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LONGFIELD
GARDENS®

Save Money and
Boost Your Growing Success
with Bare Root Plants

TREES, SHRUBS AND PERENNIALS AVAILABLE AS BARE ROOT PLANTS

- Dug in fall and stored over winter in coolers or dug in early spring
- Shipped at appropriate time for planting in your zone
 - Roots packed in moist sphagnum moss, paper, sawdust or similar material

BENEFITS OF BARE ROOT PLANTS

- Economical
- Hard-to-find plants may only be available from mail order catalogs
 - Bare root makes it easier and more affordable to ship
- Easier to detect and manage root defects, like crossing and girdling roots

MAXIMIZE SUCCESS WITH PROPER CARE

- Open package as soon as plants arrive and inspect roots
 - Firm, not dry or brittle
 - Packing material moist, not soggy wet
 - Buds and growing tips firm and appropriately colored
 - No signs of mold or cold damage
- Plant bare root plants as soon as possible
 - When planting is delayed:
 - ✦ Store dormant plants in a cool (frost free) location, around 40°F (4°C)
 - ✦ Keep packing material damp (like a wrung out sponge), not wet
 - If plants are actively growing and danger of frost is present
 - ✦ Plant in container several times larger than the roots and set in a cool, bright location until they can be moved into the garden

- ✦ Some gardeners opt for potting them up to give them a head start in the garden

GENERAL PLANTING GUIDELINES

- Remove damaged, crossing or dead roots
- Soak one to two hours before planting
- Dig hole wider than roots and to a depth with:
 - Tree's root flare at or slightly above the soil surface
 - Shrub's upper most roots just below the soil surface
 - Perennials - check planting directions for plant depth
 - ✦ Otherwise, the crown (space where stems meet roots) should be at or just slightly below the soil surface
- Create a cone of soil in the middle of the hole as needed for spreading out the roots
- Evenly distribute the roots
- Cover with soil
 - Do not amend the soil
 - Use soil from hole you dug to cover the roots
- Water thoroughly to help settle the soil and remove air pockets
- Spread a 1 to 3" (2.54 to 7.6cm) layer of organic mulch on the surrounding soil surface
 - Conserves moisture, suppresses weeds
 - Pull it away from tree trunks, plant stems and crowns
- Planting Bare Root Trees
- Planting Bare Root Shrubs
- Planting Bare Root Perennials

Longfield Gardens

Longfield Gardens provides high quality flower bulbs and perennials to home gardeners. We offer plants for every region and every season, from tulips and daffodils to dahlias, caladiums and amaryllis.

Longfield Gardens is in business to help you enjoy a more beautiful yard and garden. Our family-owned company is located in Lakewood, N.J. and we have more than 80 years of combined experience in the horticulture industry. Selling bulbs and perennials is our passion as well as our livelihood.

We take pride in our products and in our service. As part of our commitment to quality products, we maintain our own trial garden for testing varieties and developing combinations. We also produce how-to articles, videos and blog posts so you'll have the information and inspiration you need to create a beautiful yard and garden.

Shop our online store at [longfield-gardens.com](https://www.longfield-gardens.com) and let us help you grow a more beautiful garden.



AFTER PLANTING CARE

- Watering
 - Check soil moisture several times a week and water thoroughly and often enough to keep soil moist
 - Gradually reduce frequency as root systems become established
 - It takes 1 to 2 years for plants to establish a robust root system
- Fertilization
 - Wait a year after planting to **fertilize trees and shrubs**
 - Perennials - monitor plant growth
 - ✦ Fertilize at planting if soils are lacking in nutrients
 - ✦ Use a slow-release, low Nitrogen fertilizer to promote balanced above and below ground growth
- **Tips for Planting and Care of Perennials**



A FEW EASY TO GROW BARE ROOT PERENNIALS

PEONIES (*Paeonia*)

- **Herbaceous Peonies** (*Paeonia lactiflora*) need at least 6 weeks of 40 to 45°F (4 to 7°C)
 - Very cold hardy and grow best in Zones 3 to 7
 - ✦ Some cultivars will grow in Zone 8
- **Tree Peonies** do need a dormant period
 - Most grow in Zones 4 to 9
 - ✦ Plant crown / graft 4 to 6" (10.16 to 15.24cm) below the soil surface
 - ✦ Snow Lotus, Pink Lotus and Cup of Shining Night are a few of the heat tolerant tree peony cultivars
- **Intersectional Peonies** are more tolerant of heat and humidity
 - Usually do well in Zones 4 to 9

- A few you may know: Bartzella, Keiko and White Emperor
- Planting Peonies
 - Full sun location with well-draining soil
 - Plant so tubers and eyes are no more than 1 to 2" (2.54 to 5cm) below the soil surface
 - Select a location with good air circulation and give plants needed space
 - Water thoroughly as needed
 - Be patient - it can take two years for plants to flower
- **Growing Peonies in Zones 7 to 9**
 - Plant in coolest location available in your yard
 - Full sun in morning and dappled shade in the afternoon
 - Early bloomers best for hotter areas - flowers before it gets too hot
- Why Peonies fail to bloom
 - New plantings or recently divided
 - Planted too deep
 - Insufficient sunlight
 - Over fertilized
- Common Peony problems
 - **Botrytis Blight**
 - **Powdery Mildew**

TRILLIUMS (*Trillium*)

- Native
- Full to part shade
- Moist, organic soil
- Blooms mid to late spring
- Plant 2" (5cm) deep
- 12" (30.5cm) tall
- Deer will browse
- Black walnut tolerant
- Zones 3 to 8 or 9



About Melinda

Nationally known gardening expert, TV/radio host, author & columnist Melinda Myers has over 40 years of horticulture experience and has written over 20 gardening books, including Can't Miss Small Space Gardening, the recently revised Midwest Gardener's Handbook, and Jackson and Perkins' Beautiful Roses Made Easy. She hosts the nationally-syndicated "Melinda's Garden Moment" program airing on radio stations throughout the U.S. Melinda also hosts the internationally distributed Great Courses "How to Grow Anything" DVD/Instant Video series, including the latest Food Gardening for Everyone DVD set. She is a columnist and contributing editor for Birds & Blooms magazine, and writes a nationally-distributed gardening column. She appears regularly as a guest expert on national and local television and radio shows.

Visit Melinda's website,
melindamyers.com

BLEEDING HEARTS

- **Common Bleeding Heart** (*Lamporcapnos spectabilis*, formerly *Dicentra spectabilis*)
 - Blooms in spring
 - 2 to 3'+ (61 to 91cm) tall
- **Western Bleeding Heart** (*Dicentra formosa*)
 - Bacchanal shown - RHS Award of Garden Merit
 - Blooms after Common Bleeding Heart, into early summer
 - Grows 12 to 18" (30.5 to 46cm) tall
- **Planting Bleeding Hearts**
 - Shade
 - Moist, well-drained soil
 - Cut flower, hummingbirds, butterflies
 - Deer and rabbit resistant
 - Plant 2" (5cm) deep
 - Zones 3 to 8 or 9

COLUMBINE (*Aquilegia*)

- Sun to shade
- Moist, well-drained soil
- Blooms spring into summer
- Plant 2" (5cm) deep
- 28" (71cm) tall
- Pollinators, hummingbirds, bees
- Deer and rabbit resistant
- Zones 3 to 9

SIBERIAN IRIS (*Iris sibirica*)

- Full sun to part shade (more shade and moist soil tolerant than bearded iris)
- Flowers early summer
- Single and double flowers
- Plant 2" (5cm) deep
- 24 to 36" (61 to 91cm) tall
- Pollinators, hummingbirds, butterflies
- Deer and rabbit resistant

- Drought and wet soil tolerant
- Zones 3 to 9

BALLOON FLOWER (*Platycodon*)

- Full sun to light shade
- Well-drained soil
- Blooms late spring to summer
- Plant 2" (5cm) deep
- 18" (46cm) tall
- Good cut flower
- Regularly deadhead to enhance beauty and extend bloom time
- Zones 3 to 8

DAYLILY (*Hemerocallis*)

- Full sun to part shade
- Soil adaptable
- Early, mid or late summer blooms
 - Some repeat bloomers
- Plant 1" (2.54cm) deep
- Size and bloom time varies with cultivar
- Hummingbirds, butterflies
- Drought and salt tolerant
- Zones 3 to 9

SPEEDWELL (*Veronica*)

- Full sun to part shade
- Soil adaptable, as long as well-drained
- Summer bloomer
- Plant 2" (5cm) deep
- Size varies with cultivar
- Pollinators, hummingbirds, butterflies, bees
- Deer resistant
- Drought tolerant
- Zones 3 to 8 or 9
- **Ulster Blue Dwarf Veronica** shown
 - Compact, 8 to 12" (20 to 31cm) tall
 - Good for containers

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HOLLYHOCKS (*Alcea*)

- Full sun
- Moist, well-drained to dry soil
- Blooms in summer
- Biennial or short-lived perennial
- Plant 1" (2.54cm) deep
- Grows up to 72" (183cm)
- Pollinators, hummingbirds, butterflies, bees, songbirds
- Black walnut tolerant
- Rabbit resistant
- **Rust and holes in leaves**
- Zones 5 to 9
- A few double varieties: Charter's Double Golden Yellow, Chamois, Rose

BLAZING STAR (*Liatris spicata*)

- Full sun
- Moist, well-drained soil
 - Occasionally wet or dry
- Blooms mid to late summer
- Long lasting cut flower
- Plant 3" (7.6cm) deep
- Grows 30 to 36" (76 to 91cm) tall
- Hummingbirds, butterflies, bees, moths, songbirds
- Heat, humidity, poor soil tolerant
- Zones 3 to 10

CHOCOLATE COSMOS

(*Cosmos atrosanguineus*)

- Full sun
- Moist, well-drained soil
- Blooms summer to fall
- Plant 2" (5cm) deep
- Grows 18 to 30" (46 to 76cm) tall
- Pollinators, butterflies, bees, fragrant, cut flower
- Zones 7 to 11, annual elsewhere

FLAMING TORCH (*Kniphofia*)

- Full sun to part shade
- Well-drained soil
- Blooms mid to late summer
- Plant 2" (5cm) deep
- Grows up to 36" (91cm) tall
- Heat and drought tolerant
- Pollinators, hummingbirds
- Deer, rabbit, salt resistant
- Zones 4 to 9

HELENIUM (*Helenium*)

- Full sun
- Moist, well-drained organic soil
- Blooms late summer
- Plant 1" (2.54cm) deep
- 24 to 48" (61 to 122cm) tall
- Butterflies, bees, cut flower
- Deer and rabbit resistant
- Wet soil tolerant
- Zones 3 to 8 or 9
- **Moerheim Beauty** shown - RHS Award of Garden Merit
 - 24 to 36" (61 to 91cm) tall

CLEMATIS (*Clematis*)

- Face in the sun, feet in the shade
- Moist, well-drained soil
- Bloom time varies with species / cultivar
- Plant 1" (2.54cm) deep
 - Longfield sells as 1-year-old plugs
- 3 to 6' (.9 to 1.8m) tall
- Hummingbirds, butterflies, bees
- Black walnut, deer, rabbit resistant
- Zones 3 to 9

CORAL BELLS (*Heuchera*)

- Full sun to shade, depends on species / cultivar
- Moist, well-drained soil
- Watch for frost heaving
- Colorful foliage
- Flowers in summer
- Plant 2" (5cm) deep
- 12 to 18" (30 to 46cm) tall
- Hummingbirds, butterflies, bees
- Deer and rabbit resistant
- Zones 3 to 9

HOSTA (*Hosta*)

- Shade
- Moist, well-drained soil
- Blooms mid to late summer, depending on cultivar
- Size varies with cultivar
- Plant 1" (2.54cm) deep
- Deer and rabbits
 - Protect them with **Plantskydd** organic, rain and snow resistant odor based repellent
- **Slugs and earwigs**
- **Scorch** (too much sun and dry soils)
- Hummingbirds, butterflies, bees, Juncos eat the seeds
- Zones 3 to 9

ASTILBE (*Astilbe*)

- Shade to part shade
- Bloom time and height varies with species / cultivar
- Plant 1" (2.54cm) deep
- Cut flowers
- Pollinators
- Deer and rabbit resistant
- *Astilbe chinensis* tends to be more drought tolerant
- Zones 3 to 9, depending on species / cultivar

FERNS

- Most prefer shade
- Most prefer moist, rich soil
- Plant 2" (5cm) deep
- Zones 3 to 8 or 9 for those shown
- **Christmas Fern** (*Polystichum acrostichoides*)
 - Native
 - Evergreen
 - 12 to 24" (30 to 61cm) tall
 - Deer, rabbit, squirrel resistant
- **Leatherwood Fern** (*Dryopteris marginalis*)
 - Native
 - Evergreen
 - 18 to 24" (46 to 61cm) tall
 - Deer, rabbit, squirrel resistant
- **Ostrich Fern** (*Onoclea struthiopteris* formerly *Matteuccia struthiopteris*)
 - Shade native
 - Tends to scorch when grown in insufficient shade or drier soil
 - Up to 60" (152cm) tall
 - Deer resistant
 - Heavy shade and wet soil tolerant



**Affordable & Practical
Sustainable Gardening**
*Gardening Programs and Activities
with Melinda Myers*

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UPCOMING APPEARANCES & WEBINARS

Check often as more appearances and webinars continue to be added.

Webinar March 18th

Patio, Deck and Balcony Gardens

March 21st & 28th

100th Annual REALTORS Home & Garden Show

SC Johnson Community Program March 24th

Strategies to Help Plants Survive and Thrive

Webinar March 26th

Get Started Growing Vegetable and Flower Gardens

Webinar April 1st

Grow a Bountiful Harvest

Webinar April 9th

7 Steps to Managing Water on Your Property

April 11th

A Day in the Garden

April 18th

Spring Rally

Ebert's Greenhouse Village April 19th

Deer Resistant Gardening

Iowa State University Lectures April 23rd

Gardening for Health & Wellbeing

Spring Seminar at Pasquesi April 25th

Top 5 Favorite Annuals, Perennials, Vegetables & Shrubs for the Landscape

Ebert's Greenhouse Village April 26th

Common Tomato Problems & How to Solve Them

Ebert's Greenhouse Village May 2nd

Ask the Plant Doctor

Webinar May 6th

Adding Native Plants to Any Size Gardening Space

Ebert's Greenhouse Village May 9th

Ask the Plant Doctor

Ebert's Greenhouse Village May 10th

Ask the Plant Doctor

Ebert's Greenhouse Village May 16th

Ask the Plant Doctor

Ebert's Greenhouse Village May 17th

Ask the Plant Doctor

Webinar May 21st

Planting & Care of Your Rain Garden

Webinar June 3rd

Managing Your Landscape with Pollinators in Mind

Webinar September 3rd

Tree Planting and Care

Knowledge in Bloom Conference September 12th

Fall Landscape and Garden Care

Webinar September 17th

Fall Landscape Care & Planting



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