

Growing Facts about Blueberries

- 800 to 1000 chilling hours
- Vegetative buds and flower buds
- Full sun (6-8 hrs), protection from winter winds
- Open flowers vulnerable to frost
- Blueberry sets it flower bud in 2nd, 3rd, and 4th year canes.
- Shallow rooted plants ¢ultivars differ in pollination
- different cultivars
- Low bush, high bush and half-high bush blueberries







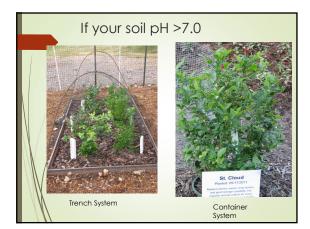
Cultivars – Top hat

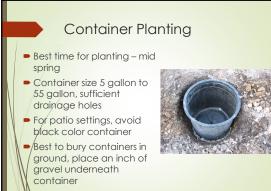
Home Fruit Cultivars For Southern Wisconsin (A2582) learningstore.extension.wisc.edu 1er ars for Southern Wis \$11.50 Share this put

If Your Soil pH is Between 5.5 to 7

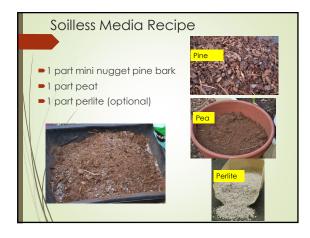
- Prepare your soil at least a year before planting
- Good weed control is critical
- Mix peat 4-6 inches into the top soil.
- Incorporate elemental sulfur a year before planting:
 - For sandy loam soil, add 1-2 lbs of elemental sulfur per 50 cubic feet (10' x 10' x 6").
 For loamy soil, use 3-6 lbs of elemental sulfur for 50 cubic feet.
 - Aluminum sulfate not recommended, Iron

sulfate too expensive and need large quantity (6-8 times the rate of elemental sulfur).





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Organic Fertilizer (Dr. Brian Smith, UW River Falls)							
N Source	Analysis	Action rating	Comments				
alfalfa meal	3-1-2	slow to med. (3 mos.)	good micro source				
fish meal	10-4-0	slow(4-6 mos)					
fish emulsion/seaweed/k elp	varies	quick	use for foliar feeding, check analysis				
blood meal	12-1.5-0.6	med-fast (6-8 weeks)					
cottonseed meal	6-2.5-1.7	mos)	some sources are contaminated and not allowed for organic prod.				
soybean meal	6.7-1.6-2.3	slow-med "					
well-composted manure/compost	varies dramatically	slow to med (usually)	check sources for compost; conduct analysis				

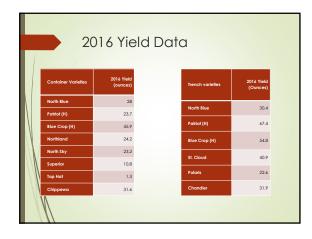














Good varieties based on our demo trial for both containers and Trench - Bluecrop – high bush, vigorous in growth, medium size berries, good flavor, heavy yielder - Northblue – large size berries, slight acidjć taste, good flavor & aroma

- Polaris Medium size berries, sweet and mild tarty taste, good aroma
- Patriot large berries, mild in sweet and little more tarty taste, good aroma
- St. Cloud Vigorous in growth, small to medium size berries, heavy yielder but mild in taste





What we learned?

♦ Able to maintain the soil acidity

- High bush type performs better in trench
- * Root space restriction can impact the growth and yield
- Trench system comparatively yields better than container in some varieties, but its not as equivalent to field grown
- * Fertilization and frequent light watering is critical

FAQ Can I add compost, fallen leaves from oaks? What to do with existing blueberry plants that are just planted in ground this spring? Is it essential to use a frame in the trench system? Can I grow them in raised beds? How to prune blueberry bush? Acknowledgement: Ivy Trails Nursery (Green Bay), NEW Master Gardener Association (Brown Co.) & DR. Brian Smith, UW River Falls