefully layers them in clean sand, placing them so they don't touch one another. Five-gallon buckets work well. The full buckets are placed in the potato bin. The carrots keep until May or a bit later; mostly they get used up by then.

The peasant had a friend who lived near Anchor Point. He had built a structure over his well and insulated it with two feet of sawdust, a plentiful commodity for him as he worked at a sawmill, which was also a source for rough sawn lumber. The peasant visited him once in midsummer and he showed how he stored carrots in sand on shelves in his well house. The carrots were from the previous year and were in good condition. The well house stayed at a low temperature year-round, facilitating vegetable storage as well as keeping his water system from freezing.

The peasant's bur oak show signs the leaves are turning color, but mostly they are still very green. The peasant drove by the bur oak at the MEA arboretum and most of the leaves had already turned color. The peasant's bur oak was about two weeks later to leaf out than the one at MEA. The peasant attributed the variation to his tree being not quite fully acclimated and the

difference in elevation at the two sites. The peasant's tree made good growth during summer, and it is expected to be better acclimatized with no tip dieback next spring.

Good luck with your fall chores and thank you folks.



Peasant's bur oak as of October 20, 2022. Some leaves are beginning to show color The tree is very healthy and is expected to begin growing through the netting next year. The protruding growth will be protected from moose with Plantskydd. Mothballs will protect the bottom trunk from voles or rabbits. Bur oaks are attractive to the deer family, as evidenced by an unprotected one grown by the peasant's daughter. The moose did a number on it, but it survived although severely set back and misshapen.

DIRT: BY ISAAC VAUGHAN, MASTER GARDENER

Dirt - or rather soil - is one of the most principal factors in gardening. Especially in Alaska, our gardens will eventually need amended and/or fertilized by means of adding an improver such as chemical fertilizer, organic fertilizer, compost, leaf mold, sand, perlite, etc. In this article, I will explore the methods of soil improvement and their effectiveness.

Most importantly, soil needs to provide the nourishment to plant. This accomplished through dissolved nutrients in the water. Poor soil with enough fertilizer can grow a plant, but rich, loamy soil will do a much better job. In addition to the primary and secondary nutrients normally provided in fertilizer and already available in the soil, the plant needs many other nutrients in tiny amounts. These are normally provided in compost, leaf mold, or manure. A plant also needs a medium with a texture that can provide air and water to its roots. Normally, the best texture of soil is spongy and crumbly. Of course, this depends on the plants to be grown. Eventually, as we know, the soil will wear out and become plain old dirt. It will puddle and run off when watered, and not retain fertilizer for as long. This is where amending comes in.

Since I have not been gardening long enough to have tried many of the amending methods and materials, I will focus on the ones I have tried. I will begin with manure: Since our family has a sizable number of both rabbits and chickens, this material in in no short supply. Chicken manure is especially rich in nitrogen, enough to burn plants when applied directly. Chicken manure is also a major source of salmonella, so it should be thoroughly sterilized (short, hot composting) or aged before adding to the vegetable garden. Although both these methods reduce the potency as a fertilizer, it will still contain

a fair amount of nitrogen, but not much phosphorus or potassium. On the other hand, rabbit manure not only has a sizable amount of nitrogen, but also has phosphates and potassium (absorbed from their urine), making it a good, all-around fertilizer. Although rabbit manure has far less potency than chicken manure, it also has far fewer pathogens and does not smell as bad. Since it is in hard pellet form, it is easier and cleaner than chicken manure in collecting and distributing.

And for other amendments, I have tried leaf mold, old potting soil, sand, gravel, perlite, shredded leaves, and wood chips. I do not exactly recommend the mineral ingredients because they will displace organic matter and make for a heavier soil. Instead, add coarse compost from wood chips. The only other materials worth mentioning would be leaf mold and potting soil; shredded leaves look messy and wood chips take a long time to decompose.

Lastly, I will provide an idea for a lawn built on bad soil: Top dress no more than a half inch a year (dispersed over the entire season) with leaf mold, compost, potting soil, or garden soil. The grass will eventually grow up through the new, more fertile layer, providing itself deeper roots and a more suitable grow zone.



September 2022 MMGA Meeting Minutes

Submitted by Isaac Vaughan, Secretary

Present: Marge and Curt Mueller, Ken and Deb Blaylock, Kristina Tornqvist, Sue Glenn, Craig Lisonbee, Isaac and Amielyn Vaughan, Bonnie Hager, Eva Cohnen Brown, Cathy Crew, Susie Hayes

Meeting is called to order by Kristina Tornqvist as Dorte Mobley is at home sick.

Meeting agenda is approved; motioned by Sue Glenn, seconded by Craig Lisonbee

Previous meeting minutes: Correction: We did not run out of membership forms; we did not have any... Nobody signed up. Deb Blaylock motioned to approve; Ken Blaylock seconded

Treasurer's report: Cathy added a \$500 line item for the insurance to the budget as we needed a number. Deb Blaylock motions to approve, Craig Lisonbee seconds.

Plant sale gets put to bed, Deb Blaylock motions, Ken Blaylock seconds

Palmer Plantings: All good! Sue Glenn provided info on that.

Mid-Summer Garden and Art Faire: As all may know, we refrained attendance, they wanted nonprofits to pay. Our complaint got lost in town hall turmoil, a new letter was sent, and we have not received a reply as of Monday, 9/12/22.

Rebarchek: Michael Kircher not present for report: all comments informal.

Sutton garden tour not satisfactory, as few people showed up.

MMGA has mailed out \$600 in awards for the fair.

Christmas party: Marge Mueller volunteers to arrange.

We need a nomination for the nomination committee. Dorte Mobley and Kristina Tornqvist are done. Next election is in November. If nobody wants to take the initiative to lead, the Mat-Su Master Gardeners will cease to exist.

Speakers: Will Criner is planned to speak about bulbs in October. Since November is the budget and election meeting, there is normally no speaker, as with December and the Christmas party.

Steve Brown is in the hospital for an aneurism... He is on the mend, and "If he behaves himself, he should be out later this week." -Eva

Pavilion may be reserved for the plant sale, Deb Blaylock asked Dorte Mobley to send that in.

Ken Blaylock motions to adjourn, Sue Glenn seconds.

The meeting was followed by a potluck with dishes provided by members. Several of the recipes can be found on page 5.

2023 Committee Volunteers

Monthly Newsletter - Deb Blaylock

Website Manager - Eva Cohnen-Brown?

Guest speakers -

Membership Directory -

Rebarchek Farm Project -

Annual Plant Sale -

Palmer Library & Pioneer Home planting

Midsummer Garden & Art Faire -

Summer Garden Tours -

Alaska State Fair awards -

State Fair Parade -

Nominations Committee -

2023 Christmas Party -

If you would like to volunteer for a committee for 2023, please send an email to matsumastergardeners@gmail.com. Let us know the committee you would like to help with. You can also let a board member know at our next meeting. We are a small group and all contributions to our association are greatly appreciated!

Red Cabbage Casserole

Submitted by Marge Mueller

Ingredients:

- 1 tablespoon shortening
- 8 cups shredded cabbage
- 1 medium onion, chopped
- 1/2 cup either lemon juice or vinegar
- 1/4 cup sugar
- 1 tsp salt
- 1 to 2 medium apples, chopped
- 1/4 cup currant jelly

Directions:

In Dutch oven, melt shortening. Add cabbage, onion lemon juice/vinegar, sugar and salt. Cover and cook over medium heat for 10 to 15 minutes. Add apples and cook 10 to 15 minutes more. Stir in jelly.

8 to 10 servings



Internet photo

Sue's Roasted Vegetable Soup

Submitted by Sue Glenn

Guidelines for soup there are so many variations and no cookie cutter recipe.

Preheat oven to 420 degrees, spray large cookie sheet with edges.

Select mostly root vegetables to be used, great for using up the end of produce and things that are less than perfect. Cut dense vegetables into smaller pieces 1-2 inches and other vegetables such as bell peppers and onions in larger wedges.

Place all your cut up vegetables in large bowl, pour generous amount of olive oil on vegetables and mix well to coat all vegetables in oil. Pour vegetables on to large cookie sheet evenly spread; if too many use a second cookie sheet, do not overcrowd vegetables. Sprinkle with ground pepper if desired.

Place in oven for 25 mins, remove and flip vegetables over and return to oven for 20 more mins.

In mean time start heating a stock pot with about 1 1/2 quarts of stock, I use chicken. Place hot roasted vegetables in stock continue to heat up and test for softness of vegetables. Once desired softness cool for a bit and the use immersion blender to purée. You may add any seasoning you wish.

I also have added cooked pasta, quinoa, frozen shredded zucchini or cut up frozen cabbage for more texture after purée.

Soup freezes well.



Matanuska Experiment Farm and Extension Center

Watch our Facebook and Instagram page as well as our website for additional info & registration links!

https://www.facebook.com/matanuskaexperimentfarm/ https://www.facebook.com/MatsuExtension https://www.uaf.edu/ces/districts/matsu/

Watch Walkabout Wednesday
September 21 at 2:15 with Ann Jodie
Harvesting Potatoes
also details about the
MEFEC Annual Potato Harvest
including when registration will open.

Thursday, September 22, Noon
The Use of Drones In Alaska Agriculture
Zoom Only: register at https://alaska.zoom.us/j/85672710851

Watch our Facebook Page for detailed information regarding upcoming classes to include:

- Live soil test sampling in the Community Garden
- Spark Day Series on Energy
- Health & Nutrition Classes

The University of Alaska is an affirmative action/equal opportunity employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/nondiscrimination.

The University of Alaska Fairbanks Matanuska Experiment Farm and Extension Center strives to make our programs accessible for all individuals. If you or a family member who is attending a program needs accommodations to participate, please contact our office 5 days in advance to request services.

This will give us the opportunity to provide assistance you require. (907)745-3360 or email Theresa Isaac tmisaac@alaska.edu

2023 Mat Su Master Gardener Association Standing Rules First Draft, October 2022

Annual review:

The Board shall review these standing rules annually in September for presentation to the membership at the October meeting. The proposed standing rules will be published in the October newsletter for review by group members. The membership will vote on the new standing rules at the November annual meeting.

Amendments:

These Standing Rules may be amended by a majority of members present at a regular meeting after having been presented by the Board.

Dues:

Yearly dues are \$15 for each member or \$20 for a household (more than one member in same household) membership and are payable by December 1 for the following calendar year. If dues are paid by January 15, the member will be listed in the membership directory (if they agree.)

Expenditures:

The Board, at its discretion, can spend up to \$100 per event/activity without vote of the membership for non-budgeted expenses for workshops, projects, and supplies. There shall be maintained in the checking/savings accounts enough monies to fund the yearly budget. Reimbursed expenses are only paid from receipts submitted to the Treasurer within 45 days of expense. Any purchases must be in the approved budget or pre-approved by the Board for up to \$100.

Plant sale:

All Mat-Su Master Gardener Association members who have joined or renewed their membership AND signed up to participate in the plant sale by the May meeting can participate in the plant sale. The Association will provide the members signed up for the plant sale with yellow labels for prices and white labels for plant names at the April and May meetings.

Standing Committees:

Newsletter - The committee shall prepare the monthly newsletter and send it to the webmaster to post it online and send an email with a link to the web page. This committee will also send out emails and other notices to Association members and interested parties on various club activities and as requested by the Association. Members without email will get a newsletter mailed to them after they provide the Board with their mailing address.

Rebarcheck Farm - The committee will make recommendations and submit plans to the MMGA members for approval and participation.

Parade participation - The committee shall arrange to sign the Association up for parades if requested by the membership, and for a float to be made if so desired. The committee will coordinate workdays and a location to build the float if needed.

Palmer Veterans and Pioneers Home (PVPH) and Palmer Library Planting - The committee shall buy plants in accordance with the Association's budget and arrange for a planting date for the PVPH to be announced to the members. If soil in beds needs amending the committee will arrange for amendments to be donated or purchased. The Association traditionally does the Palmer Library on the first Monday in June. The committee will coordinate a weeding schedule with Association members which will be published in the newsletter and on the website.

Plant Sale - The committee shall:

- 1. The Board of Directors usually the President will arrange for the Palmer Downtown Pavilion a year in advance.
- 2. Arrange for supplies and advertising.
- 3. Pick up and hang the Association's plant sale signage on fences around Palmer. Also pick up the large sign to hang up on the Pavilion the day of the plant sale.
- 4. Provide sign-up sheet for sellers at the April and May meetings.

- 5. Send reminders to members to save boxes for the plant sale.
- 6. Get table and chairs from the CES office.
- 7. Oversee operation on the day of sale.
- 8. Tally yellow plant price labels and assist the Treasurer in tallying cash receipts.
- 9. Arrange with Treasurer for checks to be written to selling members.
- 10. Give yellow plant labels back to selling members.

State Fair - The committee shall coordinate with the State Fair Flower and Crops Department Superintendents on which division and class the Association will sponsor for each year's Alaska State Fair. At the conclusion of the Fair, the committee chair will coordinate with the Superintendent to get the winner's name and address for each of the prizes to be awarded. These will be forwarded to the Treasurer who will mail out checks. The treasurer will purchase gift cards and deliver them to the Alaska State Fair representative for delivery to winners. The Board decides how much to give for each prize.

There are fourteen prizes: seven first entry winners and seven second entry winners in the following divisions/classes (total \$800 budget estimate):

Crops Department

Veg Heads	Division 16, Class 01, Junior (ages 6-12), first place	\$ 50
Veg Heads	Division 16, Class 02, Junior (ages 13-17), first place	\$ 50
Veg Heads	Division 16, Class 03, Open, first place winner	\$ 50
Veg Heads	Division 16, Class 04, Classroom, Elementary only, first place	\$100
wers Department		
Trees & Shrubs	Division 5 Champion	\$ 50
Collections	Division 10 Champion	\$ 50
Artistic Design	Division 13, Class 4, Fair theme design, first place winner	\$ 50
	Veg Heads Veg Heads Veg Heads wers Department Trees & Shrubs Collections	Veg HeadsDivision 16, Class 02, Junior (ages 13-17), first placeVeg HeadsDivision 16, Class 03, Open, first place winnerVeg HeadsDivision 16, Class 04, Classroom, Elementary only, first placewers DepartmentTrees & ShrubsDivision 5 ChampionCollectionsDivision 10 Champion

Summer Garden Tour - The committee shall arrange for garden tour/events that may occur on dates other than monthly meeting dates, announce the dates at the meeting and submit the information for inclusion in the newsletter the month before the event.

Webmaster - The webmaster shall keep the Mat Su Master Gardener web site up to date with Association activities and information. The Planting Committee Chair will provide a summer weeding and watering schedule to the webmaster to post on the website for members to sign up.

Membership Directory - The committee shall compile, format, submit for printing and arrange distributing the annual yearbook to members only.

Scholarship/Grant Committee – The committee will promote the MMGA Scholarship and Grant program, review applications and present qualified applicants to the membership for funding approval.

Midsummer Garden and Art Faire – Coordinate with the Palmer Midsummer Garden and Art Faire committee. Gather volunteers to help set up and take down the booth and staff the booth throughout the Faire.

Guest Speakers/Meeting Space Coordinator for September through November and January through May meetings - Coordinate to provide educational presentations for regular meetings. Determine any requirements the speakers may need – i.e., computer or audio-visual equipment. Coordinate with the UAF-CES folks if audio-visual equipment is needed and/or a Zoom meeting. If Zoom meetings are being held, get the Zoom meeting information to the speaker. Coordinate meeting space (if needed) for regular 2022 meetings.

2022 State Master Gardener Conference — The conference chair will establish committees in preparation of the conference. At a minimum, the following committees are needed: Location Coordinator, Vendor Coordinator, Schedule Coordinator, Speaker Coordinator, Advertising Coordinator, Donation Coordinator, Food and Refreshment Coordinator, Audio Visual Equipment Coordinator and any other committees deemed necessary. The committee will establish a conference theme, date and time, location, budget, and fees.

If there are no volunteers to coordinate any committee, the project or committee will not be completed for 2022.

These are the draft 2023 MMGA Standing Rules. There are some changes/deletions already noted. Please review and let us know either by email (matsumastergardeners@gmail.com) or at the October meeting of any thing which needs to be corrected/updated/deleted/added. Thank you!

Garden Links (updated Apr 2022)

Alaska Botanical Garden

http://www.alaskabg.org/

Alaska Center for Conservation Science

http://aknhp.uaa.alaska.edu/botany/

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 Master Gardener Blog

https://alaskamastergardener.community.uaf.edu/

Alaska Native Plant Society

http://www.aknps.org/

Alaska Orchid Society

http://www.akorchid.org/

Alaska Peony Society

<u> https://www.alaskapeonysociety.com/</u>

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/

Good Earth Garden School

http://ellenvandevisse.com/

Grow Palmer

http://growpalmer.org/

Georgeson Botanical Garden *New*

https://georgesonbotanicalgarden.org/

Integrated Pest Management Program

http://www.uaf.edu/ces/ipm/

Junior Master Gardener

http://www.jmgkids.us/

Landscape Plants for Alaska

www.alaskaplants.org

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)

http://search.extension.org

Master Gardeners of the Tanana Valley

https://fairbanksmastergardeners.wordpress.com/

Matanuska Experiment Farm and Extension Services

https://www.uaf.edu/afes/places/palmer/

Palmer Soil & Water Conservation

http://palmersoilandwater.org/

Society of American Foresters, Cook Inlet Chapter

https://forestrv.org/alaska/

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 Georgeson Botanical Garden

http://www.georgesonbotanicalgarden.org/

UAF Herbarium

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

UAF Alaska Master Gardener Program

https://www.uaf.edu/ces/garden/mastergardeners/

UAF School of Natural Resources & Extension

http://www.uaf.edu/snre/

University of Saskatchewan Fruit Program

www.fruit.usask.ca

USDA/NRCS Plant Database

https://plants.sc.egov.usda.gov/

CLUB CONTACT INFO

President: Dorte Mobley 907-232-5422 Vice President: Kristina Tornqvist 907-795-6393 Secretary: Isaac Vaughan dnavon@msn.com

Treasurer: Cathy Crew 907-632-4401 Member at Large: Sue Glenn 907-671-0252

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

SEPTEMBER 2022 AND BEYOND

Oct 3, Palmer, Regular Meeting, Will Criner, Alaska Botanical Garden, Bulbs and Overwintering the Garden Nov 7, Palmer, Annual Meeting Dec 5, Palmer, Christmas Party

Do not 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

Membership renewal for 2023 is now available on the website!

Renewal is simple - complete the online form and then submit your membership dues using a debit or credit card - all on our website:

https://www.matsumastergardeners.com/onlin e-membership-application.html

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 January 15, 2022, 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~~









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

