



Proper Rose Care Improves Performance

Allen Owings, Professor (Horticulture), LSU AgCenter, Hammond Research Station

Late summer is the time to begin preparations for spectacular fall blooms on your roses. The roses at the LSU AgCenter Botanic Gardens will be at peak bloom for the Wine and Roses event in October.

Fall is arguably the best time of the year for rose flowers in Louisiana. Peak fall flowers can begin as early as early October and continue through mid November.

You have probably noticed in the summer months that flower colors are less intense and blooms are smaller. This is simply a function of summer heat. The best flower color occurs at first bloom in spring and at peak bloom in fall. Flower size also is best at these times of year. You will see darker green leaf color, especially if roses are maintained under a good fertilization program.

Improve your rose performance by pruning correctly, fertilizing regularly, having plants in a full sun location, managing insects and diseases, and using pine straw mulch.

Pruning

Hybrid tea roses can be pruned back to a height of 30-36 inches in the late summer and should be pruned back to 18-24 inches (or even shorter sometimes) in February. Remove crossing and competing canes and remove canes in the centers of the plants. This thinning type of cane-removal pruning is generally recommended for late-winter pruning, but it is beneficial in late summer, too.

Floribunda, grandiflora and landscape shrub roses are typically pruned in late summer to reduce plant height by one-third. Fall blooms will normally peak 45-50 days after pruning – this is somewhat dependent on growing conditions after pruning, however. When pruning in February, reduce height by two-thirds.

Weed control and mulch

In conjunction with pruning, clear debris from rose beds and pull any weeds that may be present. Add a granular pre-emergent herbicide for weed control, and mulch with a 2-inch

to 3-inch layer of baled or shredded pine straw. Any new mulch can just be added on top of old mulch already in the beds. Pine bark and other mulch materials can be used if pine straw is not locally available. If disease has been an issue, spray a cover of mancozeb fungicide under the rose bushes on top of the mulch.

Irrigation

Roses need irrigation during droughty periods. One of my consulting rosarian friends has calculated rose irrigation demand as being 0.89 inches weekly (we will just round that off to 1 inch).

Insects

It is possible that insects will appear on roses in fall, but insects are more of an issue in spring and summer. Scout plants once weekly. Spider mites, aphids, flower thrips and cucumber beetles are usually the main problem insects on roses. A new insect causing major problems on roses in Louisiana is chilli thrips. These are foliage-feeding thrips instead of flower-feeding thrips. They are hard to identify and hard to control once a population is established. Spinosad, an organic insecticide, is one of the better chilli thrip control options.



Distorted new growth after pruning is an indicator of chilli thrip infestation.

Disease Control

It is important to continue disease control on roses in late summer and fall. If weather is dry, foliage diseases may not be

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a major problem. But if we have rainfall or overwater or if plants are in partial shade or have air circulation issues, disease can occur. The amount of disease on roses largely depends on the kind of roses you have. Landscape shrub roses rarely need regular fungicide applications, while hybrid teas, the roses most susceptible to blackspot fungus, need spraying on 10-day schedule until the first killing frost.

Fertilize

Be sure to fertilize in late summer, too. Most people fertilize at the same time as pruning and mulching. A slow-release fertilizer will produce nice, uniform foliage growth through September and promote October flowering. Rose beds that have been regularly fertilized and contain soil high in phosphorus, potassium, calcium and magnesium may need less fertilization than newer beds or beds that have not been regularly fertilized. Liquid feed can also be included to encourage bloom size in early October.

pH

If soil pH is wrong in your rose beds, fall is a great time to address this issue. The ideal soil pH for roses is 6.2-6.5. Soil testing at the LSU AgCenter is \$10 per sample.

New Roses

Mid-September through October is a great time to plant new roses in your landscape. Try low-maintenance landscape shrubs like the Knock Out varieties and the Drift series. Good floribundas include Hot Cocoa, Julia Child, Easy Does It and Easy Goin'. You also can select lower-maintenance hybrid tea roses, but these are more available at garden centers in the spring. The Drift roses are Louisiana Super Plants and are increasingly available at local nurseries in seven flower colors. The American Rose Society has named Belinda's Dream and Cinco de Mayo as two great roses for Louisiana. New American Garden Rose Selections for 2017 will be announced soon.

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THE NEWSLETTER is a quarterly publication of the Burden Horticulture Society and the LSU AgCenter Botanic Gardens at Burden, which is part of Burden Museum & Gardens.

Newsletter Submissions:
BotanicGardens@AgCenter.LSU.edu

DiscoverBurden.com

4560 Essen Lane,
Baton Rouge, LA 70809



2017
Art Exhibition

Steele Burden Memorial Orangerie
and Ione Burden Conference Center
LSU AgCenter Botanic Gardens at Burden
Baton Rouge, Louisiana

Brush With Burden

Call for Entries
Deadline: January 20, 2017

The LSU AgCenter and the Burden Horticulture Society announce the call for entries for the 2017 Brush With Burden Art Exhibition, featuring "Southern Sights."

Register today at CallforEntry.org. For more information, contact LSU AgCenter Botanic Gardens at 225-763-3990 or brushwithburden2017@gmail.com



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The Burden Horticulture Society
invites you to dine in the
Rose Garden at the LSU AgCenter Botanic Gardens

Celebrating the 50th Anniversary of
the Burden Family Legacy

Cocktails and Hors d'oeuvres
Cocktail seating available
Music by the John Gray Jazz Trio
6 p.m.

Dinner
Rose Garden at Burden
7 p.m.

Wednesday, October 12, 2016

LSU AgCenter Botanic Gardens at Burden
4560 Essen Lane . Baton Rouge

Cocktail Attire

\$100 per person for members reserving before October 1
\$125 per person for nonmembers and members reserving after October 1
(limited seating)

Please respond on the enclosed card by October 3, 2016
Shuttle service provided from parking area

Volunteers Wanted

Complete the form below and mail it to Burden Horticulture Society, 4560 Essen Lane, Baton Rouge, LA 70809. Or use the entry form on the 'Join Us' page of the Burden Horticulture Society website: www.BurdenHorticultureSociety.com

You also can contact our volunteer coordinator John Hough at 225-763-3990 or jedgarhough@gmail.com

Volunteer Opportunities

- | | | | |
|--|-------------------------------------|---|--|
| <input type="checkbox"/> Gardening | <input type="checkbox"/> Speakers | <input type="checkbox"/> Fundraising | <input type="checkbox"/> Publicity |
| <input type="checkbox"/> Clerical | <input type="checkbox"/> Database | <input type="checkbox"/> Volunteer Coordination | <input type="checkbox"/> Reflections in the Garden |
| <input type="checkbox"/> Annual Events | <input type="checkbox"/> Membership | <input type="checkbox"/> Trees and Trails | <input type="checkbox"/> Educational Programs |

Name: _____

Phone: _____ Email: _____



Since corn doesn't grow well in rainy weather, we invite you to experience a new adventure. Join us for a crazy, hayzie, Hay Maze.



Corn/Hay Maze Festival

Oct. 1 . 10 a.m.-5 p.m.

Find your way out of the corn/hay maze, climb the hay mountain, paint a pumpkin, test your skill at the giant slingshots, visit the farm animals petting zoo, kid's zip-line and more. Concessions available. Admission - \$10 (separate from Harvest Days admission) . Free for children 3 and younger.

Corn/Hay Maze Saturdays

Oct. 8, 15 and 22 . 10 a.m.-5 p.m.

The fun continues in October. Wind through the maze, climb hay mountain, try the giant sling shots, visit the farm animals petting zoo, zip along on the kid's zip-line, take a hayride and more. Concessions available . Admission - \$10 . Free for children 3 and younger.

Night Maze and Bonfire

Oct. 29 . 10 a.m.-9 p.m.

Enjoy the farm animals petting zoo, corn/hay maze, hay mountain, giant slingshots, kid's zip-line, evening bonfire, s'mores, music and more. Wear your costume. Concessions available . Admission - \$10 . Free for children 3 and younger.



LSU AgCenter Botanic Gardens at Burden
Burden Museum & Gardens
4560 Essen Lane . 225-763-3990
DiscoverBurden.com



Emerald City Reimagined

The LSU AgCenter Botanic Gardens at Burden are indeed that gem of green space in the heart of Baton Rouge. For the entire month of October it will also be the site for the Corn/Hay Maze, offering family fun every Saturday from 10 to 5. So will there be LIONS, TIGERS AND BEARS, OH MY? How about pygmy goats, chickens and alpacas, oh my?

Join Dorothy and be on the look-out for lots of scarecrows, a Cowardly Lion and the Tin Man. Use the giant sling shot and take aim at the wicked witch. Fly like a monkey on the new zip lines. Climb to the summit of the hay mountain and circle the orchards on a hay ride. It's time for some magical moments!



Special Thanks to Our Presenting Sponsor



If you would like to receive this newsletter electronically only, please email BotanicGardens@AgCenter.LSU.edu



Garden Fest

LSU AgCenter Botanic Gardens

Thank You Garden Fest Sponsors





Celebrating 50 Years

In 1966, Ione, Steele and Mrs. Pike (Jeannette) Burden began donating their family's property to LSU to be enjoyed by future generations. Today, it is known as Burden Museum & Gardens. This year, 2016, marks the 50th anniversary of the Burden family gift. The donation of this property by the Burden family is one of the largest donations made in the history of LSU.

The LSU AgCenter Botanic Gardens at Burden include 440 acres of specialty gardens, historic Windrush Gardens, Barton Arboretum, the Burden Woods and plant research facilities right in the heart of Baton Rouge.



Discover
BURDEN
Museum & Gardens

Burden Museum & Gardens offers discovery and adventure through historic, natural and educational experiences that provide a window into Louisiana's rich cultural past. Situated on 440 acres in the heart of Baton Rouge, Burden Museum & Gardens includes the LSU Rural Life Museum, LSU AgCenter Botanic Gardens and Windrush Gardens.

Upcoming Events

Harvest Days

October 1-2 . 8 a.m.-5 p.m.
LSU Rural Life Museum

Corn Maze Festival

October 1 . 10 a.m.-5 p.m.
LSU AgCenter Botanic Gardens

Corn Maze Saturdays

October 8, 15 & 22 . 10 a.m.-5 p.m.
LSU AgCenter Botanic Gardens

Night Maze & Bonfire

October 29 . 10 a.m.-9 p.m.
LSU AgCenter Botanic Gardens

Haints, Haunts & Halloween

October 30 . 3:30 p.m.-6 p.m.
LSU Rural Life Museum



For more details and admission information on these and other upcoming events, visit our website:
DiscoverBurden.com



LSU

Burden Museum & Gardens . 4560 Essen Lane . Baton Rouge
225-763-3990 . DiscoverBurden.com . Open 8 a.m. to 5 p.m. daily



LSU AgCenter Botanic Gardens
 4560 Essen Lane
 Baton Rouge, LA 70809

PHYSICAL LOCATION: 4560 Essen Lane, Baton Rouge, La. 70809 | (225) 763-3990 | DiscoverBurden.com

Upcoming Events at LSU AgCenter Botanic Gardens at Burden

October 2016

- Oct. 1, 10 am - 5 pm Corn / Hay Maze Festival Food & Fiber Research field
 Farm animals, pumpkin & face painting, corn box, zip line, hay maze, giant sling shots & hay mountain and ride.
- Oct. 3, Noon - 1 pm Reflections in the Garden Ione Burden Conference Center
 ‘Louisiana’s Cultural Heritage’ Randy Harelson, Artist, Writer, Horticulturist, Educator
- Oct. 4, 6 pm. Master Gardeners EBR, Monthly meeting Ione Burden Conference Center
- Oct. 8, 10 am - 5 pm Corn / Hay Maze Festival Food & Fiber Research field
 hayride, hay mountain, giant sling shots, popcorn and soft drinks.
- Oct. 12, 6 - 9 pm Wine and Roses Steele Burden Memorial Orangerie
- Oct.15, 10 am - 5 pm Corn / Hay Maze Festival Food & Fiber Research field
 hayride, hay mountain, giant sling shots, popcorn and soft drinks.
- Oct. 16, 4 - 6 pm Capital Area Native Plant Society, Native Plant Propagation Ione Burden Conference Center
- Oct. 19, 7:00 pm Orchid Society of Baton Rouge, Monthly meeting. Ione Burden Conference Center
- Oct. 22, 10 am - 5 pm Corn /Hay Maze. Food & Fiber Research field
 hayride, hay mountain, giant sling shots, popcorn and soft drinks.
- Oct. 27, 6:30 pm Herb Society Baton Rouge, Gala 25th Anniversary Celebration Ione Burden Conference Center
- Oct. 29, 10 am - 9 pm Night Maze Food & Fiber Research field

November 2016

- Nov. 1, 6 pm Master Gardeners EBR / Monthly meeting Ione Burden Conference Center
- Nov. 7, Noon - 1 pm Reflections in the Garden Ione Burden Conference Center
 ‘Plants of Asian Persuasion’ Wanda Chase, Imahara’s Landscape
- Nov. 16, 7:00 pm Orchid Society of Baton Rouge, Monthly meeting Ione Burden Conference Center
- Nov. 20, 4 - 6 pm Capital Area Native Plant Society, Native Plant Propagation Ione Burden Conference Center

December 2016

- Dec. 2, 8 am - Noon Pointsettia Sale Greenhouse
- Dec. 5, Noon - 1 pm Reflections in the Garden Ione Burden Conference Center
 ‘Art Inspiration for Your Garden’ Scott Bolick, Artist
- Dec. 6, 6 pm Master Gardeners EBR. Ione Burden Conference Center
- Dec. 18, 4 - 6 pm Capital Area Native Plant Society, Native Plant Propagation Ione Burden Conference Center
- Dec. 18, 3 - 5 pm Herb Society Baton Rouge Christmas Party. Ione Burden Conference Center
- Dec. 21, 7:00 pm Orchid Society of Baton Rouge Ione Burden Conference Center

January 2017

- Jan. 3, 6 pm Master Gardeners EBR, Monthly meeting Ione Burden Conference Center
- Jan. 9, Noon - 1 pm Reflections in the Garden Ione Burden Conference Center
- Jan. 15, 1:30 - 4 pm & 4 - 6 pm. Capital Area Native Plant Society, Quarterly meeting, Native plant propagation. . Ione Burden Conference Center
- Jan. 21, 9 am - 1 pm Arbor Day Burden Woods
 Plant trees in the Burden Woods to celebrate Arbor Day in Louisiana.
- Jan. 18, 7:00 pm Orchid Society of Baton Rouge/Monthly meeting Ione Burden Conference Center
- Jan. 26, 3 - 5 pm Herb Society Baton Rouge / Monthly meeting Ione Burden Conference Center

For more information on these and other upcoming events at Burden Museum & Gardens, visit DiscoverBurden.com