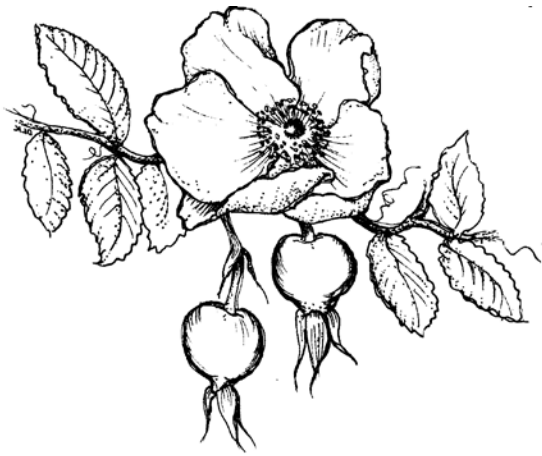


ROSES

100
Chalet
SINCE 1917



6 tips

for growing Gorgeous Roses

Pick a sunny spot with well-drained soil. Roses are sun-worshippers and do best in organically rich soil that does isn't soggy. 6 or more hours of direct sun daily helps keep the blooms coming, the foliage lush and the plants healthy.

Pick "own root" roses if you haven't had the best luck with roses in the past. Own root roses are grown on their own root, not attached or "grafted" to roots of a different variety. They're more winter hardy than grafted roses and do not require special planting. Look for "**OR**" at the end of rose descriptions. All our rugosa and shrub roses are on their own root!

Plant grafted roses deep. Many large-flowered, cutting-type roses (hybrid tea, grandiflora) are grafted and require deeper planting to ensure winter hardiness. See our planting guide for more info.

Mulch roses. Roses like a cool, moist root zone. Use fine-textured mulch such as shredded pine or leaf mulch. Not only does mulch look great, but it also adds valuable nutrients to the soil as it breaks down.

Water the roots, not the leaves. Roses like even moisture. To minimize the chance of fungal problems, it's best to water roses in the morning and at the base only. Sprinklers are a no-no.

Feed roses. Roses expend a lot of energy producing flowers. Keep them fortified with a rose food formula applied 3 times a season starting in April and ending by August 1st.

PINK HYBRID TEA (HT) & GRANDIFLORA (GR)

Hybrid Tea is the traditional, long-stemmed cutting rose. The flowers are large, usually produced one per stem.

Grandiflora is similar to a hybrid tea, but the flowers are produced in clusters on multi-branched stems. The plant tends to be tall (4-5') and lends itself to background use.

1. **PETER MAYLE HT.** 4-5" deep pink blooms have a heavenly old rose fragrance. Blooms will last up to 10 days in a vase. Dark green glossy foliage. 4-5' tall. **DR, FR, OR**
2. **PINK PEACE HT.** Deep dusky pink blooms on long, strong stems with strong damask fragrance. **FR**
3. **PRINCESS CHARLENE DE MONACO HT.** Ultra-lush (100+ petals!), antique-looking flowers are a delicate shell pink to light apricot color and suffused with a very strong fragrance. Excellent disease resistance for the type. **DR, FR, OR**
4. **QUEEN ELIZABETH GR.** Lovely incandescent pink flowers are borne singly or in clusters on a sturdy, full bush with dark green glossy foliage. Mild tea rose fragrance. **DR**
5. **THE MCCARTNEY ROSE HT.** This unbelievably fragrant, deep pink hybrid tea was a gift to Sir Paul from his record company. Large buds open to double, clear hot pink flowers. A must have! **DR, FR**

WHITE HYBRID TEA (HT)

6. **POPE JOHN PAUL II HT.** Spectacular living tribute to Pope John Paul II. Pure white blossoms with over 45 petals blossoms emit a delightful fresh citrus fragrance. Glossy, disease resistant foliage. **DR, FR**
7. **QUEEN MARY II HT.** Pure white flowers have a distinctive sweet rose and banana fragrance. **FR, OR**
8. **SUGAR MOON HT.** Pure white flowers on lengthy stems exude a powerful citrus and rose aroma. Good rebloom and natural vigor. A truly elegant rose. **FR**

RED HYBRID TEA (HT) & GRANDIFLORA (GR)

9. **CRIMSON BOUQUET GR.** A dazzling rose with thick petaled, vivid red blooms showcased by dark green glossy foliage. Cold hardy and disease resistant. Slight fragrance. **DR, SH**
10. **LEGENDS HT.** Massive, ruffled flowers of rich ruby red hold their brilliance from beginning to end. Large lettuce-like leaves of an unusual red-green color enhance the long stems. Moderate fruity fragrance.
11. **MISTER LINCOLN HT.** Who doesn't love this historic rose? Large, velvety textured deep red flowers open from long-pointed buds. The fragrance is heavenly damask. **FR**
12. **OKLAHOMA HT.** Very dark, dusky red flowers are imbued with a delicious scent. This rose actually performs best with some heat. **FR**
13. **OPENING NIGHT HT.** Living up to its famous parents, Olympiad & Ingrid Bergman, this long-stemmed beauty features 4 ½", luminous deep red flowers that last and last.
14. **PAPA MEILLAND HT.** This award-winner has deep red blooms on long, strong stems making it a great choice for the cutting garden. The fragrance is wonderfully fruity. **FR**

UNDERLINED = NEW for 2017

DR = better than average disease resistance **FR** = strong fragrance **SH** = low petal count, more shade tolerant

OR/OWN ROOT = roses grown on their **own root**, not attached or "grafted" to roots of a different type. Own root roses are more winter hardy, disease resistant and should return true to type even if they die back to the ground over the winter.

ORANGE HYBRID TEA (HT) & GRANDIFLORA (GR)

15. **APRICOT CANDY** HT. Lovely soft apricot blooms with ruffled petal edges have a delicate rose fragrance. The flowers will retain their color, even in heat. **DR, FR, OR**
16. **FRAGRANT CLOUD** HT. Rich dark red ovoid buds open into high-centered double blooms of bright coral-orange. Heady, luxuriant fragrance of sweet spice and rose. **DR, FR**
17. **LASTING PEACE** GR. Glowing, deep coral-orange blooms are held high atop glossy, dark olive green leaves. Good disease resistance. Slight fragrance. **DR**
18. **SUNSET CELEBRATION** HT. This bushy, vigorous rose produces large (up to 5 ½") flowers in glowing colors from creamy apricot to warm amber pink. Aroma is like fresh peach or apricot.
19. **TROPICANA** HT. Blooms are a non-fading fluorescent orange-red. The vigorous plant has a constant flow of flowers all season long. **FR**

YELLOW HYBRID TEA (HT) & GRANDIFLORA (GR)

20. **CHI-CHING!** GR. Cash in with this fragrant lemon yellow beauty! Clusters of clear, long-lasting yellow flowers top a tall and bushy plant. New shoots emerge deep red. Strong fruit and spice scent. **FR**
21. **HENRY FONDA** HT. A classic and reliable yellow hybrid tea. Pointed buds roll open into lightly fragrant, 4 ½" deep yellow flowers. Petals have good substance and hold their color well. **SH**
22. **MICHELANGELO** HT. Lush, antique-looking golden yellow flowers with up to 50 petals emerge on top of sturdy stems. Dense, deep green leaves provide perfect contrast. Strong lemon scent. **FR, OR**
23. **RADIANT PERFUME** GR. 4-5", deep yellow blooms have a delicious lemony scent. Graceful form and long stems complete the picture. 4-5' tall. **FR**

BI-COLOR & OTHER HYBRID TEA (HT) & GRANDIFLORA (GR)

24. **CHERRY PARFAIT** GR. Generous sprays of creamy white flowers edged in bright red. The blooms hold their color well during summer heat. Beautiful planted with lavender. Light fragrance. **DR, OR**
25. **DICK CLARK** GR. Classically formed flowers are a luscious blend of cherry pink and cream. The cherry pink deepens to burgundy then dark red as the flower matures. Cinnamon spice fragrance.
26. **ELLE** HT. Heavily petaled shell pink and yellow blooms. Dense glossy foliage has above average resistance to powdery mildew and blackspot. Potent citrus and spice fragrance. **DR, FR**
27. **NICOLE CAROL MILLER** GR. A classic grandiflora named in honor of a victim on 9/11 Flight 93. From high-centered buds emerge pale lavender flowers flushed with an intense mauve. The fragrance is moderate old rose and citrus.
28. **PEACE** HT. Large, double, high-centered blooms open golden yellow edged with rose pink. The flower color changes daily as the pink flush deepens and the yellow fades. Sweet cake-like fragrance.
29. **STRIKE IT RICH** GR. Clusters of long-lasting, deep golden yellow flowers are flushed with orange-pink. Unusual red stems. Strong spice and fruit fragrance. A "scent-sational" rose! **DR, FR**
30. **TAHITIAN SUNSET** HT. Divine peachy apricot pink flowers glow with yellow highlights. Delicious licorice fragrance and good disease resistance. **DR, FR**
31. **TWILIGHT ZONE** GR. Fat buds open to clove-scented, old-fashioned looking flowers of an unusual deep purple. Flower color will be richest when temps are cooler. **FR**

CLIMBER

Medium to large flowers are borne singly or in clusters. Plant has long canes that can be trained vertically or horizontally on an arbor, trellis or fence. **Own root unless indicated otherwise.**

32. **CLOUD 10** A newer white climber from Will Radler, breeder of Knock Out roses, exhibiting excellent blackspot resistance. Very full flowers (50-60 petals) have the look of English roses and the fragrance of exotic musk. Heavy spring bloom, repeating lightly throughout the summer. 7-8' tall. **DR, FR**
33. **FRUITY PETALS** Looking for a hardy, disease-resistant climber in a coral color? Here it is -- from our favorite breeder, Will Radler. A spectacular show in June is followed by lighter periods of bloom for the rest of the season. Bushy and relatively short for a climber, growing 6' tall. **DR**
34. **JOHN DAVIS** A super hardy Canadian rose. Red canes are adorned with clusters of spicily scented, 3 ½" clear pink flowers. May also be grown as a large shrub. Repeat bloom. 6-8' tall. **DR, FR**
35. **JOSEPH'S COAT** 3 ½" flowers in a changeable, colorful blend of cherry red, golden yellow and orange are accompanied by a light sweet scent. Repeat bloom. 10-12' tall. **Not own root.**
36. **NEW DAWN** Very full cameo pink flowers with a subtle sweet rose fragrance. Plant can get quite tall. Hardy. Repeat bloom. 18' tall. **DR**
37. **PRETTY IN PINK EDEN** Exhibiting the same great qualities of its parent, Eden, but with deeper pink, more fragrant and more heavily petaled (70-80!) flowers. Repeat bloom. 10-12' tall.
38. **RAMBLIN' RED** From Will Radler, breeder of Knock Out. This vigorous climber has fully double, rich red flowers. Excellent repeat bloom. 6-10' tall. **DR**
39. **RED EDEN** Looks like a dark red version of Eden climber, but is related in name only. Very full, old-fashioned looking flowers contain 100+ petals. Fragrance is mild classic rose. Lightly repeats. 10-12' tall.
40. **WILLIAM BAFFIN** From Canada, this hardy pillar rose has 2 ½" double deep pink flowers in clusters up to 30. Heaviest bloom occurs in June. Orange ½" hips in the fall. 7-9' tall. **DR**
41. **WINNER'S CIRCLE** Another champ from Will Radler of Knock Out fame. Fire engine-red, non-fading flowers are produced in cycles all summer long. Gorgeous deep burgundy leaves and bright orange hips complete the show in fall. One of the showiest climbers from spring to fall. 6-8' tall. **DR, SH**
42. **ZEPHIRINE DROUHIN** A reliable old-fashioned beauty with large, sweetly fragrant cerise pink flowers on *nearly thornless* canes. New leaves emerge a coppery purple. Repeat bloom. 6-12' tall. **FR, SH**

OWN ROOT RUGOSA

Cold hardy, naturally disease resistant shrub rose noted for fragrant flowers, beautiful, textured foliage and colorful fruit (hips).

43. **DWARF PAVEMENT** Richly fragrant, semi-double pink flowers bloom repeatedly in summer. Scarlet red hips put on a spectacular show in fall. The small stature of this rose makes it ideal along walkways or in front of the border. 3-4' tall and wide. **DR, FR**
44. **PURPLE PAVEMENT** Intensely fragrant, purplish red flowers are accented by bright yellow stamens. A great crop of dark red hips and colorful leaves decorates the plant in fall. 4-5' tall and wide. **DR, FR**

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OWN ROOT RUGOSA (cont)

45. **ROSA RUGOSA** A rugged and adaptable native rose with strongly spice-scented, single flowers that may vary in color from pale pink and deep rose to nearly crimson. Red fall hips. 4-6' tall & wide. **DR, FR**
46. **SNOW PAVEMENT** Large pink buds open into lovely, spice-scented blooms of white tinged with pale pink. Large red hips in fall provide a splash of color later in the season. 4-5' tall and wide. **DR, FR**

OWN ROOT SHRUB

A diverse category of plants including new hybrids and historic roses on multi-stemmed bushes. Can be used singly as specimens or grouped in mass.

47. **CAREFREE DELIGHT** Almost continuously in color with clusters of 1 ½" pale pink, 5-petaled flowers. So easy and disease-free! Dense, spreading habit. 4-6' tall and wide. **DR, SH**
48. **JULIA CHILD** Clusters of full, buttery gold flowers emit a strong licorice and spice fragrance. Hardy and floriferous in all types of weather. 4-5' tall by 3' wide. **FR**
49. **KNOCK OUT** The original KO. Deep, almost fluorescent, cherry red flowers from spring until frost. The thick, dark foliage has a burgundy cast. Heat, drought and blackspot resistant. Compact and bushy habit. 3-4' tall and wide. **DR, SH**
50. **KNOCK OUT, BLUSHING** A delicately colored version of Knock Out. Light pink flowers fade to pale pink. Disease resistant foliage has a bluish tint. Lovely in the mixed border. 3-4' tall/wide. **DR, SH**
51. **KNOCK OUT, DOUBLE** As disease resistant as its sister, Knock Out, but with fuller, fluffier flowers with that "true rose" look. A true champion in the garden. 3-4' tall and wide. **DR**
52. **KNOCK OUT, DOUBLE PINK** Here's a bubblegum-pink version of the excellent Double Knock Out. The flowers are non-stop and self-cleaning. This plant is a perfect companion to other flowering shrubs and perennials. 3-4' tall and wide. **DR**
53. **KNOCK OUT, PINK** Carefree and hardy pink version of Knock Out. Single, 3" bright pink flowers are produced continuously from June until frost. Blackspot resistant. 3-4' tall and wide. **DR, SH**
54. **KNOCK OUT, RAINBOW** Single coral pink blooms changing to pink and finally ivory, sometimes all colors showing at the same time. The foliage is brushed with gloss and is unaffected by blackspot, of course. Sets orange hips in fall for a bit of winter color. 3-4' tall and wide. **DR, SH**
55. **KNOCK OUT, SUNNY** A lovely primrose yellow version -- the yellow color being strongest in cool temperatures. Attractive dark green leaves. More upright than Knock Out. 3-4' tall and wide. **DR, SH**
56. **WHITE OUT** The closest thing to a white Knock Out rose. Single, creamy white flowers with yellow centers really pop against the dark green leaves. Compact and disease resistant. 3' tall and wide. **SH**

OWN ROOT DAVID AUSTIN ENGLISH ROSE

Hybridized by Englishman David Austin, these shrub roses are well-known for their deeply cupped, heavily petaled flowers with rich, complex fragrances. Those with longer canes may be grown as climbing roses. We expect the following varieties in late April.

Bishop's Castle - rich pink. 4' tall by 3' wide.

Carding Mill - apricot pink. 4' tall by 3.5' wide. **FR**,

Darcey Bussell - deep crimson. 3' tall by 2' wide.

Golden Celebration - golden yellow. 4' tall by 4' wide. **FR**,

Lady of Shalott - salmon pink and golden yellow. 4' tall by 4' wide.

Queen of Sweden - pale pink with hints of apricot. 3' tall by 2' wide.

Tess of the d'Urbervilles - bright crimson. 4' tall by 3.5' wide.

Winchester Cathedral - white. 4' tall by 4' wide. **FR**,

OWN ROOT DRIFT, EASY ELEGANCE & FLORAL CARPET ROSES

Drift roses are a cross between full-size groundcover roses and miniatures that exhibit the toughness, winter hardiness and disease resistance of the former as well as the compact form and repeat blooming nature of the latter. Their low, spreading form makes them ideal for groupings and combo planters. 18" tall by 2-3' wide.

Easy Elegance is a series of hardy, disease resistant and easy to grow shrub roses that have been thoroughly tested for excellent garden performance at 20 sites throughout North America.

Flower Carpet roses are shrub roses noted for their vigor, disease resistance, easy care and continuous bloom. Their low and spreading growth habit makes them well suited for groundcover use and mass plantings. 18-30" tall by 18-36" wide.

Drift	Easy Elegance	Flower Carpet
Apricot	Calypso - apricot blend	Amber
Peach	Grandma's Blessing - rich pink	Appleblossom
Pink	High Voltage - yellow	Coral
Red	Kashmir - true red	Pink Supreme
White	Macy's Pride - creamy white	Red
	Sunrise Sunset - pink blend	Scarlet
	Sweet Fragrance - apricot	White

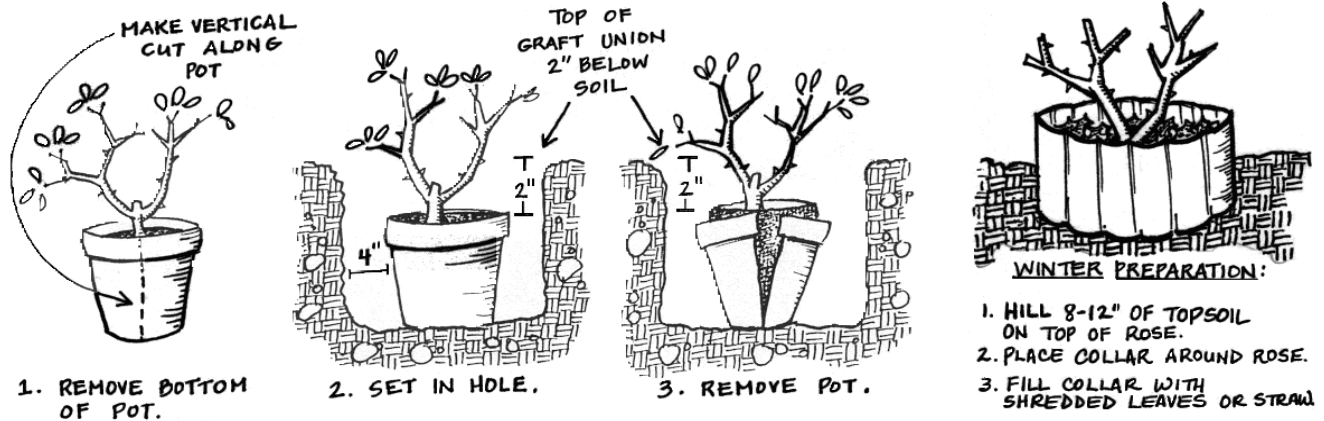
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PLANTING & CARE

Site Selection and Preparation Select a site that provides plenty of air circulation, good soil drainage, and ideally, at least 6 hours of direct sun daily. Dig the soil to a depth of 18" and mix in organic matter such as Chalet Leaf Mulch, cotton burr compost or dehydrated manure. The ratio should be 1 part organic matter to 3 parts soil. This is also a good time to mix in a starter food with beneficial soil microbes such as **Espoma Bio-Tone Starter Plus** or **Bonide Root & Grow Plant Starter**.



Planting Roses should be spaced 24 to 30" apart or more. Dig the hole wide enough to easily fit the root ball. Depth of the hole depends upon whether the rose is grafted or own root. Roses in the catalog without "OR" (own root) at the end of the description are grafted, mostly the hybrid teas and grandifloras, and should be planted deeper for winter hardiness.

- If **grafted**, the depth should be that when the root ball is set in the hole, the **graft union** (the knobby growth between the branches and the roots) is **1 to 2" below ground level**. This is important in our climate to increase winter hardiness.
- If the rose is **own root**, the rose should be planted with the top of the root ball level with the soil surface.
- Set the rose in the hole, positioning as desired. Carefully slit the side of the pot and remove.
- Refill the hole with the amended soil and tamp gently to eliminate air pockets (again, be sure the graft union is 1-2" below the soil surface when planting is complete).
- Water thoroughly and apply a 1" layer of fine-textured mulch such as Chalet Leaf Mulch, shredded pine or pine fines.

FERTILIZING OPTIONS

Earth Friendly Naturals:

- **Espoma Rose-Tone** or **Dr. Earth Rose & Flower Fertilizer** Organic, granular slow release. Apply first in April after pruning or planting. Apply fertilizer again after the first flush of blooms and lastly at the end of July.
- **Greensand** Granular. Extends bloom and promotes winter hardiness. Apply twice per year, April and September.

INSECT AND DISEASE CONTROL OPTIONS

Synthetic:

- **Bayer All-in-One** Mix with water and pour. Feeds and provides long-term insect and/or disease control. Apply three times per year at 6 week intervals starting in April.
- **Bonide Rose Rx Systemic Drench** Mix with water and pour. Protects against insects and disease for 6 weeks. Apply three times per year at 6 week intervals starting in April.
- **Bayer Insect, Disease & Mite Control** Ready-to-use spray. Protects up to 30 days.
- **Bonide Infuse or Immunox** Mix with water and spray. For the two most common diseases of roses, black spot and powdery mildew, apply at 7-10 day intervals if weather is rainy and cool.

Earth Friendly Naturals:

- **Espoma Earth-tone 3n1 Disease Control** Ready-to-use spray. Controls insect and disease.
- **Captain Jack's Deadbug** Ready-to-use spray. Controls insects organically.
- **Bonide Copper Fungicide and Sulfur Fungicide** Mix with water spray and/or dust. Controls disease organically.

To learn more about these products please visit the Garden Shop Plant Health Care clinic.

WATERING

A thorough watering should be given at least once per week if there is not sufficient rainfall, or good drenching rains. Water 1" per week when temps are below 85° F and 1 ½" per week when temps are above 85° F. Deep, hand-watering in the morning is best. Be careful to keep water off the foliage, as this can spread disease. Leaf mulch, shredded bark or small chunk bark should always be used to conserve soil moisture, control weeds and improve bed appearance.

PRUNING

In spring before growth starts, prune roses hard (**other than climbers, species roses and some shrub roses**). Even if the canes are green, cut the stems back to an outward facing bud, leaving them 4-8" tall. What rosarians say about pruning hard and getting new branches from the bottom is true. You'll also be removing overwintering blackspot spores that lurk in old leaves and canes.

In late fall, prepare hybrid teas for winter by cutting back to 18-24". Do not cut back climbers, as they generally bloom on old wood. Shrub roses can be cleaned up and shaped in fall or you can wait until spring. There is no need to cut them back hard, unless you are doing a renewal pruning.

WINTER PROTECTION

The best method of winter protection is to hill the roses up with 8-12" of bagged topsoil or shredded leaf mulch. Roses should be hilled after we've had a few solid freezes and the ground is hard, generally around late November or early December. Rose collars are useful in keeping the soil and additional mulching material, such as straw or shredded leaves, in place. Protection should be removed in the spring when the danger of hard freezes has passed, generally around the third week of March.