Attention 4-H members, friends, family, and all gardeners! Plan now for your summer garden, Junior Fair entries and community service projects! We urge you to take advantage of this opportunity to grow old standards as well as more unusual plant varieties.

Plants are grown and supplied by Jacquie Closson’s a New Leaf Greenhouse.

**Place orders by March 4th**

Pick up orders on Tuesday, May 24th at the Fairgrounds, 10am-5pm

!!!!!!! Mark your calendars now!!!!!!

**ANNUAL FLOWERS**

6 Pack @ $4.50 each

**Marigold** – French - This is a 10-16 in. high and wide plant that does best in well-drained soil and full sun. It has beautiful 3-inch blossoms. Easily grown. Naturally well-groomed, they bloom abundantly and provide carefree color in a sunny bed till frost. Marigold – Antigua American.

**Petunia** –
Mixed colors/varieties.

Trumpet-shaped flowers with branching foliage. Great for garden beds, edging, baskets, tubs, and window boxes. 10-12”. Plants like full or part sun.

**Pansy** – Mixed varieties.
Many blossoms marked in striking, contrasting colors.

Easy to grow in the sun or light shade. Great for containers or the border.

**Impatiens** – You can use impatiens flowers as bedding plants, border plants or in containers.

They enjoy moist but well drained soil and partial to deep shade.

They do not do as well in full sun, but if you would like to plant them in full sun, they will need to be acclimated to the harsher light.

You can do this by exposing the impatiens plants to increasing amount of sunlight over the course of a week.

**Dahlia Figaro Mix** - A dwarf dahlia with semi-double flowers in shades of red, pink, orange, yellow, and white. Does well in beds and in containers, and blooms from planting time until frost. Provide full sun and well-drained soil. In our zone these can be planted in some shade but prefer 6 or more hours of sun. Deadhead regularly. To overwinter tubers, dig them up after the first frost, clean them, and allow them to dry. Store in slightly moistened sand, peat, or sawdust and store in a cool but frost-free place. Divide tubers in spring by using a sharp knife to separate, ensuring that each division has at least one eye.

**Browallia Blue Lady** - Little known South American annual "Bush Violet"! Fast growing to a multi-branching 2’ tall x 20” wide plant that is quick to bloom. This plant of 1.5” delightfully blueish flowers will bloom from late Spring till October! Adaptable to sun or shade, it’s a welcome addition to garden edge. Does well in beds & containers, has nice, deep green foliage. Self-sows to USDA zone 4 & are surprisingly snail resistant! Bluest color!! Likes rich soil.

**Tall Snapdragon Tetra Mix** - A colorful blend of red, white, pink, yellow and orange flowers. They get their name as the blossoms resemble the head of a dragon. They date back to the 1700s where they were grown in the Mediterranean region.

They have an early maturity date, a long blooming season and will continually produce from spring into fall. Plants have a semi-compact growing habit and grow up to 28” tall, great for attracting bees, butterflies, and other
beneficial insects to the garden. Long stems make this a great cut flower variety. Snapdragons are known for their wonderful scent and can be harvested as cut flowers. Stems are best to cut when some of the flowers are unopened. Best planted in the garden.

Portulaca - or Moss rose is a low-growing annual native to South America. The succulent leaves are fleshy and narrow and grows 8 inches tall and 1 foot wide forming a mat. The flowers are red, orange, yellow, white, and other pastel colors that come in single, semi-double and double forms. The flowers do not open on cloudy or rainy days and close from sundown to sunup. Has a high drought and heat tolerance, needs to be planted in well-drained sandy or rocky soils in full sun. Great in a rock garden, in the front of the border, in containers with like plants, hanging pots, or allowed to cascade down a wall. It will self-seed, without becoming invasive. Deadheading will deter self-seeding.

Lavender - An evergreen perennial, this lavender is a classic English Lavender renowned for its heavy midsummer bloom strength and its fine tolerance of heat, humidity, and even drought (once established). It makes a breathtaking hedge, but also shines as a border accent, mass planting, and even a container subject. This plant reaches 12 to 18 inches high and 18 to 24 inches wide, with gray-green foliage. Very aromatic, the foliage makes excellent sachets, potpourri, and more. When you brush against it the scent is released. In midsummer masses of bright lavender-blue blooms appear, very full, rounded, and long-lasting. Bees and butterflies are drawn to it, and you will want to take cuttings of its stalks for fresh bouquets as well as Everlastings.

An herb, this Lavender contains essential oils that can be used in cuisine, it also makes a fine low border. Grow in a well-drained, neutral to alkaline soil in an open, sunny spot. All Lavenders need very well-drained soil and prefers to be kept on the dry side (once established). Very tolerant of heat, humidity, and drought. Trim back in spring to encourage bushier growth; also deadhead after flowering. It grows best in zones 5-9 but will do well in our area if mulched in the fall.

Oregano *Origanum vulgare*) is a species of flowering herb in the mint family - Lamiaceae. It is a perennial, culinary herb native to the Mediterranean region, but widely grown in the temperate Northern Hemisphere and easily grown in our growing zone. It is a woody perennial, growing 8–31 in. tall.

The oval leaves grow opposite and are ½–1+½ in long. The flowers are tiny and purple/pink, produced on erect spikes in summer. It is sometimes called wild marjoram. Oregano can be an ornamental plant, with numerous varieties bred for varying leaf and flower color as well as habit.

Parsley ½ curled and ½ plain - Parsley is a lush plant growing up to a foot high in a beautiful rosette of green foliage. Try growing parsley plants as companions to annuals, perennials, and herbs in beds, containers, and window boxes. Plants make a nice seasonal edging and provide a striking contrast to yellow and pink annuals. *Curl parsley* has a more ruffled appearance than flat-leafed parsley, but both are equally lush. Set plants in full sun or partial shade, and rich, moist soil. Keep roots cool and moist by mulching around the plant, but don’t cover the crown of the plant or the plant will risk crown rot. In September, promote new foliage by cutting back plants set out in the spring; this is especially true for plants grown in vegetable & herb beds strictly for their harvest.

Rosemary is a woody, perennial herb with fragrant evergreen needle-like leaves. It can be grown in the garden all summer but cannot withstand winter. An easy way to keep Rosemary is in a pot in a morning sunny area, in a place near water as container plants need watering often in summer. Bring pot indoors in fall for fresh rosemary all winter. Keep in a sunny window over winter and take back out in the Spring after danger of frost has passed.

Thyme – A perennial, the aromatic leaves season meats, poultry, stews, sauces, soups, and dressings. Growing and harvesting your own thyme is like having a little pot of gold. The tiny little leaves are the prize.
I always feel rich when I have a small jar of thyme around. Harvest till mid-August, then leave the plant to grow to survive winter.

**Dill** - The dill plant (*Anethum graveolens*) provides feathery green leaves for the dill weed herb, while the flat, oval seeds make the dill spice. It's an annual herb related to celery that tends to replant itself and spread widely, which is good to know if you're considering planting it in your garden. Dill seeds and blossoms are used in seasoning, such as in pickles. Dill weed is delicate and works particularly well with eggs, in salads and breads.

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**VEGETABLES**

**6 Pack @ $4.50 each**

**Tomato** – ¼ Anna Russian and ¼ Supersonic – Anna Russian - 87 days, indeterminate — These heirloom plants are rather scrawny and unimpressive. 'Anna Russian' has regular leaves and is quite productive. The oxheart-shaped fruits are medium in size measuring three to 3½ inches in diameter, average three to eight ounces in weight, and are pink in color often with light green shoulders. The flavor is excellent, leaning to the sweet side with a good, meaty yet juicy, texture making them great for sauces and canning. Supersonics grow on indeterminate plants. They are red, meaty and can get as big as 12 ounces without cracking. This variety may need support as they grow.

**Cucumber** – Marketmore - 60 days, 1 ½”–2” thick fruits with dark green, smooth, medium weight skin. Plants are resistant to cucumber mosaic virus. Introduced in 1968 by Cornell University, 'Marketmore' is a beautiful, dark green cucumber that's ready to pick when 6”–8” long. Fruits keep their size and shape even under poor weather conditions unlike other varieties that may curl and become misshapen. The 4–6’ long vines continue to produce with regular picking. Disease resistant.

**Pepper** – Cubanelle - The Cubanelle is considered a sweet pepper, although its heat can range from mild to very moderate. It is not a very hot pepper by most standards.

The peppers are usually picked before they ripen, when they are light green or a yellow-green color, but when ripe, they turn bright red to orange red. The pods grow to 4–6 inches long, 2 inches wide, and are banana-shaped, tapering near the bottom. The skin should be glossy, and the pepper should be smooth and firm. Use them wherever you would use a bell pepper.

**Summer and Zucchini Squash** – 1-6 pack has 3 yellow summer squash and 3 zucchinis.

Plant in full sun. They grow 24 – 30 inches high and 4+ feet wide. Plant them in rich soil, water and fertilize when needed. Extras fruits can be frozen.

**Broccoli** – Imperial is a hybrid broccoli variety that is suitable for growing in warmer conditions. This variety performs best when grown in early fall or late spring, when days are longer, and temperatures are warmer. It is very heat-tolerant and can handle the increasingly warm temperatures in late spring and early summer into a warm fall season. It has vigorous plants with 6-8” heads. The heads have tight crowns with small beads for optimal texture and flavor. The heads hold well after harvesting and will store well in the refrigerator. This makes it a great variety for processing and freezing.

**Strawberry June bearing – Honeoye or Allstar** - Allstar strawberries are hardy, June-bearing strawberries that produce generous harvests of big, juicy, orange-red berries in late spring and early summer. From the Cornell Research Station in New York, Honeoye June-bearing Strawberry is very winter hardy and a top choice among home gardeners for over 30 years. The firm, large berries have a good flavor and hold up well for freezing. Their rich color carries over into jams.

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**PERENNIAL FLOWERS**

**4” POTS @ $4.50 each**

**Delphinium Pacific Giant** - A wonderful plant in your garden, very impressive when grown in groups of three or more. It is an award-winning heirloom strain with tall, spires of closely packed, large, well-formed blossoms in pink, violet, and many other colors.
shades of blue. A great back of the border or centerpiece plant that attracts hummingbirds and other pollinators. A showstopper cut flower. Mildew resistant. Poisonous if ingested.

**Butterfly Bush Mix** - *(Buddleia Davidii Mix)*

- It is a very fast and vigorous perennial.
- The mix of colors will attract hummingbirds and butterflies.
- Hummingbirds prefer the darker bloom colors of purple and butterflies prefer the lighter bloom colors of lilac and white. Also called Summer Lilac, transplant the seedlings after danger of frost has passed.
- Follow a regular watering schedule during the first growing season to establish a deep extensive root system. Next year, feed with a general-purpose fertilizer before new growth begins in spring. Once established it is fairly drought tolerant. The Butterfly Bush flowers on new growth and will have more and larger blooms when cut back hard, down to 10 inches in early spring. Regular deadheading will help prevent any unwanted spread of Buddleia (this plant). It grows 72 - 96 inches tall in zones 5 – 9 and is usually Deer Resistant.

**Geum Red Dragon** - Butterflies love Geum, easy to grow and deer resistant. A perennial that will add fiery color into any sunny to part shade border or bed. Ruffled scarlet red to orange double blossoms on branching stems form above a low rosette of toothed foliage. An elegant addition to fresh bouquets. It is a symbol of power, strength, happiness, and good fortune. It grows 16 to 20 inches tall, plant 12 to 18 inches apart, blooms in early to late summer in zones 5-9. Geum prefers a rich, well-drained soil. Some moisture required. Morning sun with afternoon shade is the best location. Good winter drainage is vital for survival. Can be divided every 2 years or so in early spring or early fall. Cut back spent foliage in summer after flowering to promote new growth. Deadheading encourages more flower production.

**Lupine Russell** - Grow

Lupines for their spikes of tall, colorful summer flowers. They come in a range of colors including blue, purple, yellow, red, pink, white, and bicolor. Hybrid varieties like this one require lots of moisture, full sun, and protection from hot summer winds. These are easy to grow in moderately rich, well-drained, acid soil. Plants are very hardy and perform best in the cool summers of our growing zone. Even so, Lupines have a short life span, usually lasting between 2-5 years. Some varieties will self sow. Once established, Lupines are deer-resistant, and will attract pollinators in late spring and early summer.

**Armeria Morning Star**

- Comes in white or deep rose. Morning Star Thrift will grow to be only 6 inches tall at maturity extending to 10 inches tall with the flowers, with a spread of 12 inches. Its foliage tends to remain low and dense right to the ground. It grows at a slow rate, and under ideal conditions can be expected to live for approximately 10 years. This plant does best in full sun to partial shade. It prefers dry to average moisture levels with very well-drained soil and will often die in standing water. It is drought-tolerant, and thus makes an ideal choice for low-water and rock gardens. It is not particular as to soil pH, but does best in sandy soils, and is able to handle environmental salt. It is highly tolerant of urban pollution and will even thrive in inner city environments. This is a selected variety of a species not originally from North America. It can be propagated by division. However, as a cultivated variety, be aware that it may be subject to certain restrictions if you wish to share divisions.

Morning Star Thrift is fine for the garden, but it is also a good selection for planting in outdoor pots and containers. Because of its spreading habit of growth, it is ideally suited for use as a ‘spiller’ in the ‘spiller-thriller-filler’ container combination; plant it near the edges where it can spill gracefully over the pot. Note that when growing plants in outdoor containers and baskets, they may require more frequent waterings than they would in the yard or garden.

**Columbine McKanna Giant** - Grow beautiful blooms in radiant hues of red, white, yellow, and purple. Happy, fun flowers will liven up any garden, field, or flower bed, and they make a lovely bouquet! McKannas stand 2 to 3 feet high and produce buttercup shaped flowers that are 3 to 4 inches across.

Columbines are a highly adaptable flower. They do well in many climates and sun conditions, but they will bloom best in full sun to light shade. Columbines are deer resistant, and birds and butterflies love the nectar found in tip of the petal’s thin spur!
SPECIALTY PLANTS
4” POTS @ $4.50 each

**Geranium** – A favorite for container gardens, memorial pots, window boxes, etc.

Choose from red, white, pink, salmon, and fuchsia. Plant in full sun. Specify color preference on the order sheet.

**Wave Petunia** – Mixed colors. Continuous blooming and bright colors. These plants do great in hanging baskets but will do well as a flower bed plant. Plant in full, bright sun outdoors, as indoor light is insufficient.

**Nemesia Poetry Mix**
Sweetly scented all season, excellent in early spring and fall. Old blossoms drop without deadheading. Use in hanging baskets, window boxes, rock gardens, landscaping and in combinations. Nemesia is a small bedding plant with many uses in the garden.

Use them as edging plants, ground covers, in mixed borders, woodland plantings and as container or hanging basket plants. Most varieties grow to about a foot in height. These splendid little plants offer a wide range of flower colors, and some come in bicolor.

**Grass Stipa Sirocco** - (Pheasant Tail Grass) A beautiful fountain of narrow green, bronze, and golden leaves with an overall copper hue! 2’ tall x 2-3’ wide evergreen clump, an annual in our zone – Dryer soils intensify color – Flowers are inconspicuous, misty with tinges of purple and gold, blooms June thru Sept – One of the prettiest grasses around! Full sun, good drainage – likes to dry out between waterings – Deer proof

**Helichrysum Silver mist**
Prized for lush, cascading containers and window boxes, has fuzzy green-silver foliage on silver stems with a spreading, well-branching and mounding growing pattern. Plant it in full sunlight so that it can silver up for best coloration. It is terrific in the garden and makes a great summer ground cover.

**Nasturtium** - is happy, colorful, and easy-to-grow flower! Their bold blooms and edible leaves, flowers, and seedpods make them an especially fun flower for kids and adults as well.

Does well in full sun to part shade, in containers in the garden. A great companion plant for squash and pumpkins

**Place orders by March 4th - Pick up orders on Tuesday, May 24th at the Fairgrounds, 10am-5pm**

**Quick Notes from Claudia Hitt, Horticulturist**

**Perennial** – A perennial plant is one that will survive the winter and grow every year from the same root. Usually, perennials need to be divided after a few years of growing in the same place.

**Annuals** – Annuals are showy, colorful plants that will not survive a frost. They add color to a garden and are often used in beds, borders, and containers.

**Biennial** – A plant that requires two growing seasons to complete its life cycle (flowers the 2nd year).

**Invasive** – A plant that will invade the space around it and become a nuisance trying to control. It can become worse than a weed. Plant invasive herbs and flowers in places where it is okay for them to spread, and you will like it, so you do not have to continually fight off aggressive growth.

**Calyx** - Once the flower is pollinated, a berry begins to form in the center. Around the berry is a calyx, a covering that is composed of tissue similar to flower petals.

**Indeterminate** – In plants, growth that is not terminated or stopped at a genetic stopping point. An indeterminate plant does not stop growing, usually, in height.

**Photo sources - credits:**
Marigold - https://www.syngentaflowers-us.com/; Pansy – burpee.com; Petunia – calloways.com; Impatiens – amazon.com; Browallia – Michiganbulb.com; Delphinium – bonanza.com; Snapdragon – swallowtailgardenseeds.com; Portulaca – bloomingseeds.myshopify.com; Tomato – wishingstarfarminj.com; Pepper – pinterest.com; Strawberry – vermontbean.com; Geranium - mygardenlife.com; Wave petunia – allamericanselections.org; Thyme – thepruce.com; Oregano – urbancultivator.net; Rosemary – hgtv.com; Lavender – eldoradoindyfarm.com; Parsley – en.wikipedia.com; Dill – britanica.com; Summer squash – ferrymorse.com; Zucchini – jessicagavin.com; Broccoli – thepruce.com; Dahlia – pinterest.com; Butterfly bush – brandywine.com; Geum – petreenursery.com; Lupine – veseys.com; Columbine – lowes.com; Grass stipa sirocco – emerisa.com; Helichrysum – norththoreiplantclub.com; Nasturtium – plants.ces.ncsu.edu
4-H Plant Sale Fundraiser Order Form 2022

**Place orders by March 4th**

(Order Pick Up will be on Tues. May 24th at the Fairgrounds, 10am-5pm)

Please enclose payment with order and mail to: Cornell Cooperative Extension of Cortland Co. 60 Central Ave., Rm 140, Cortland, NY 13045 - Attn: Jackie Hartnett, ph. 607-391-2660

<table>
<thead>
<tr>
<th>Name</th>
<th>Total Quantity</th>
<th>I prefer a pickup reminder by: (please circle)</th>
<th>Post Card or Email</th>
<th>X $4.50 per plant</th>
<th>Grand Total</th>
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Mailing Address: ___________________________________________________________________________________________

Email: ________________________________________________________________________________________________

4-H Club ____________________________________________________________________________________________ Phone ____________________________________________________________________________________________

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<thead>
<tr>
<th>ANNUAL FLOWERS</th>
<th>PERENNIALS</th>
<th>SPECIALTY PLANTS</th>
<th>VEGETABLES</th>
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<td><strong>Quantity</strong></td>
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<tr>
<td><strong>Marigold</strong> 6pk</td>
<td><strong>Delphinium</strong> 4” pot</td>
<td><strong>Geraniums 4” pot</strong> (Please specify quantity by color)</td>
<td><strong>Tomato</strong> 6pk</td>
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<td><strong>Petunia</strong> 6pk</td>
<td><strong>Butterfly Bush</strong> 4” pot</td>
<td><strong>Red</strong></td>
<td><strong>Pepper</strong> 6pk</td>
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<tr>
<td><strong>Pansy</strong> 6pk</td>
<td><strong>Geum Red</strong> 4” pot</td>
<td><strong>Salmon</strong></td>
<td><strong>Cucumber</strong> 6pk</td>
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<td><strong>Impatiens</strong> 6pk</td>
<td><strong>Lupine</strong> 4” pot</td>
<td><strong>Pink</strong></td>
<td><strong>½ Summer Squash</strong> 6pk (3ea.)</td>
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<td><strong>Dahlia</strong> 6pk</td>
<td><strong>Armeria Morning Star</strong> 4” pot</td>
<td><strong>White</strong></td>
<td><strong>Broccoli</strong> 6pk</td>
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<tr>
<td><strong>Browallia</strong> 6pk</td>
<td><strong>Columbine</strong> 4” pot</td>
<td><strong>Fuchsia</strong></td>
<td><strong>Strawberry</strong> 4”pot</td>
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<tr>
<td><strong>Snapdragon</strong> 6pk</td>
<td><strong>Parsley</strong> ½ curly &amp; ½ Italian</td>
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<td><strong>Grass Stipa</strong> 4”pot</td>
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<td><strong>Portulaca</strong> 6pk</td>
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<td><strong>Helichrysum</strong> 4”pot</td>
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**ALL PLANTS COME IN EITHER 6-PACKS OR 4” POTS**

$4.50 EACH

Plants are grown and supplied by Jacque Closson’s “A New Leaf Greenhouse”

Checks payable to CCE of Cortland County