



Friends School of Minnesota
1365 Englewood Avenue
Saint Paul, MN 55104

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Friends School
OF MINNESOTA

FREE
catalog

Friends School
Plant Sale

May 12, 13, 14, 2023

Mothers Day Weekend

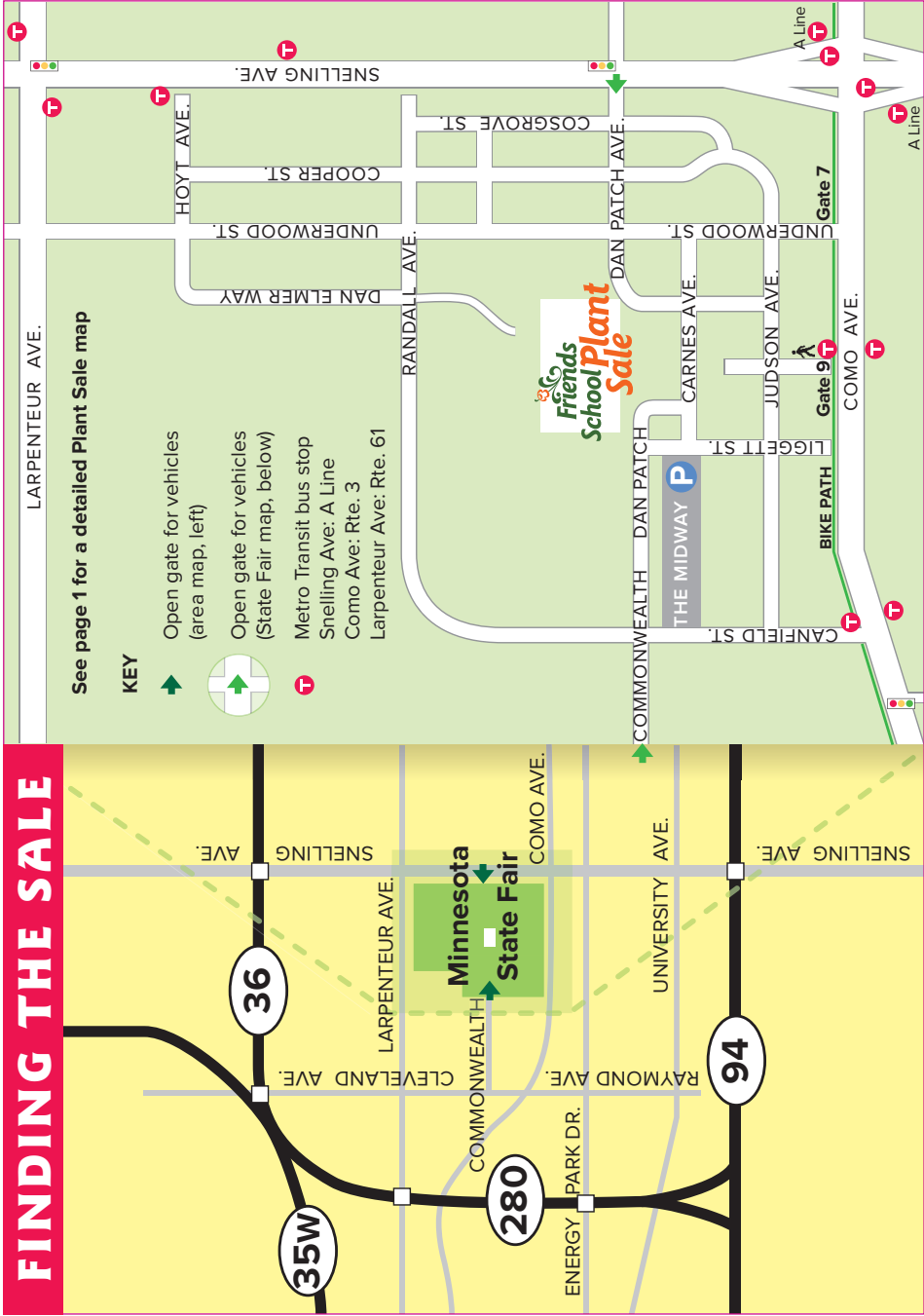
Minnesota State Fair

Grandstand

Free Admission

www.FriendsSchoolPlantSale.com





34th Annual Friends School Plant Sale

May 12, 13, and 14, 2023

Friday 9:00 A.M.—8:00 P.M. • Saturday 10:00 A.M.—6:00 P.M.

Sunday remaining plants one-third off 10:00 A.M.—2:00 P.M.

At the Minnesota State Fair Grandstand • Free admission • Free parking

www.FriendsSchoolPlantSale.com

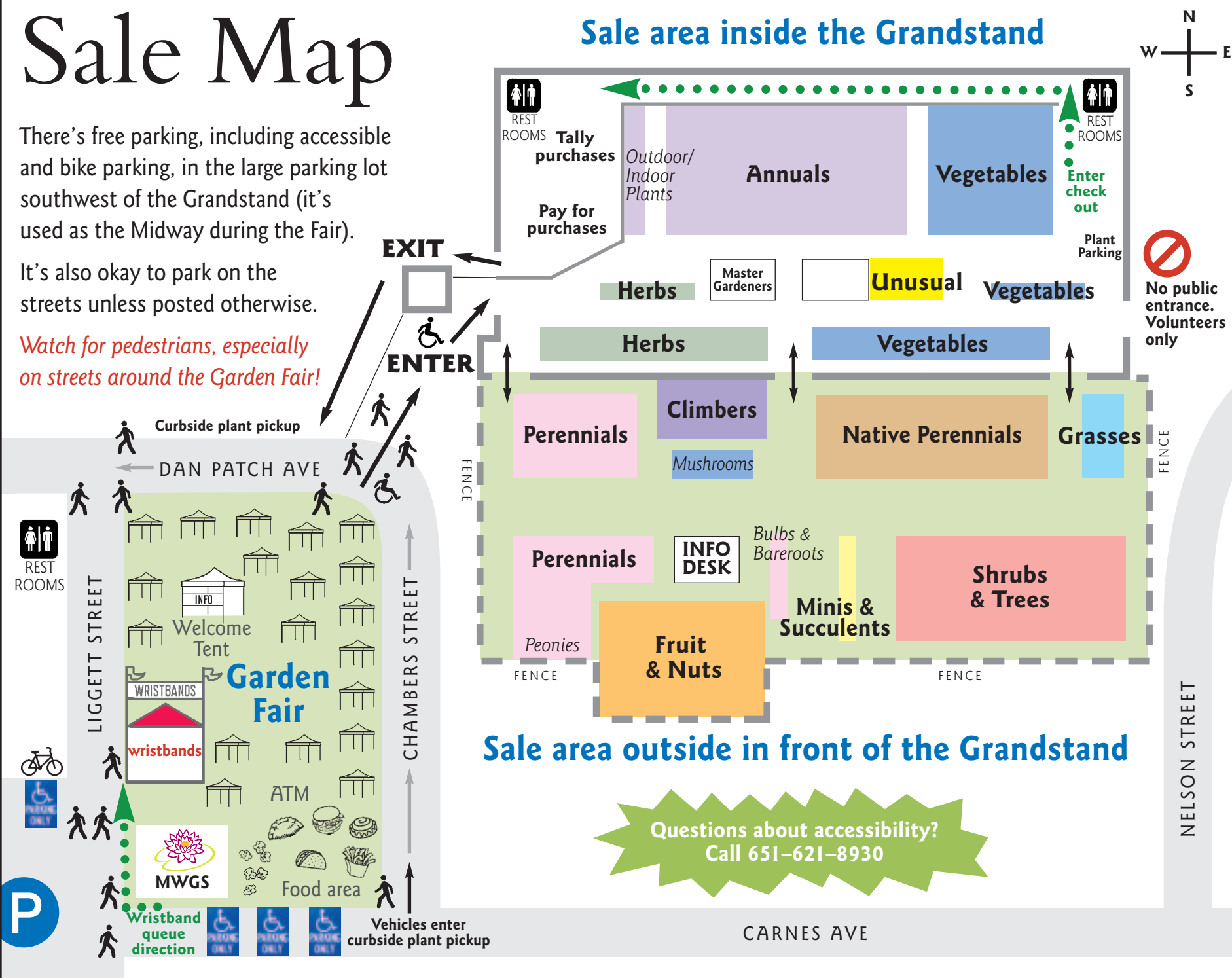
info@FriendsSchoolPlantSale.com • 651-621-8930

Sale Map

There's free parking, including accessible and bike parking, in the large parking lot southwest of the Grandstand (it's used as the Midway during the Fair).

It's also okay to park on the streets unless posted otherwise.

Watch for pedestrians, especially on streets around the Garden Fair!



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What’s New in 2023

New website

We have a new website! Working with Twin Cities-based digital agency Us Creative Works and an intrepid group of plant sale volunteers, we have redesigned and rebuilt our site, www.FriendsSchoolPlantSale.com. It has a refreshed home page and a generally updated interface. Plus, you can now change the quantity of a plant when you first add it to your shopping list and remove multiple items from your list at once. Check it out!

We’re happy to be at the Grandstand

We’re once again “home” at the Grandstand and this year, strongly encouraging N95 masks for shoppers and volunteers (especially inside the building), but no longer requiring them.

At this point, we don’t anticipate changes to that, but if there is a substantial increase in Covid-19 cases locally in April we may require masks. Please check our website or social media in the week before the sale to see if anything has changed.

Floor plan changes

We’ve adjusted a few things since last year, so be sure to study the map (page 1). Highlights: The

tallyers and cashiers will be back inside the Grandstand where they were in 2019 and earlier. The Info Desk and Volunteer Desk will remain outside the building in tents where they were in 2022. Everybody liked the wider aisles last year, so we are keeping those. Perennials, now including Bulbs & Bareroots, will be in the fenced-in outdoor area of the sale. There will continue to be temporary plant parking inside near the entrance to the checkout line: If you need to leave your plants and get more, you can park them (with your name) in this volunteer-supervised area.

New articles

This year you can learn about Green Earth Growers, one of our long-time local grower partners (page 30). Find out about growing your own mushrooms (page 17). Meet some of the middle school students who make the plant sale happen (page 23). And we’re encouraging everyone, more than ever, to **BYO boxes** (see page 47).

New plants

This year, we have 250+ new plant varieties:

- 65 annuals, including seven dahlias, eight petunias, seven coleus, and eight impatiens.

- 82 perennials, with seven daylilies, 20 hostas, 12 lilies, 10 peonies, and five bugleweeds, including the new Fancy Feathers series.
- 24 shrubs or trees, including four hydrangeas and five roses.
- 28 unusual and rare plants, with five new hardy hybrid lady’s slippers and seven hellebores. We were not able to get any woody peonies this year, so we have increased the number and selection of Itoh peonies.
- 19 fruit and nuts, with four new strawberries, three currants, and the return of lingonberries.
- 17 vegetables, with six new tomatoes. You’ll see most of our 2022 mushrooms, plus three new ones (see V104–V110).

—Friends School Plant Sale committee

Accessibility at the sale

There is marked street parking on Carnes Ave. (the south edge of the Garden Fair), and people with disability hangtags can also park in the part of the Midway lot closest to the wristband booth, just off of Liggett Street. Please call us at 651-621-8930 with any type of accessibility question, or email info@FriendsSchoolPlantSale.com.

About Friends School of Minnesota

Dear friends,

Thank you!! We appreciate your dedication to our plant sale and your support for our school.

When Friends School of Minnesota first opened our doors, we asked ourselves, “What kind of fundraiser makes sense for us?”

The values of peace and equity—how to end injustice so that we may all experience true peace—were and are foundational principles of Friends School of Minnesota.

After a bit of contemplation the answer came to us...

If you want peace, plant a garden... and the Friends School Plant Sale was born. That philosophy still lives at the

heart of the plant sale community and our sale.

We created a fundraiser that truly matches our values and advances our mission **“to prepare children to embrace life, learning and community with hope, skill, understanding and creativity.”** For a community that believes in peace, justice, simplicity, integrity, serving the environment, and community, what fundraiser could be better than a plant sale?

Although the plant sale outgrew our school parking lot years ago, your purchases, volunteer hours, and round-up donations still support a



vibrant K–8 school that is based on those core values. Your support allows for:

- Average class size: 16
- Generous financial aid for over 40% of families
- Integrated K–8 arts program: music, Spanish, visual arts
- Conflict resolution program to help students navigate relationships, understand differing perspectives, and express empathy—vital skills needed to build a more just world.

- Hands-on, outdoor environmental education

We’re located just two miles from the Fairgrounds in the Hamline Midway Neighborhood of St. Paul. Visit our website (fsmn.org) and schedule a tour to learn more.

Thank you again for supporting our school. Your support is vital to our mission, our students, and our larger community.

In gratitude,
Joe Mueller, Head of School
Friends School of Minnesota

“Friends School taught me about activism, history, and important current events that impact the world today. I’m thankful for everything I’ve learned here and how much it helped me grow as a person.”

—Sonja, class of 2021

Every year, more than 20,000 people visit our plant sale. We try to make the shopping experience as smooth as possible. This is an overview of the sale. You can find more tips and updates on our website.

How do I get into the sale?

Buses stop next to the Fairgrounds on Como Ave. and Snelling Ave. at Como (Gate 9 is the best entry point on foot). There’s a great bike path on Como, too. If you drive, there are free parking spaces, especially in the Midway parking lot. Check the map, page 1.

Whether you arrive before the sale opens or during sale hours, you may need to get a wristband from the Wristband Booth, located on the west edge of the Garden Fair (details at the bottom of this page).

While you wait for your turn to enter, visit the Garden Fair, including the Minnesota Water Garden Society. You will be outside for this part, so dress for the weather!

How do I shop?

At the Welcome Tent in the Garden Fair or as you enter the sale, you’ll get a clipboard and tally sheet to record your plants and their prices. **Write down the plant names, prices, and quantities as you select them.** You can also write a list ahead of time (blank sheets are at www.tinyurl.com/plantlist2023) or create an online shopping list with quantities and prices at www.FriendsSchoolPlantSale.com like the one shown here:



Your online list shows each plant’s catalog number and price. You can update the quantity for each plant to get an idea of how much your total will be. It’s easy to remove plants if you change your mind. Print it out and bring it to the sale OR use your list on your phone.

If you’ve preprinted a shopping list from the website, remember to make notes on your list if you add or remove plants or change quantities.

We have a limited number of grocery store carts available, so it’s a great idea to bring your own wheeled wagon or cart (no sleds or linked carts, please). Folding canvas wagons are also popular!

Once you’re inside, there are maps and signs and volunteers to help you find the plants you’re looking for.

When’s the best time to come?

Each time has its own flavor. Friday and Saturday morning attract the most people, so if

How to Do the Sale

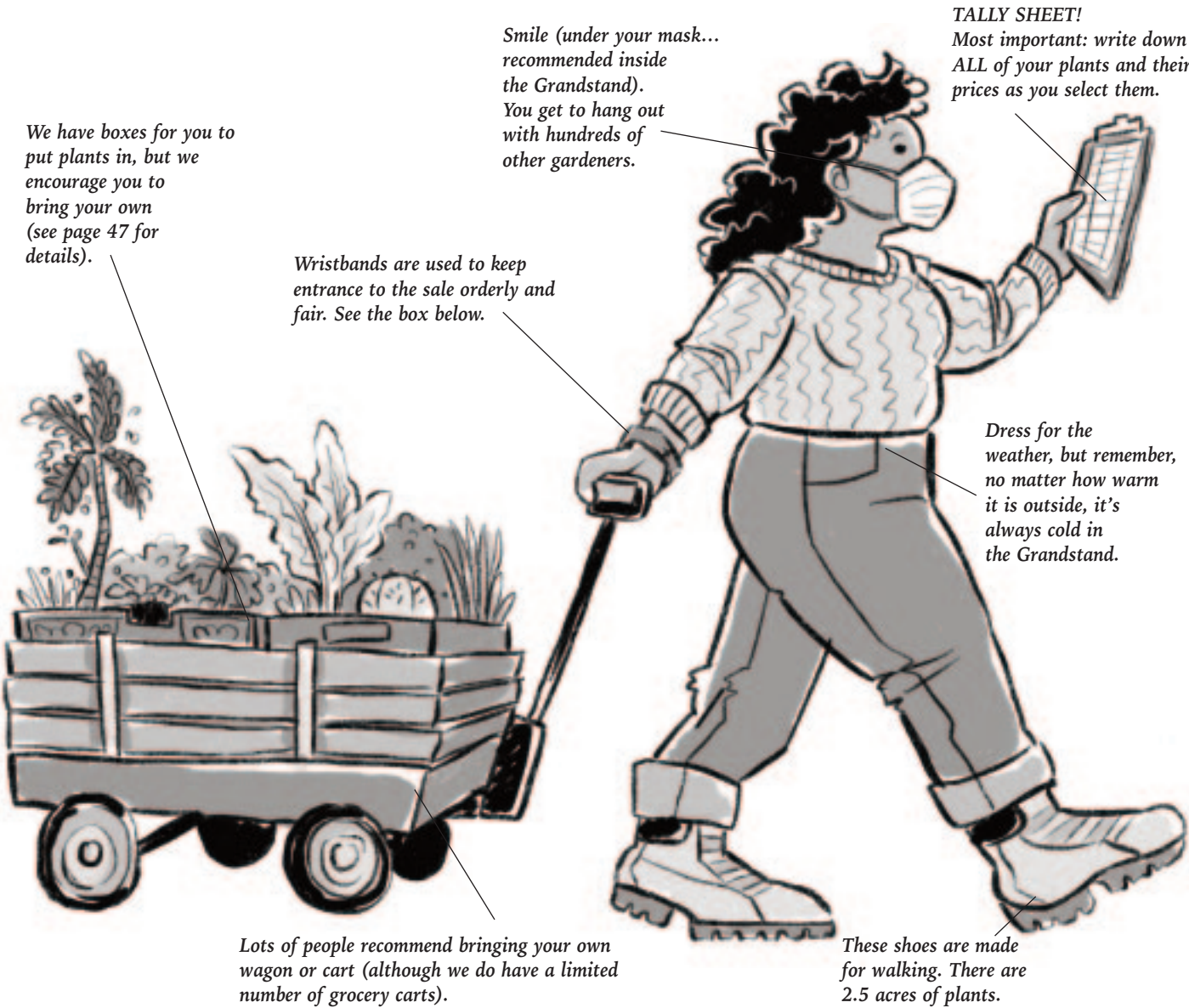


ILLUSTRATION BY RUBY THOMPSON, FRIENDS SCHOOL ALUM

you come at those times you will see the plant sale at its most festive and busy, with the best plant selection.

Later in the afternoon on Friday and Saturday is great for relaxed shopping with little waiting. Sunday is always an adventure. See what you can get for one-third off!

Are there lines?

There are three lines that you might experience:

- 1. **Wristband line:** in the mornings.
- 2. **Entry line:** this is where you go, briefly, when your wristband number is called.
- 3. **Checkout line:** If this occurs, it may seem long but it moves, in the words of one shopper, “freaky fast.” Look for the “Enter Line Here” sign along the east wall.

Later in the day, there are usually no entry lines, and often no line at the checkout.

How are the plants organized?

Within each section (Herbs, Grasses, etc.) plants are alphabetical by their common names and are numbered, as in the catalog. You can also look plants up in the index, pages 58 and 59.

Who can answer my questions?

Look for students and volunteers in bright yellow “Ask Me” vests, or sale organizers with pink hats. You can also get help at the Info Desk tent (outside under the big ramp in front of the Grandstand), from Master Gardeners inside at the center of the Grandstand, and from the Welcome Tent in the Garden Fair.

What about checking out?

Checkout is a two-step process: Your plants are added up in one area, based on your tally sheet, then you go to the cashier tables to pay. You can use check, cash, Apple Pay, or credit/debit card.

Always write the full price of plants on your tally sheet. On discount Sunday, the one-third discount is taken at the register.

After paying, you can **leave your plants at curbside plant pickup** west of the Grandstand and return to get them with your car. Please **drive slowly and watch for pedestrians.** If you used one of our shopping carts, you cannot take the cart to your car. Volunteers in orange vests will help at the curb.

Thanks!

This catalog and the new website are brought to you by:

- A.J. Zozulin
- Annamary Herther
- Anne Levin
- Carol Herman
- Chari Brudnak
- Chris Dart
- Gretchen Hovan
- Henry Fieldseth
- Huong Nguyen
- Kath Ouska
- Keri Poeppé
- Kim Erickson
- Laurie Krivitz
- Lydia Newman-Heggie
- Mary Schwartzbauer
- Michelle Mero Riedel
- Morgan Hopp
- Nancy Scherer
- Pat Thompson
- Ruby Thompson
- Sara Barsel
- Shana Crosson
- Sophie Seaberg-Wood
- Tate Bosler
- Tina Hammer
- Toria Erhart

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On the cover
An assortment of garden-grown vegetables from last year’s sale.

Photo by Michelle Mero Riedel

Why Are There Wristbands?

Our plant sale is popular. More people want to shop than the Grandstand can comfortably hold. Using a wristband entry system is one way to minimize crowding.

Shoppers are given a paper wristband, one per person, until the number of people lessens.

With a numbered wristband, you don’t have to stand in line during the busiest times. It’s the fairest way to handle the number of people who want to enter the sale at the same time.

Wristbands are distributed at the Wristband Booth starting at:

- **Friday: 6:30 a.m.** (sale opens at 9:00 a.m.)
- **Saturday: 8:00 a.m.** (sale opens at 10:00 a.m.)
- **Sunday: 9:00 a.m.** (sale opens at 10:00 a.m., all remaining plants 1/3 off)

Once the sale opens, you will enter the building in a group, according to the number on your wristband.

Visit our outdoor Garden Fair after picking up your wristband (see page 4 for more on the Garden Fair) or visit a local coffee shop (listed at www.FriendsSchoolPlantSale.com/restaurants).

We make frequent loudspeaker announcements of each wristband number and announce them on Twitter [@plantsale](https://twitter.com/plantsale). As your number draws close, plan to be near the entrance at the west end of the Grandstand to line up with your group.

If you leave the area and return after your group has entered the building, you’ll go into the sale with the next group that’s admitted. If we run out of shopping carts and you need one, you will have to wait until one is available, even if your number is called.

Please note: If you have friends arriving later than you or parking the car, they will be given a wristband at their arrival time. This system makes the process as fair as possible for everyone.

www.FriendsSchoolPlantSale.com/doing-sale


Garden Fair

Located in the grassy field southwest of the Grandstand where the Wristband Booth is (see map, page 1).

EXHIBITOR HOURS

Friday	7:00 a.m.–6:30 p.m.	<i>Some exhibitors may be open shorter or longer hours.</i>
Saturday	8:30 a.m.–6:00 p.m.	
Sunday	9:00 a.m.–2:00 p.m.	<i>Some may not be open on Sunday.</i>


Barn Quilts
Choose a 2' square painted wooden barn quilt to hang on your fence, house, deck, or garden pole. Go to *Barn Quilts by Mary* on Facebook to see samples.

 **Cowsmo**
Fifth-generation dairy farmers from near Cochrane, Wisconsin, make and sell the finest cow manure compost, organic compost and potting soils throughout the Midwest. Check their website for local businesses in the Twin Cities and suburbs where the compost is sold. www.CowsmoCompost.com

Down Home Enterprises
Garden art, from rusty garden flowers to a mix of stained glass to bird feeders to kinetic movement. Steel, glass, stone and antique finds. Whimsical snails, insects to enjoy in your garden setting. www.facebook.com/DownHomeSculptures

 **Eureka Pots of Minnesota** NEW
Add an artful touch to garden, patio, or home. Create your unique garden stack. Build colorful ceramic pieces stacked on copper pipe. Mix and match from many sophisticated to playful botanical-inspired shapes and sizes. Winter-hardy durable stoneware made by hand in Minnesota. www.eurekapots.com

EZSwap Pots NEW
A brother duo from Wisconsin make fabric liners as an alternative to coco liners for your hanging planters. We also make unique fabric transplantable pots that truly make transplanting easy. www.ezswappots.com or Facebook @ ezswappots

 **Froehle Ceramics** NEW
Handmade ceramic planters, vases, and more from Joel Froehle. Each piece is uniquely crafted with care for your indoor or outdoor plants. Makes a great addition to your garden, deck, patio, or table. joelfroehle.com

Holistic Health Farms
Reasonably priced burlap coffee bags for weed barrier and a million other purposes. Off-site pickup can be arranged. tpage4@gmail.com


 **Honey Do Products Plant Stakes**
Mark herb, vegetable, and flower gardens with these 7.75" plant marker stakes. Available in over 300 plant names from Asparagus to Zucchini, Alyssum to Zinnia, and also check out the humorous ones like "Not Dead Yet" or "Cheaper than Therapy." facebook.com/honeydoproducts

KM Leaves
Concrete leaf casts, each one unique—starting from an individual leaf that is cast and then hand-painted using outdoor acrylic paints. They can be used indoors or outdoors, as centerpieces, bird baths, yard decorations, and much more! Most can be hung on a vertical surface using embedded hooks on the back. KMLeaves.com



There are no workshops in the Garden Fair this year.

Minnesota State Horticultural Society (MSHS)
Frustrated by the mountain of inaccurate or irrelevant growing info for northern gardeners? We get it—we live and garden in a short season, too. For 155+ years, MSHS has been supporting northern gardeners of all ages and skill levels with *Northern Gardener* magazine, classes, an online Resource Hub, blog, and bimonthly enews. Find growing tips and inspiration for this area, so you can spend less time digging for info and more time enjoying your garden. Members save \$5 on a purchase of \$50 or more at the Friends School Plant Sale, among many other discounts. Not a member? Join our growing northern gardener community today! www.northerngardener.org/membership/become-a-member


Minnesota Tool Library
A volunteer-driven nonprofit offering Access Over Ownership. Its mission: to empower each other, reduce waste, and improve communities by sharing tools, trade skills, and shop space. There's no need to rent or own costly tools for limited use—borrow instead and let MTL be your garden shed! With everything you may want from broadforks to sod kickers, and power tools like tillers too! MNToolLibrary.org

 **Minnesota Water Garden Society (MWGS)**
See their plant listing on pages 5 and 6. MWGS was founded to increase the enjoyment and enthusiasm for water gardening through promotion, education and shared experiences. They will be selling a wide variety of plants that grow in water or like wet feet. Check out all the activities and great water garden resources at www.mwgs.org, follow them on Facebook or visit them during the Garden Fair to find out more.

Northern Sun
Products for progressives since 1979, ranging from social justice, environmental, and humorous messages printed on gardening and environmentally themed T-shirts, magnets, canvas bags, stickers, buttons, and more. Located at 2916 East Lake Street. www.northernsun.com

Of Nature
Of Nature
 Jewelry and Sculpture
Sculpture and jewelry created from natural objects that are encased in copper and other metals. Finished with sculpture wax to make a lovely addition to your garden. www.ofnature.com

Picker's Patch Garden Iron
Trellises, benches, planters, arches, and décor. Tin animals, metal art, and baskets. Formerly Garden Iron Imports.

 **Ramsey County Master Gardeners**
Selling Atlas nitrile garden gloves and offering plant and garden information from experts.

River Bend Gardens
Items to beautify your garden: amethyst garden rocks from large (for outdoor gardens) to small (for flower pots and fairy gardens); "imagination" flower pots made from antique and collectible treasures; garden sculptures and miscellaneous garden items.

 **Roots, Shoots & Leaves** NEW
A mobile houseplant shop offering a variety of live houseplants and accessories to make the hobby of houseplant gardening successful and fun. For the new hobbyist and the experienced plant parent. Come visit to see what's inside! rsleaves.com


St. Anthony Park Garden Tour
Find out about the upcoming tour in the neighborhood just west of the State Fairgrounds. On Saturday, June 24, with tickets available in May. www.StAnthonyParkGardenClub.com


 **Stonecrete**
In its 14th year providing exquisite and decorative garden stones to customers. Hand-cast individually, these garden stones are rated for 4,000 psi and are made to withstand all weather conditions, both in summer and in winter. www.stonecreteonline.com


 **Two Mikes**
Green Fin Plant Care is a 100%-natural fertilizer produced responsibly from invasive carp species that are damaging Minnesota waterways. Made in the Twin Cities area, Green Fin Plant Care is great for home, garden, or field use. It contains the rich nutrients your plants and crops crave. www.twomikes.net


More exhibitors may be added. Please check our website for updates:
www.FriendsSchoolPlantSale.com/gardenfair


GARDEN FAIR FOOD

 **Cinnie Smith's**
Gourmet mini cinnamon rolls, ice cream, sundaes, floats, shakes, hot and iced drinks including coffee.

 **Edina Coffee Roasters** NEW
Locally roasted brewed coffee and specialty coffee drinks. Plus locally roasted whole beans.

 **Potter's Pasties** NEW
Crusts with the perfect balance of durability and tender flakiness. Traditional pastie fillings plus breakfast and creative fillings to satisfy a range of palates.

 **Pow Wow Grounds** NEW
Traditional fry bread with multiple options, including *wojapi* (Dakota fruit pudding) or meat and vegetarian taco fillings. Chicken wild rice and Three Sisters soups (vegan, gluten-free).

 **Smokey's Charbroiler**
Quarter-pound chopped beefsteak burgers, all-beef hot dogs, pulled pork and chicken, nachos, salmon burgers, and veggie burgers. Plus bratwurst, fancy extra-long french fries, onion rings, chicken strips, corn dogs, hot ham and cheese, and fountain pop.

 **Taqueria el Patron**
Tortas and a wide selection of customizable tacos, quesadillas, and fajita burritos, plus fresh guacamole, drinks, and more.

 **Two Rivers Kettle Korn**
Popped fresh with a mix of sweet and salty. It's a State Fair treat in May! Friday 9:00 a.m.–8:00 p.m. Sat. 10:00 a.m.–6:00 p.m. Sunday 10:00 a.m.–2:00 p.m.

We accept checks, cash, Amex, Visa, MasterCard, Discover, and Apple Pay

Vegetables

Vegetables want to grow in full sun ☉ unless otherwise noted. 🍴

Tomatillo *continued*

\$3.50—4” pot:
V227 **Giant Yellow** *P. ixocarpa* 🍴—70 days. Large, mild-flavored, juicy pale yellow fruit. Good producer.

Tomato, Heirloom *see page 15*

Tomato, Other *see page 16*

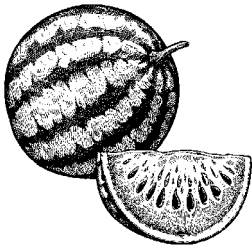
V305 **Turnip** *Brassica rapa*
Purple Top White Globe
65–90 days. Round white heirloom with a pink to purple crown. **Organic** **\$3.00—seed packet**

Watermelon *Citrullus lanatus*

Large vining plants with sweet, juicy fruits. 🍴

\$3.00—seed packet:
V306 **Crimson Sweet** *C. lanatus*—85 days. 20-pound blocky fruits have a crimson interior famous for high sugar content and great taste. Beautiful pale green rind with dark green striping. Resistant to fusarium wilt and anthracnose. **Organic**
V307 **Sugar Baby** *C. lanatus*—80 days. Round heirloom with six- to 10-pound fruit. Dark green exterior with red interior. **Organic**

\$3.50—seed packet:
V308 **Chris Cross**—85–90 days. Round light green melons with jagged dark stripes and black-seeded pink interior. 1950 family heirloom from Montrose, Iowa. Developed by crossing the attractive Dixie Queen with the disease-resistant Hawkesbury. Open-pollinated and suited to Midwest gardens. **Organic**
V309 **Oh So Sweet**—90 days. Medium-sized, round, striped melon from Texas with a very sweet red interior. **Organic**



Watermelon

Certified-Organic Vegetables

All plants in the Vegetables section are grown without chemical pesticides or herbicides, and from greenhouses operated with sustainable practices. We also carry a more limited line of edibles that are certified organic, each marked with our Organic icon, and at customer request have summarized them below.

A number of the varieties listed here are seeds.

V011 Bean Fortex	V095 Spretnak	V191 Dark Red	Tomatoes
V014 Bok Choi	V096 Tom Thumb	Norland	
Shanghai Green	V123 Parsnip ,	V192 Magic Molly	V249 Brandywine
V017 Broccoli	Halblange	V193 Oneida Gold	V250 Cherry Roma
Premium Crop	Peas	Pumpkin	V253 Yellow Pear
V039 Carrots	V126 Mammoth	V194 Howden	V259 Orange
Paris Market	Melting	V195 Jack Be Little	Russian 117
Corn, Popcorn	V127 Sugar Ann	V197 North	V264 Red Robin
V052 Megnificent	Snap	Circle	V265 Seed Savers
Corn, Sweet	Peppers (Hot, Sweet)	Radish	Italian
V053 My Fair Lady	V154 Jalapeño	V199 Cherry Belle	V268 Mixed
V054 Blue Jade	V158 Shishito	V200 French	Heirlooms
V055 Stowell’s	V163 Carolina Reaper	Breakfast	V289 Sweet 100
Evergreen	V179 Sweet Banana	V201 Watermelon	V296 Choc. Sprinkles
Cucumbers	V180 Iko Iko	V202 Purple Rat	V297 Dark Galaxy
V056 Marketmore	V181 Mini Bell,	Tail	V298 Moonshadow
76	Chocolate	Squash (Summer, Winter)	V299 Sunrise
V057 Bushy	V182 Mini Bell, Red	V210 Zucchini,	Bumblebee
V058 Double	V183 Mini Bell, Yellow	Black Beauty	Cherry
Yield	V184 Orange	V211 Zucchini,	V305 Turnip , Purple
V059 Japanese	Sun	Golden	Top White
Climbing	V185 Wisconsin Lakes	V214 Butternut,	Globe
V060 Parisian	Potato	Waltham	Watermelon
Pickling	V188 Adirondack Blue	V218 Buttercup,	V306 Crimson
V061 Russian Pickling	V189 Adirondack Red	Burgess	Sweet
V070 Eggplant	V190 Austrian	V220 Ukrainian	V307 Sugar Baby
Little Fingers	Crescent		V308 Chris Cross
V077 Ground Cherry			V309 Oh So Sweet
Drott’s Yellow			
V080 Kale , Dinosaur			
Lettuce			
V089 Gourmet Salad			
Blend			
V090 Red Planet			
Salad			
Blend			
V094 Encore Mixed			

Grow Your Own Mushrooms

If you like the idea of growing your own food and enjoy eating mushrooms, then you might be ready to cultivate fungi. With a gardener’s attention, a little patience, and these tips, you can have delicious mushrooms right in your backyard or kitchen.

Indoor kits

These are a block of mycelium, often living in sawdust or wood pulp, that’s stored in a sealed plastic bag. If you think of the mushrooms that we eat as fruit, mycelium is the roots, stem, and leaves of the fungus.

It’s best to think of the indoor kits as annual edible plants because they produce quickly, but only for one season.

- Choose a spot you see often because an indoor mushroom kit needs regular care.
- Keep at 65–70°F (specific temperature varies by variety) and in indirect sunlight.
- Leave your kit in its chosen spot until the block is completely white. At that point, the fungi have completely colonized it. (They could even be ready when you buy them.)
- Cut several slits in the bag: This is where mushrooms will fruit out of the main block. There are many different methods for this step, so see the specific instructions included with your kit or look online.
- One to three times a day, pour, sprinkle, or mist your block with non-chlorinated, non-dis-tilled water. (Let tap water sit for 12–24 hours

before using.) Mycelium like it moist, but not soaked.

- A few weeks after cutting the bag and starting to water, mushrooms should start sprouting!

Wine caps

Wine caps are sold in blocks, sealed in 5.5-pound bags (somewhat like the indoor kits), but you grow them outside in wood mulch.

They’re great for adding food production to mulched walking paths in your vegetable garden or in any shady area where you can have wood chips. If you start a wine cap bed in spring, you will most likely get mushrooms the same fall, with bigger harvests the following summer.

- Start with a layer of cardboard on the bottom for weed suppression.
- Cover with 2” of *non-dyed* hardwood mulch. Wine caps like soft hardwoods the best (box elder, cottonwood, willow, soft maple, magnolia), but other hardwoods will work, too.
- Crumble up the wine cap mycelium block (“spawn”) and sprinkle over the top. A 5.5-pound bag plants 50 square feet.
- Add 3” or more of hardwood mulch on top. Water deeply right away. The top layer of mulch is thickest to protect the mycelium from drying out.
- Shallow beds work in shadier areas, with deeper beds needed in sunnier (drier) areas.
- Keep your wine cap bed moist, with about 1” of water per week.
- Wine cap beds can be maintained indefinitely if you continue “feeding” them with more mulch in future years as you notice your production declining.
- Straw mulch or a combination of wood and straw also work to grow wine caps, but the process is a bit different. Learn more at www.fieldforest.net or elsewhere online.

Outdoor logs

These are actual logs that have been injected, or inoculated, all over with small amounts of mycelium. Logs are much denser than sawdust, so the colonization step will take much longer, somewhere between six and 18 months, depending on the variety. However, you will get mushrooms over a much longer period of time as the mycelium slowly decomposes the wood.

Depending on the size of your log, it could give you anywhere from two to five years of mushrooms. Here’s what to do:

- Keep your log outdoors in full shade, preferably in uncovered places so it can be rained and snowed on. During winter, it can be helpful to move your log into an unheated garage to protect from freezing winds.
- Store upright on the ground or horizontally near—not on—the ground, such as on a pallet.
- Try to keep the log consistently moist. 1” of rain per week is best—otherwise you will need to water it.
- Be patient. Wait for the first mushrooms towards the end of the colonization period. After your first natural mushroom, you can start force fruiting. Check out www.northwoodmushrooms.com to learn more about this optimal growing method.
- Log cultivation is a more advanced growing method than indoor kits or wine caps, with unique pros and cons. We recommend learning more on your own if you’re just starting out with mushroom logs.

There are lots of options when it comes to growing your own mushrooms. Hopefully this helps you figure out what kind of mushrooms are right for your garden!

—A.J.

The mushrooms are located outside in front of the Grandstand. They will be across from the Info Desk tent, under the big overhead ramp.



Shiitake mushrooms

Annuals

A098 **Cigar Flower** **NEW**
Cuphea Honeybells

One-inch pinkish red flowers with light yellow tips. Semi-trailing, extra-floriferous hybrid. Small, tubular flowers are especially attractive to hummingbirds. Very heat-tolerant, and needs no deadheading. 12”h by 20”w **\$6.00—4” pot**

A099 **Cockscomb**
Celosia argentea cristata Amigo Mix

Velvety red, fuchsia, pink, or yellow. Fan-shaped flower heads have a convoluted, crumpled look like brain coral. Grown for cut flowers. Drought-tolerant and easy. Leaves are edible like spinach. 6”h **\$3.00—4 plants in a pack**



Cockscomb

Coleus see box, page 22

Cosmos *Cosmos*

Graceful, yellow-centered daisies bloom all summer. Lacy foliage. Great next to a hot alley, tolerating part shade, lean or sandy soil, and neglect. Easy and quick to bloom; may self-seed. Excellent cut flowers.

\$3.00—seed packet:

A134 **Bright Lights Mix** *C. sulphureus*—Semi-double 2–3” flowers in many shades of yellow, orange, and red. 36”h by 14–16”w

A135 **Sensation Mix** *C. bipinnatus*—Semi-double pink, dark magenta, and white 4–6” flowers. 36–48”h

\$3.50—seed packet:

A136 **Fizzy White** *C. bipinnatus*—Double and semi-double 2–4” white flowers. 36”h by 18–24”w

Cosmos continued

\$3.00—4 plants in a pack:

A137 **Apricot Lemonade** *C. bipinnatus* —Light apricot petals with a lavender-pink reverse turn butter yellow. Each flower is a bit different and some have a pink ring at the center or look air-brushed with pink. Sturdy, upright, bushy plants. 20–30”h

A138 **Cosmic Mix** *C. sulphureus* —Double and semi-double 2” flowers in shades of orange, red, and yellow. 12–18”h

A139 **Sea Shells Mix** *C. bipinnatus* —Charming mix of white, pink, rose, and crimson 3” flowers with petals that curl up at the edges to form tubes or cones. 36–48”h

\$5.00—6 plants in a pack:

A140 **Cosimo Dancing Dolls** *C. bipinnatus* —White and pink brush marks on dark magenta petals. No two flowers are alike. 24–36”h

A141 **Cupcakes and Saucers Mix** *C. bipinnatus* —Unique variety in which the individual petals of a classic cosmos have merged together to form a delicate-looking bowl with a scalloped edge. Some flowers in this white, pink, and pink-blushed mix have a rose eye and some have extra frilly petals around their gold centers. Easy to grow and stands up to rain. 24–30”h

A142 **Diablo** *C. sulphureus* —Semi-double red or orange petals are brushed with gold. Save the seeds for next year. 48–60”h

A143 **Double Click Cranberries** *C. bipinnatus* —Bred in France for cutting gardens. Deep carmine, ruffled, mostly double flowers with gold centers. 36–42”h

A144 **Double Click Mix** *C. bipinnatus* —Large, frilly, double and semi-double flowers in rosy red, pink, and white with golden centers. 48”h

A145 **Rosetta** *C. bipinnatus* —Brushed and striped with shades of pink, many of these 4” flowers have an extra layer of short petals sprinkled around the center. 25–30”h by 18–20”w

Cosmos continued

\$5.00—6 plants in a pack (continued):

A146 **Xanthos** *C. bipinnatus* —Early-blooming 2.5” yellow daisies with lighter edges, a new color for cosmos. “Xanthos” means “yellow” in Greek. 20–25”h

A147 **Xsenia** *C. bipinnatus* —Rosy pink 2.5” daisies with peach tones in each petal that become more prominent in less light and as the flower ages. June–September. 18–24”h

A148 **Cosmos, Chocolate**
Cosmos Chocamocha

Chocolate-scented brownish red 1.5” daisies with dark gold centers. Late summer bloom. Known to gardeners since the 1880s. Tuberous roots can be over-wintered in a cool storage area. 10–18”h **\$6.00—4” pot**

A149 **Cotton, Red-Leaf** *Gossypium hirsutum*

Three- to five-lobed leaves emerge green, then become increasingly washed with burgundy. In late summer, deep pink and cream 2” flowers unroll from large, fringed burgundy buds on dark red stems. Whorled, hibiscus-like flowers may become fluffy cotton in fall if given lots of sun, heat, and rich soil. 24–48”h **\$6.00—4” pot**

A150 **Creeping Zinnia**
Sanvitalia Queen of Sunlight

Penny-size yellow flowers with green centers. More mounded than spreading. Blooms June to frost. Mini-daisies trail from a hanging basket or form mats when planted in the ground. 12–18”h by 12–18”w **\$3.00—4 plants in a pack**

Dahlia see box, page 24

Key

- Full sun
- Part sun/part shade
- Shade

- Attractive to bees
- Audubon-endorsed
- Butterfly-friendly
- Hummingbird-friendly

- Attractive foliage
- Culinary
- Edible flowers
- Ground cover
- Houseplant
- Medicinal
- Minnesota native
- Rock garden

- Cold-sensitive: keep above 40°F
- Toxic to humans
- Saturday restock



Cosmos



Students at the Plant Sale

Hi! We are the Friends School of Minnesota Plant Sale student representatives this year.

Students have been working at the plant sale since it started in 1989 and will be working at the upcoming sale this year!

Before the sale starts, students help spread the word by helping to distribute catalogs, but our roles don’t end there. Every year during the week leading up to the sale, all of the middle school students gather at the Minnesota State Fair grounds to help set up the sale. We help unload the trucks and get all of the plants onto the benches. As student representatives, it is our job to brief our classmates on certain areas of the sale.

Every student also works the first Friday of the Plant Sale.

Working at the sale is a chance for kids to be pushed out of their comfort zones and learn about real world

work and customer service in a way that isn’t possible at other schools.

The Friends School Plant Sale brings people together. As students, we have come to appreciate having our middle school involved at each sale, especially after the pandemic. It is an incredible opportunity for students and shoppers to interact and create community. A sense of community has felt increasingly vital in the past few years.

We also always remember how the sale helps our school. The money from the plant sale goes to the school and produces opportunities for Friends School students. The sale aligns with the Quaker values taught at our school—values such as simplicity, stewardship, and community.

“Working at the sale is a chance for kids to be pushed out of their comfort zones and learn about real-world work and customer service.”

Thank you for supporting our sale and our school. See you at the plant sale!

—the 7th and 8th grade student representatives

Edward Lear’s Nonsense Botany

Between 1872 and 1877, the English artist and writer Edward Lear created whimsical drawings of imaginary plants with pseudo-Latin names.

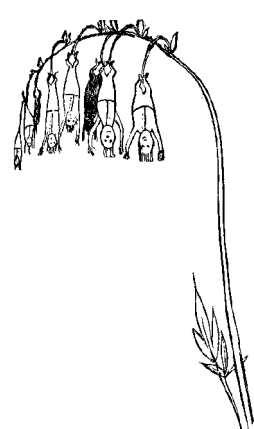
They were published in 1888, after his death. Lear’s “Nonsense Botany” is not as well known as it should be, so we thought we would share some of his images.

Lear was one of the earliest paid illustrators, and is possibly the first person to publish illustrations of birds drawn from live birds. He did all this, and a lot of other work, while living with epilepsy, severe depression, partial blindness, and other health issues.

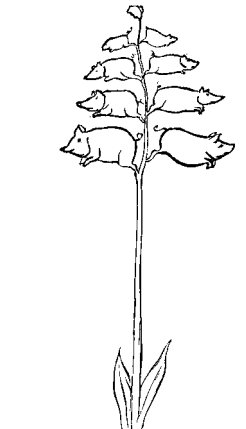
He is best known for his illustrated nonsense poem “The Owl and the Pussycat.”



Tigerlillia terribilis



Manypeeplia upsidownia



Piggiwiggia pyramidalis



Barkia howlaloudia



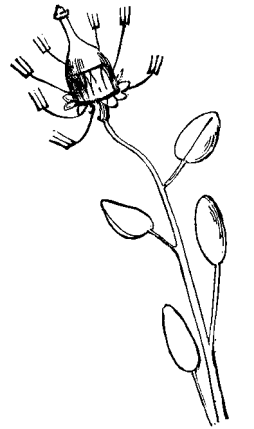
Queeriflora babyöides



Puffia leatherbéllowsa



Enkoopia chicabiddia



Bottlephorkia spoonifolia



Shoebootia utilis

Green Earth Can Do It



Jolea Gress and Jenny Hotz of Green Earth Growers, out in their field of cutting flowers in Prior Lake. At right, a pattern of heirloom tomatoes grown at Green Earth Growers for their produce CSA.

Photos provided by Green Earth Growers.

When Jenny Hotz and Jolea Gress first met in college, the idea of starting and running an independent nursery seemed an improbable goal. Today they find themselves the owners of Green Earth Growers, a small nursery in Prior Lake that is the third largest provider of plants to the Friends School Plant Sale.



Green Earth Growers was started in 2005 when Jenny and Jolea began leasing the Prior Lake land and greenhouses previously occupied by Greenfingers Farm. In the early years, they mostly grew plugs for farmers, but they had to have second jobs to make ends meet. (I heard some fond memories of working with the forestry department for the city of Eagan, picking up unmentionable things.)

Changing and growing

What changed their focus to wholesale growing was their first wholesale order: a whole lot of hanging baskets for the Friends School Plant Sale!

Eighteen years later, Green Earth has added on. They have 45,000 square feet of greenhouse divided over 27 houses. They have two full-time employees in addition to themselves, plus seasonal workers. They still are dedicated to growing wholesale plants for landscapers, garden

centers, and fundraisers, and do some custom growing as space allows. They also have a produce-based CSA with 75–90 subscribers (see greenearthgrowers.net), as well as a CSA for cut flowers and a thriving cut-flower business (you can buy them by the bucketload!).

One of the 27 greenhouses is fully organic, the rest are certified naturally grown. Pest control is done with beneficial bugs (“Thursday is bug day”) and a cat or two. They use a soy-based fertilizer and are growing in compostable pots.

Dedication

Green Earth also wins the unofficial “Heroic Delivery Effort” Plant Sale award. Some years ago, on the way to the State Fair Grandstand, a very full Green Earth truck broke down, incapacitated to the point of needing a tow. Somehow the Green Earth driver was able to convince the tow truck driver to drag the truck first to the Grandstand, where, still attached to the tow truck, it was unloaded before being hauled off to the garage. That’s dedication!

If you ask Jenny and Jolea what they’re most proud of, it’s the great variety of plants they’re able to offer in spite of being a relatively small business. At the Friends School Plant Sale, we sell their tropical ferns, Malabar spinach,



peanuts, coffee, and Itoh peonies. On top of more regular offerings and yards of basil.

At our plant sale buying committee meetings, one of the most common refrains is “Green Earth can do it.” And when you realize that they are not only growing all these plants but also vegetables and flowers for their CSAs, you get a sense of the enormity of what this small nursery is trying to do.

Green Earth can do it. —By Toria

The logo for Friends School of Minnesota, featuring a stylized bird or wing design above the text "Friends School OF MINNESOTA".

A photograph of the Friends School building, a two-story brick structure with large windows, surrounded by greenery and yellow flowers in the foreground.

Thank You for Supporting Our School

Plant Sale gift certificates

A GOOD MOTHERS DAY GIFT!

Purchase online at tinyurl.com/plant-gift-cert

Or you can send a check to Friends School of Minnesota, 1365 Englewood Avenue, Saint Paul, MN 55104 with the name and address of the recipient, and we will mail it directly to her.

We accept checks, cash, Amex, Visa, MasterCard, Discover, and Apple Pay

Fruit & Nuts

F060 **Pear** *Pyrus communis* Summercrisp
A U of M introduction with very early harvest in mid-August. White flowers are followed by sweet and juicy fruits. Fruits are green with a red blush and are best eaten or refrigerated before they ripen to yellow. Crisp, juicy texture and sweet, mild flavor, they keep up to six weeks in the fridge. It is a good pollenizer for other pear varieties. Grown on semi-dwarf S-333 rootstock. Pears are most productive with a different pear tree in the neighborhood. **** 12–18’h ○🌱
\$58.00—5 gal. pot

F061 **Persimmon, American** *Diospyros virginiana*
According to a Vermont expert, this central U.S. native is not fully hardy in our zone. Most will die back to the ground every winter and the next year grow as a shrub that is too small to fruit. However, like fig trees, persimmon trees can spend the warm season outdoors in a large container and then be over-wintered in an attached garage or basement. In three or four years, they will bear their sweet and succulent fruit in late fall, even when grown in three-gallon pots. Pollenizing and fruiting flowers grow on separate trees, so plant at least three trees. Height will be limited by the pot size. 50’h ○🌱
\$25.00—2 gal. pot

Plum *Prunus*
Hardy and great for fresh eating or cooking. ○🌱
\$58.00—5 gal. pot:
F062 **Stanley** *P. domestica*—Early September fruits with deep blue-purple skin. The sweet, dry texture of its pale yellow interior makes it ideal for preserves and drying. White flower. Self-fruitful European plum. 20–25’h
F063 **Toka** *P. americana* x *simonii*—Richly flavored, exceptionally hardy hybrid plum (Chinese apricot plum) bred over 100 years ago in South Dakota. Pink flowers in May, with dark red fruit ripening mid-August to early September. Not self-fruitful, but one of the best pollenizers for American and Japanese plums, including Black Ice and Alderman. Also known as Bubblegum. 15–20’h by 10–12’w

Raspberry *Rubus idaeus*
Upright, self-fruitful, usually thorny shrubs that don’t require staking or support. Clusters of five-petaled white flowers with yellow anthers give way to flavorful fruit. Red or yellow raspberries spread by suckering underground; black raspberries spread when the tips reach the ground. Note: black raspberries should not be planted near any other color of raspberries nor near blackberries. ○🌱🍷

\$5.00—2.5” pot:
F064 **Anne**—Hands-down the best-tasting yellow raspberry and also highly productive. Extra-large berries ripen late August–October. Few thorns. Benefits from spring pruning for summer fruit, or a complete cutback for fall fruit. 4–5’h
F065 **Caroline**—University of Maryland red variety, one of the most productive. Fall bearing. Vigorous. 4–5’h
F066 **Heritage**—Medium-sized red berries ripen in early September, plus a small July crop (considered everbearing). Vigorous and hardy. 5–6’h
F067 **Pequot Black** *R. occidentalis*—Firm black raspberries for the North. Fruiting season is about three weeks long in July. Developed by Jim Fruth of Pequot Lakes, Minn. 4–5’h

\$16.00—5.25” pot:
F068 **Double Gold** 🌱—Tasty, medium-sized peachy gold fruit with a wash of pink in midsummer on old canes, and a larger crop September to frost on new canes. The “Double” refers to the two crops of fruit, but in cold climates like ours it may only bear fruit in fall. 2012 Cornell University introduction. 5–8’h by 4–5’w 🍷
F069 **Killarney** 🌱—Vigorous, cold-tolerant, summer-bearing raspberry developed in Manitoba. Medium-sized red fruit with good eating and freezing quality. Sibling variety to Boyne. 3–4’h

\$19.00—8” pot:
F070 **Latham Red**—Large, firm red berries late June–mid-July. Burgundy fall foliage for landscape interest. Very productive and cold-hardy, developed in Minnesota in 1920. 4–6’h
\$29.00—1 gal. pot:
F071 **Joan J** 🌱—Absence of thorns and smaller stature make this easy to pick. Large, firm red fruit from summer to early fall. 4.5’h



Raspberry, Ground Cover *Rubus x stellarcticus*
Low-growing plant without thorns. Spreads by rhizomes, making thick mats of bright green leaves. Small pinkish lavender flowers in late spring; red fruits in midsummer. Red and burgundy fall color. Very hardy. Selected by Dr. Gunny Larsson in Sweden for flavor, vigor, and extreme hardiness. Also known as the Arctic raspberry or nagoonberry, with a flavor between strawberry and raspberry. Plant two varieties to get fruit. 0.5’h by 1–2’w ○🌱🍷🍷
\$5.00—2.5” pot:
F072 **Sophia**—Pink 1” flowers in late spring and berries in July.
F073 **Valentina** (NEW) —Petite reddish purple fruits have a sweet-tart flavor. Plants establish quickly in all soil types.

Rhubarb *Rheum rhabarbarum*
Great for pies and preserves. One of the earliest perennials to emerge in spring. Large green leaf blades are toxic to humans, while the tart stalks are edible. Let the plant establish itself a couple years before harvesting. ○🍷
\$4.00—4” pot:
F074 **Victoria** 🌱—Popular, medium-sized stalks with pink at the bottom and green at the top. Heavy producer. 2.5–3.5’h by 3–4’w
\$19.00—2 gal. pot:
F075 **Crimson Red** (NEW) —Ruby red inside and out. Plump stalks have a nicely balanced sweet-tart taste. Very hardy. 2–3’h



Rhubarb

F076 **Serviceberry, Saskatoon** 🌱
Amelanchier alnifolia
White flowers in early spring give way to showy, edible blue berries in summer and then brilliant fall color. Can be trained into a small tree. Extremely cold-hardy, drought-tolerant, and not picky about soil condition. Serviceberries are native, multi-stemmed shrubs whose fruit is important to wildlife. Self-fruitful. A xeriscape plant. Deer-resistant. Also called Juneberry. Mason County, Mich. source. 20’h by 10’w ○🌱🌱
\$15.00—5.25” pot

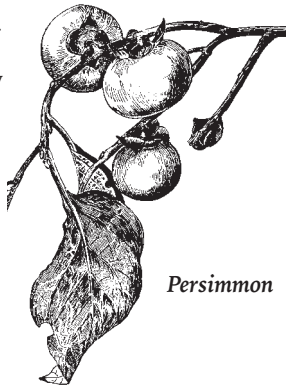
See also these shrubs and trees with edible fruit or nuts:
BLADDERNUT page 48, CHOKEBERRY, CHOKECHERRY, CRABAPPLE and ELDERBERRY, page 49.
And in others sections:
JABUTICABA, page 42, and STRAWBERRY, WILD, page 56.

Strawberry *Fragaria* x *ananassa*
Lovely perennial fruits that are easy to grow. Strawberries can be June-bearing or ever-bearing. They prefer sandy soil, but can be grown almost anywhere sunny. Spread by runners. Self-fertile. ○🌱
\$3.00—2.5” pot:
F077 **Rainbow Treasure** (NEW) 🌱—Both an ornamental and tasty edible. Makes a great blooming ground cover or spilling out of containers with white, pink, and rose flowers.
\$4.00—4 plants in a pack:
F078 **Honeoye** 🌱—June-bearing. One big crop, better for canning. 6–10”h by 24”w
F079 **Ozark Beauty** 🌱—Everbearing; unusually vigorous plants with thick foliage and deep roots. 6–10”h by 24”w

\$7.00—6 plants in a pack:
F080 **Allstar** 🌱—Red 1–2” fruits are extra sweet. June-bearing.
F081 **Eclair** (NEW) 🌱—Exceptional flavor and superior disease resistance. June-bearing. Has a longer season than other varieties.
F082 **Eversweet** (NEW) 🌱—Large, sweet fruit. Plants can tolerate temperatures over 100°F without loss of fruit quality. Everbearing.

Strawberry, Alpine *Fragaria vesca*
Numerous small, slender berries. Fragrant and tasty, summer to fall. Likes part shade and regular water. Nice along paths, and good in containers, too (plant in the ground in fall). The species is a plant native in Minnesota. Runnerless, but may self-seed somewhat. ○🌱🌱🌱
\$4.00—4 plants in a pack:
F083 **Alexandria** 🌱—Red berries on productive plants. 10”h by 12–15”w
F084 **Yellow Wonder** 🌱—Many prefer this white berry with yellow seeds over traditional red strawberries. Considered sweeter, too. And birds ignore them totally. 6–8”h by 12–15”w

F085 **Strawberry, Musk** 🌱 (NEW)
Fragaria moschata
Small, round fruits have an intense flavor, a mix of strawberry, raspberry, and pineapple. Not self-fertile, so plant in multiples. Native to Europe and commonly grown there. Prefers moist and protected areas to have consistent temperatures. ○🌱
\$7.00—6 plants in a pack



Persimmon

Help Support Our Zero-Waste Initiative

Every year we take big steps to make our plant sale as earth-friendly as possible. After all, we green thumbs love nature, right?
We’re working toward new compost and recycling goals with our food vendors and the State Fair. We’re building systems that will grow in sustainability for the long haul. We’re also benefiting from environmental clubs at Friends School and the Saint Paul Conservatory for Performing Artists. This year we have an exciting zero-waste goal: all waste possible will be composted, recycled, or sanitized and made into a community educational art project, ensuring that little goes into a landfill.

Our tradition of reusing boxes
Each year plant sale shoppers use about 15,000 strawberry and tomato boxes to carry home all of their plants. Dozens of volunteers spend the seven weeks before the sale making special trips to grocery stores and hauling 30–40 boxes each time to their homes. Just before the sale, other volunteers gather all the boxes and bring them to the Grandstand. Getting a second use out of these boxes is great! But that’s a lot of driving around. And some years, even so, we must buy boxes to have enough.

How can you help? BYO boxes!
Help us by picking up the boxes you will need from your local grocer. When shoppers do this, it saves fuel, and still lets us reuse these awesome boxes that stores otherwise dispose of.
Note: Our volunteers will do their best, as always, to collect as many boxes as they can before



These box-gathering volunteers from a past plant sale had just spent four hours trucking stacks of grocery store strawberry and tomato boxes that were stored in garages, porches, and sheds. The boxes had earlier been picked up and driven from stores all over the Twin Cities.

the sale. There should be boxes available for people who are unable to bring their own.
So please, if possible:
• Bring your own boxes or other carrying containers.
• Bring any extra strawberry or tomato boxes you might have in your garage (I know I do) — or pick up a few extras and leave them with us for others to use.
• Check out our waste stations and the zero-waste booth in the Garden Fair to see what we’re working towards as a school and community.
• If you have a reusable drink container for your beverage purchases, bring that along too.

And most importantly, **enjoy the Friends School Plant Sale 2023!** —Maggie, the zero-waste coordinator