Welcome to...
Fruit for an Edible Landscape
Common and Unusual

Presented by: Joel Kangas
Owner of Good to Grow, Brandon MN
*University MN Extension Master Gardener
*MN Tree Advocate
What We’ll Cover

General Fruit Growing Guidelines
  Site Selection
  Upkeep/Maintenance

What Grows Here
  Common and Unusual
  The Good
  The Bad
  Things to Know

➢ Suggested Varieties
General Maintenance

- Planting
  - Full Sun
  - Circulation
  - Avoid Low Areas
  - Avoid South Facing Areas Near Buildings
  - Shallow is far better than deeper
- Water every day for new plants
  - Once per week for established plants
  - Thumb check
- Mulch
  - Weeds & Water & Frost & Heat & Nutrients
  - Wood Chips or Straw
- Pruning
  - Strong structure
  - Enhance fruit production
  - Pest & disease control
Apples

The most popular fruit for the home garden. Needs a pollinator.

• **The Good**
  • Many varieties
  • Good fruit quality
  • High yields
  • Good storage
  • Well studied

• **The Bad**
  • Every disease and pest known to man
  • High maintenance

• **Things to Know**
  • Pick the right root stock
  • Spread out ripening time
  • Stay away from Heirlooms
  • Look for Good "Keepers"
  • Sweet and Tart Varieties
  • Don't discount Crabapples
Apricots

Smallish self-fruitful stone fruit with good, sweet fruit quality. Attractive trees with prolific blossoms and glossy green foliage.

**The Good**
- Good fresh fruit quality
- 3- Season ornamental

**The Bad**
- Early bloom (frost damage)
- Some insect and disease issues

**Things to Know**
- Benefit from fruit thinning
- Good for dried fruit
- July/August Ripening
- Zone 3 hardy (Pioneer, Westcot, Scout)
- Moongold & Sungold need a pollinator
Aronia (Black Chokeberry)

North American native, multi stemmed semi self-fruitful shrub to 8’ with clusters of dark blue/black 3/8” fruit.

- **The Good**
  - Super fruit - highest in antioxidants
  - Adaptable
  - Good insectory
  - Low maintenance
  - Low fertility requirements
  - Pest/Disease resistant
  - Red Fall foliage

- **The Bad**
  - Astringent

- **Things to Know**
  - Good keeper in the fridge
  - Late August ripening
  - Part shade tolerance
  - Excellent Jelly/Syrup
  - Black, Red, Purple varieties
  - Common varieties are actually European
  - Benefit from cross pollinator
Blueberry

• Native to North American.

• **The Good**
  • Good fruit quality
  • Well known/studied
  • Fall color

• **The Bad**
  • Require acidic soil
  • Slow growing
  • Harder to pollinate

• **Things to Know**
  • Need a pollinator
  • Bushes/Shrubs
  • Raised beds
Sand Cherry

Tibetan multi stemmed shrub 6-8’ tall and wide with 3/8” bright red fruit, striking green foliage and gold fall color.

- **The Good**
  - Excellent fruit quality
  - Great Yield
  - Great 3 season ornamental

- **The Bad**
  - Fruit to pit ratio?

- **Things to Know**
  - Great hedge
  - Variable fruit quality
  - Early July ripening
  - Recover from damage
  - Semi-self Fruitful
  - Great wine maker
Bush Cherry (Carmel Jewel)
Dwarf sour cherry out of the university of Saskatchewan. 5/8” dark red fruit with semi-sweet.

- **The Good**
  - First Cherry to ripen (CJ)
  - Excellent fruit quality
  - Great yield
  - Self-fruitful
  - Good flesh to pit ratio
- **The Bad**
  - Smallish fruit (compared to "normal" pie cherry trees- Evans Bali)
- **Things to Know**
  - Other varieties are becoming available with higher sugar content (Romance Series)
  - Bush form good for harvest
  - Hanson very astringent
Cherry Trees (Pie Cherry)

• Naturally dwarfing tree to 12' with 1" semi-sweet to sour fruit.

• The Good
  • Good fruit quality
  • Spring/Summer ornamental value
  • Self-fruitful
  • Small trees

• The Bad
  • Birds
  • Tart for fresh eating
  • Med. maintenance

• Things to Know
  • Bird netting
  • Early July ripening
Highbush Cranberry

Native tree/bush to 15’ with large clusters of bright red barriers.

**The Good**
- No major pest
  - (yet- Viburnum Leaf Beetle)
- Low maintenance
- Good insectory plant, supports pollinators
- Wildlife food
- Good hedge/Screen Plant

**The Bad**
- Drought intolerant?

**Things to Know**
- Not a true Cranberry, but very similar in taste and texture
- High natural pectin content
- Seed are astringent (remove before processing)
- moist loam soils preferred
- Tart for fresh eating
Currant/Gooseberry/Jostaberry

3-6 foot round shrubs with clusters of red, green, pink, black, or white berries.

- **The Good**
  - Natural pectin (currant)
  - Pretty bushes/shrubs
  - Stay ripe a long time
  - Great w/ raspberry, rhubarb, strawberry

- **The Bad**
  - No showy flowers
  - Gooseberry has spines

- **Things to Know**
  - Self-fruitful
  - Heat intolerant
  - Partial shade tolerant
  - Benefit from mulching
  - Both native and European varieties
Elderberry
Native semi self fruitful shrub with multiple canes. White flowers in the summer followed by large clusters of dark blue/black barriers.

- **The Good**
  - Super fruit (extremely high in anthocyanins, flavonoids and vitamin C
  - Low maintenance
  - Good insectory
  - Wildlife food
  - Great syrup and wine
  - Late bloom sustains pollinators

- **The Bad**
  - Too astringent for fresh eating
  - Some disease issues reported

- **Things to know**
  - Needs renewal pruning to stay fruitful
  - Part shade tolerant
  - Benefits from a cross pollinator
Grapes

Long multi-branched vines 25’ plus

• The Good
  • Great for a trellis
  • Very versatile
  • Great yield
  • Many varieties
    • Wine
    • Seedless
    • Table Grapes

• The Bad
  • Fairly labor intensive
  • Disease and pest issues
  • Need a lot of space

• Things to Know
  • Very 2,4-D sensitive
  • Prune very early
  • Birds can be an issue
Honeyberry

Highly variable, 3’ to 6’ tall bush with blue oblong fruit. Originating in Russia and Japan.

• **The Good**
  - Good fruit quality
  - Bushes/Shrubs
  - Alternative to blueberry (no pH requirement)

• **The Bad**
  - Some are marginally hardy
  - Somewhat tart fruit

• **Things to Know**
  - Need a pollinator
  - Partial shade tolerant
  - No pH requirement
  - Haskap is technically the Japanese variety
  - An edible member of the honeysuckle family
Peach

Self-fruitful stone fruit with excellent, sweet fruit quality. Attractive trees with prolific blossoms and glossy green foliage.

- **The Good**
  - Outstanding fresh fruit quality

- **The Bad**
  - Marginal Zone 4
  - Early bloom (frost damage)
  - Short Lived
  - Some insect and disease issues

- **Things to Know**
  - Very "iffy" hardiness
  - Benefit from heavy mulch after hard frost
  - Must be kept as healthy as possible
Pears

• **The Good**
  - Good fruit quality
  - Decent storage
  - Does well in heavy, clay soil

• **The Bad**
  - Some disease
    - Fire blight in older varieties
  - High maintenance
    - Training
    - Cross pollenizer issues

• **Things to Know**
  - Vigorous growth
  - Pick the fruit **before** ripe (except SummerCrisp)
  - Prune **after** bloom
  - No nitrogen
Plums

• **The Good**
  - Good fruit quality
  - Pretty trees

• **The Bad**
  - Variable cropping
  - Heavy pruning
  - Plum curculio

• **Things to Know**
  - European: Self-Fruitful
    - Sweet Skin
  - Japanese/American: Need a pollinator
    - Sour Skin
  - Prune *after* bloom
Raspberry

**The Good**
- Excellent fruit
- Many varieties
  - Red
  - Fall/Ever Bearing
  - Yellow (Albino Reds)
  - Purple
- Prolific
- Long season

**The Bad**
- Labor intensive
- Spotted Wing Drosophila
- Virus susceptible
- Susceptible to fungal disease
- Wasps & Picnic beetles
Raspberry Things to Know

- Fall Bearing
  - 1st Year Canes in Fall
  - 2nd Year Canes in Summer
  - Can be mowed down
- Summer Bearing
  - 2nd year fruiting only
- Red and Yellow in Rows
- Purple and Black in “hills”
- Fertilize w/ Ammonium Nitrate or 10, 10, 10
- Water often
- Pick fruit **daily**- keep as close to 32° as possible
- Clean up windfall
- Prune heavily
Saskatoon
(June Berry/Service Berry)

Native tree/bush to 15’ with large clusters of dark blue/purple barriers.

• **The Good**
  - Exceptional fruit quality—rich, deep flavor
  - Pretty trees
  - Great alternative to blueberry
  - High nutritional value

• **The Bad**
  - Rust and other “apple” diseases

• **Things to Know**
  - Keep them dry
  - Partial shade tolerant
  - No pH requirement
  - AKA Service Berry/June Berry
  - Need Zero weed/grass competition for the first several years
Specific Varieties

- Aronia
  - Viking
- Bush Cherry
  - Carmine Jewel
  - Romance Series
- Currant
  - Red Lake
  - Blanca (White)
- Elderberry
- Gooseberry
  - Hinnomaki
  - Pixwell
- Grape
  - Swenson
  - Somerset
  - St Theresa
- High Bush Cranberry
  - Kalinka
- Honeyberry
  - Borealis
  - Berry Blue
- Jostaberry
- Peach
  - Contender
- Sand Cherry
  - Nanking
- Saskatoon
  - Northline
  - Regent
Specific Varieties

- Apricot
  - Westcot
  - Scout

- Apple
  - Zestar
  - Honeycrisp
  - Haralred
  - Fireside
  - Sweet Sixteen
  - Centennial Crab
  - Dolgo Crab

- Pear
  - Summerrcisp
  - Patten

- Plum
  - European
    - Mount Royal
  - Asian/American Hybrid
    - Waneta
    - Toka
    - Superior

- Cherry Tree
  - Evans Bali

- Raspberry
  - Summer
    - Killarney
  - Fall
    - Autumn Britten
    - Caroline
    - Anne Yellow
Thanks for Coming!

For More Info, please visit:

Sign up for FREE Healthy Grow Reminders during the Season – email: info@goodtogrowtrees.com

- Ask a U of M Extension Master Gardner or MN Tree Advocate
- Helpful Information Sources:
  - http://www.extension.umn.edu/garden/yard-garden/fruit/
  - http://www.fruitedge.umn.edu/
  - http://www.fruit.cornell.edu/
  - http://www.ext.nodak.edu/extnews/askext/fruits.htm
  - http://hort.uwex.edu/topics/fruits
  - http://www.starkbros.com/
  - http://uncommonfruit.cias.wisc.edu/
  - https://www.ag.ndsu.edu/carringtonrec
  - http://plants.usda.gov/plantguide/
  - https://extension.umaine.edu/cranberries/highbush-cranberry/

Abrianna Lynn Kangas HELPED WITH THIS PRESENTATION
AKA, Joel Edward Kangas’s daughter.