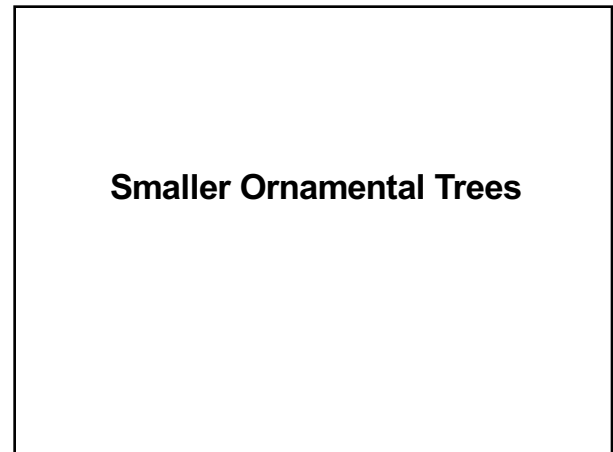
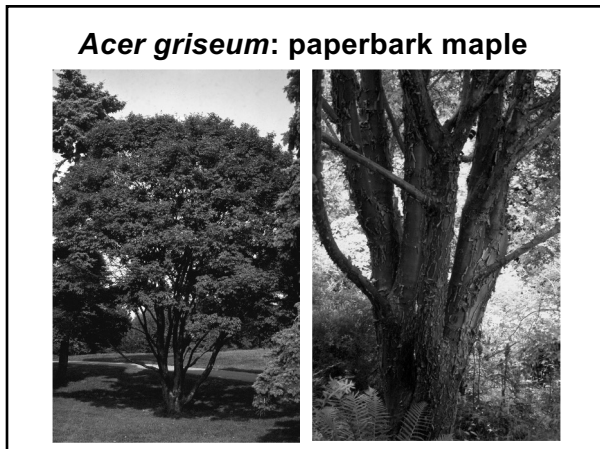




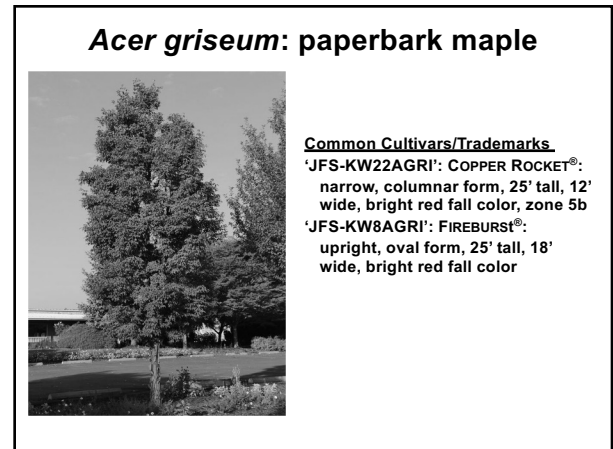
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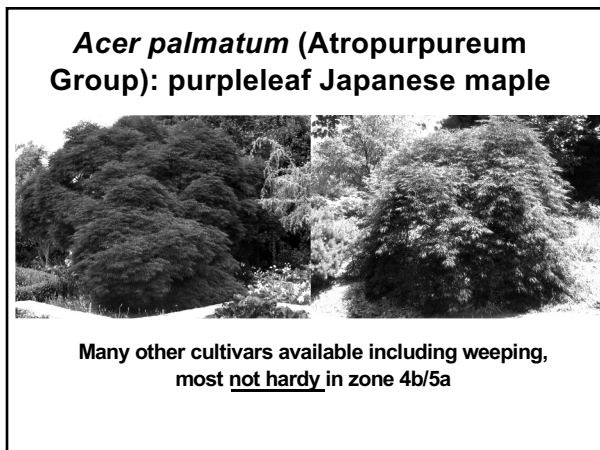
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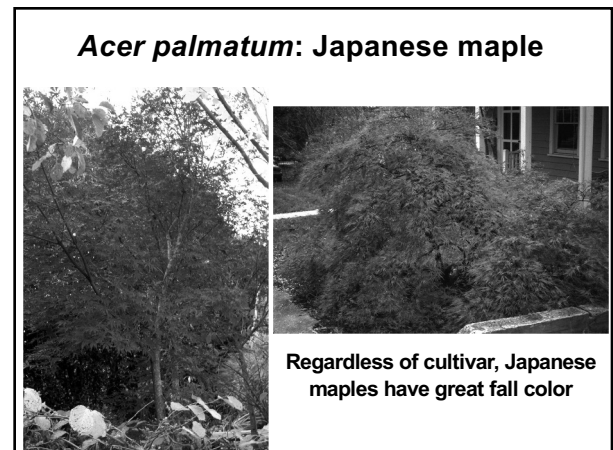
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6

***Acer palmatum* (Atropurpureum Group) 'Wolff':
EMPEROR 1® purpleleaf Japanese maple**



7

***Acer pseudosieboldianum*: Korean
maple, purple-bloom maple**



8

***Acer pseudosieboldianum*: Korean
maple, purple-bloom maple**



9

***Acer* 'IsIAJ': ARTIC JADE® maple**

- ♦ Introduced Iseli Nursery, Boring, OR
- ♦ Hardy to zone 4b
- ♦ Hybrid maple of *Acer pseudosieboldianum* (Korean maple) and *Acer palmatum* (Japanese maple)
- ♦ Member of Jack Frost® Series of hybrid maples
- ♦ Large, deeply cut, green leaves resemble cutleaf full moon maple
- ♦ Good branching
- ♦ Orange and reddish fall color



10

***Acer* 'IsINW': NORTH WIND® maple**



11

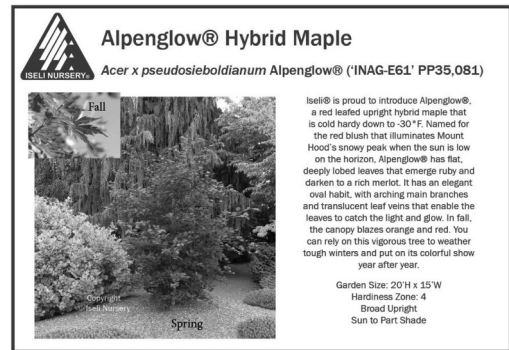
***Acer* 'IsINW': North Wind® maple**



12

Acer 'IsliID': Ice Dragon® maple

13

Acer 'INAG-E61': Alpenglow® maple

14

Acer pensylvanicum: moosewood, striped maple, snake bark maple

15

Acer shirasawanum 'Autumn Moon': 'Autumn Moon' full moon maple

16

Acer triflorum: three-flower maple

17

Acer truncatum: shantung maple or purpleblow maple

18

***Amelanchier x grandiflora*:
apple serviceberry**



19

***Amelanchier x grandiflora*: apple
serviceberry, juneberry**



Common Cultivars/Trademarks

'Autumn Brilliance': upright,
rounded, 20-25' tall, 15-20' wide,
orange-red fall color
'Princess Diana': spreading form, 20-
25' tall, 15-20' wide, red fall color
'Robin Hill': upright, rounded form,
20-25' tall, 15' wide, white flowers
with pink blush, single-stemmed

20

***Amelanchier laevis*: Allegheny
serviceberry**



Common Cultivars/Trademarks

'JFS-Arb': SPRING FLURRY®, upright,
oval form, 30' tall, 20' wide, orange
fall color
'Snowcloud': upright, oval form, 25-
30' tall, 20' wide, scarlet fall color,
single-stemmed



21

***Betula nigra* 'Little King':
FOX VALLEY® river birch**



22

***Betula nigra* 'Studetec':
TECUMSEH COMPACT™ river birch**



23

***Carpinus caroliniana*: American
hornbeam, musclewood, ironwood**



24

***Carpinus caroliniana* 'J.N. Upright':
FIRESPIRE® American hornbeam, musclewood**



Common Cultivars/Trademarks

'J.N. Select A': **FIRE KING®**, oval, rounded form, 20-25' tall and wide, orange-red fall color, fast grower
'J.N. Upright': **FIRESPIRE®**, narrow, upright form, 20' tall, 8-10' wide, bright orange-red fall color
'JFS-KW6': **NATIVE FLAME®**, upright, oval form, 30' tall, 20' wide, reddish fall color
'Uxbridge': **RISE FIRE®**, upright, narrow form, 30' tall, 15' wide, red to orange fall color
'Wisconsin Red': oval to rounded, dense form, 25-30' tall and wide, mainly orange-red fall color, some are yellow

25

***Cercis canadensis*: eastern redbud**



Hardiness is very dependent on provenance (seed source), 'Columbus Strain' and 'MN Strain' are hardiest

26

***Cercis canadensis* 'Pink Trim': NORTHERN
HERALD® eastern redbud**



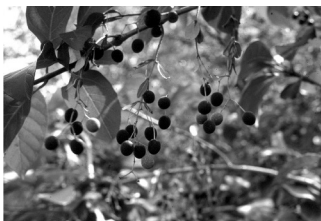
27

***Chionanthus virginicus*: white fringetree**



28

***Chionanthus virginicus*: fringetree**



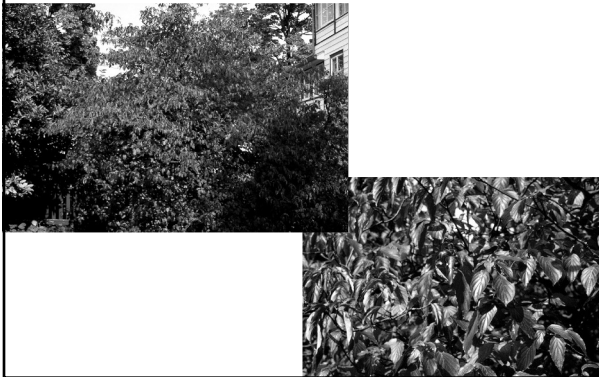
29

***Cornus alternifolia*: pagoda dogwood**



30

***Cornus alternifolia*: pagoda dogwood**



31

***Cornus kousa* var. *chinensis*: Kousa dogwood**



32

***Cornus kousa* var. *chinensis*: Kousa dogwood**



33

***Cornus mas*: corneliancherry dogwood**



34

***Cornus mas*: corneliancherry dogwood**



35

***Cornus mas* 'Golden Glory': 'Golden Glory' corneliancherry dogwood**



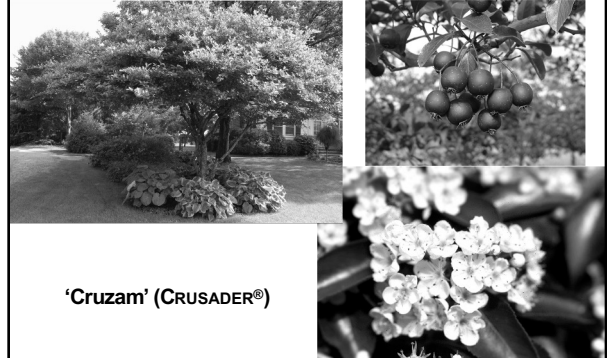
36

***Cornus mas* 'JFS-PN4Legacy': SAFFRON
SENTINEL® corneliancherry dogwood**



37

***Crataegus crus-galli* 'Inermis': thornless
cockspur hawthorn**



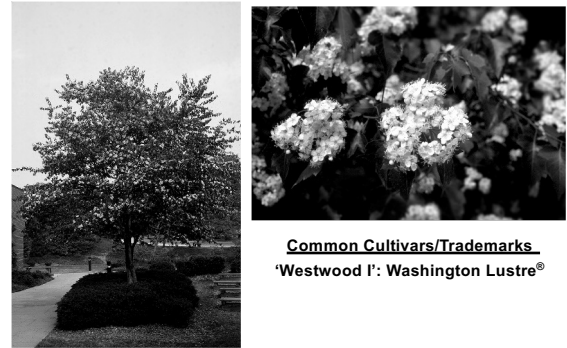
38

***Crataegus* × *lavalleei*: Laval hawthorn
Hybrid of *C. mexicana* and *C. crusgalli***



39

***Crataegus phaenopyrum*: Washington
hawthorn**



40

***Crataegus phaenopyrum*:
Washington hawthorn**



41

***Crataegus viridis* 'Winter King':
Winter King hawthorn**



42

***Crataegus viridis* 'Winter King':
'Winter King' hawthorn**



43

***Halesia carolina*: Carolina silverbell**



44

***Heptacodium miconioides*:
seven-son flower**



45

***Heptacodium miconioides* 'SMNHMRF':
TEMPLE OF BLOOM® seven-son flower**



46

***Maackia amurensis*: Amur maackia**



47

***Maackia amurensis* 'JFS-Schichtel1':
MAACNIFICENT® Amur maackia**



48

***Magnolia x loebneri* 'Merrill': 'Merrill' magnolia**



49

***Magnolia x loebneri* 'Leonard Messel': 'Leonard Messel' magnolia**



50

***Magnolia x soulangiana*: saucer magnolia**



51

***Magnolia stellata*: star magnolia**



52

***Magnolia stellata* 'Centennial Blush': 'Centennial Blush' star magnolia**



53

Little Girl Series Magnolias: 'Ann'



54

Little Girl Series Magnolias: 'Betty'



55

Little Girl Series Magnolias: 'Pinkie'



56

Yellow Hybrid Magnolias: 'Elizabeth'



57

Yellow Hybrid Magnolias: 'Butterflies'



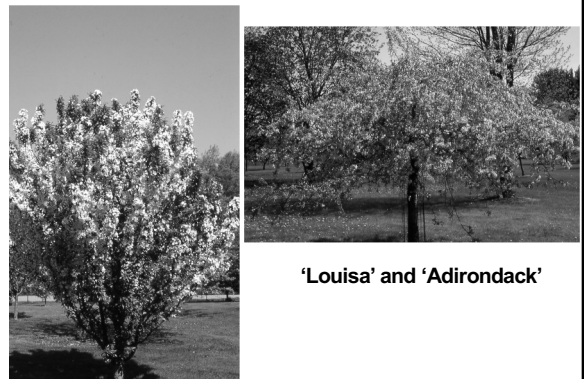
58

Yellow Hybrid Magnolias: 'Gold Finch'



59

***Malus* spp.: flowering crabapple**



60

***Malus sargentii* 'Select A':
FIREBIRD® crabapple**



61

***Malus* 'Jewelcole': RED JEWEL®
flowering crabapple**



62

***Malus* spp.: flowering crabapple
IVORY SPEAR® RASPBERRY SPEAR®**



63

***Malus transitoria* 'JFS-KW5': ROYAL
RAINDROPS® crabapple**



64

***Malus* 'Camzam': CAMELOT®
flowering crabapple**



65

***Malus* spp.: flowering crabapple**

Best Cultivars/Trademarks: White Flowers/Red Fruit

'Adirondack': dense, upright form, inverted cone, persistent, 20' tall, 12' wide, bright red, ½" fruit
M. baccata 'Jackii', hardy to zone 3, upright to rounded form, 20' tall and wide, glossy, green leaves, deep, purple-red, 3/8" fruit
 'Jewelcole': RED JEWEL®, upright, pyramidal form, 15-20' tall, 15' wide, red, ½" shiny, persistent fruit
 'JFS KW214MX': IVORY SPEAR®, narrow, tightly columnar form, 18' tall, 7' wide, bright red, ½" fruit
 'Kinarzam': KING ARTHUR®, rounded form, 10' tall, 12' wide, bright red, ½" fruit

66

***Malus* spp.: flowering crabapple**

Best Cultivars/Trademarks: White Flowers/Red Fruit

- M. sargentii* 'Select A.': **FIREBIRD®**, rounded, spreading form, 8' tall, 12' wide, bright red, 3/8" persistent fruit
- M. sargentii* 'Tina': small, rounded, dwarf tree, 5' tall, 6' wide, bright red, 1/4" fruit, can be alternate bearing
- 'Sutyzam': **SUGAR TYME®**, upright oval to spreading form, 18' tall, 15' wide, red, 1/2" persistent fruit
- M. x zumi* 'Calocarpa': rounded, graceful, spreading form, 20' tall, 24' wide, red, 3/8" persistent fruit

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***Malus* spp.: flowering crabapple**

Best Cultivars/Trademarks White Flowers/Yellow Fruit

- 'Excizam': **EXCALIBUR®**, upright form, 10' tall, 8' wide, light gold, 1/4" fruit
- 'JFS-KW218MX': **SNOW CRYSTAL®**, compact, pyramidal form, yellow to golden-orange, 1/4" fruit
- 'JFS-KW207': **SPARKLING SPRITE®**, dense, round, compact form, 12' tall and wide, yellow to golden-orange, 1/4" persistent fruit
- 'Lanzam': **LANCELOT®**, upright, oval, dwarf form, 10' tall, 8' wide, yellow to gold, 3/8" persistent fruit
- 'Ormiston Roy': upright becoming broad, rounded form, 20-25' tall and wide, orange-yellow, 3/8-1/2" persistent fruit
- 'Spring Snow': no fruit, but very susceptible to scab!
- 'Jarmin': **MARILEE®**, narrow, upright, inverted cone form, 24' tall, 10' wide, double, white flowers, no fruit

68

***Malus* spp.: flowering crabapple**

Best Cultivars/Trademarks Pink or Red Flowers/Red Fruit

- 'Camzam': **Camelot®**, upright, rounded form, 10' tall and wide, gold fall color, burgundy, 3/8" persistent fruit
- M. sargentii* 'Candymint': low, spreading form, 12' tall, 22' wide, purple tinted leaves turning bronze-green, burgundy, 3/8" fruit
- 'Canterzam': **Canterbury®**, rounded, compact form, 10' tall, 15' wide, bright red, 1/4" fruit
- 'Cardinal': broadly spreading, 20' tall and wide, dark purplish-red, glossy leaves turn dark green, deep red, 1/2" fruit
- 'Jefgreen': **EMERALD SPIRE®**, narrow, upright, columnar form, dark greenish-purple leaves, yellow to yellow-orange fall color, 15-20' tall, 4-6' wide, very large, red, 1-1 1/8" fruit
- 'JFS-KW5': **Royal Raindrops®**, upright, spreading form, 20' tall, 15' wide, purple, cut leaves, orange-red fall color, red, 1/4" persistent fruit

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***Malus* spp.: flowering crabapple**

Best Cultivars/Trademarks Pink or Red Flowers/Red Fruit

- 'JFS-KW213MX': **RASPBERRY SPEAR®**, narrow, upright, columnar form, 20' tall, 8' wide, purple leaves, maroon to deep red, 1/2" persistent fruit
- 'JFS-KW139MX': **RUBY DAYZE®**, upright, tightly oval form, 22' tall, 16' wide, purple-red leaves becoming bronze, orange-red fall color, deep red, 1/4" fruit
- 'Orange Crush': spreading form, 12-15' tall, 15-20' wide, bright, orange-rose to crimson red flowers, red to purple fall color, persistent orange-red fruit
- 'Parrsi': **Pink Princess®**, low, spreading form, 8' tall, 12' wide, reddish-green leaves, deep red 1/4" persistent fruit
- 'Prairifire', upright, spreading to rounded form, 20' tall and wide, red-maroon leaves turn reddish-green, dark red, 3/8-1/2" persistent fruit (starting to see some scab)
- 'Purple Prince', rounded form, 20' tall and wide, purple leaves becoming bronze-green, maroon, 3/8-1/2" persistent fruit

70

***Malus* spp.: flowering crabapple**

Best Cultivars/Trademarks Weeping Form

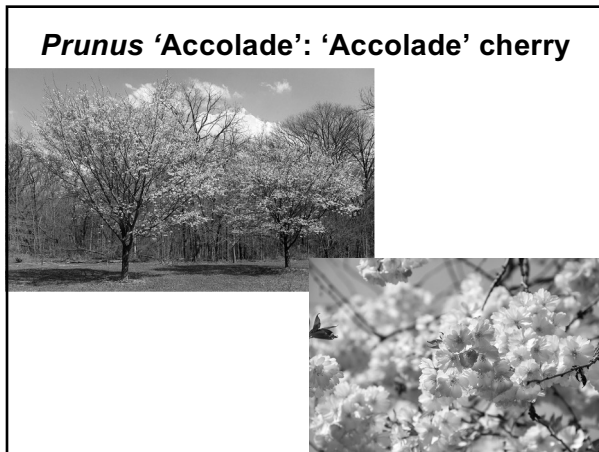
- 'Coral Cascade': moderate weeper, 15' tall and wide, pinkish-white flowers, pink to coral-orange, 3/8-1/2", persistent fruit
- 'Louisa': graceful weeper, 10-15' tall, 15-20' wide, pink flowers, yellow to brown, 3/8" fruit
- 'Luwick': weeping, 7' tall, 14' wide, pale-pink, ruffled flowers, bright red, 3/8" fruit (not many produced)
- 'Manbeck Weeper': **Anne E.®**, weeper, 10' tall and wide, white flowers with red margins that fade, yellow fall color, bright red, 3/8" persistent fruit
- 'Molazam': **Molten Lava®**, wide-spreading weeper, 15' tall, 12-15' wide, white flowers, bright red, 3/8" fruit

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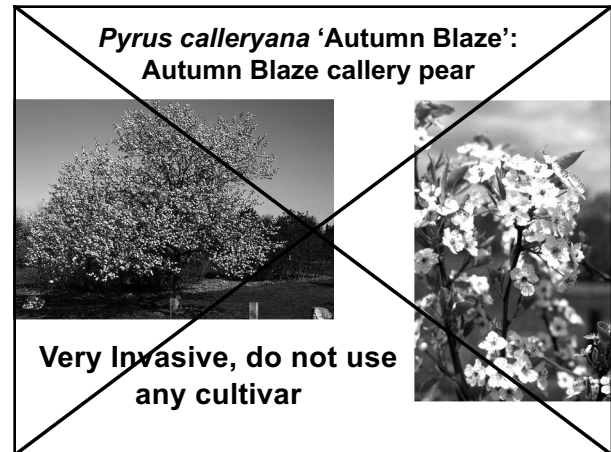
***Prunus sargentii* 'JFS-KW58': PINK FLAIR® Sargent cherry**



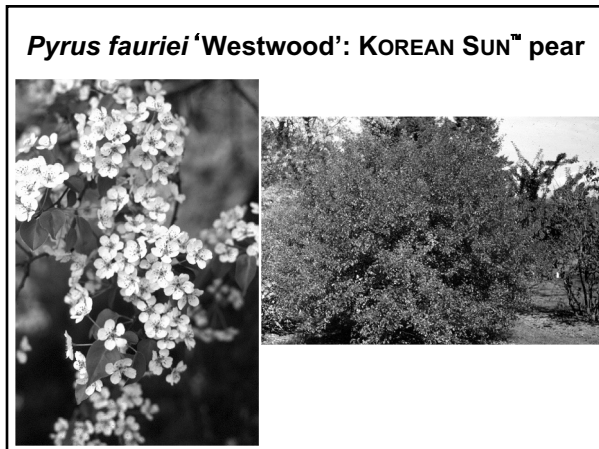
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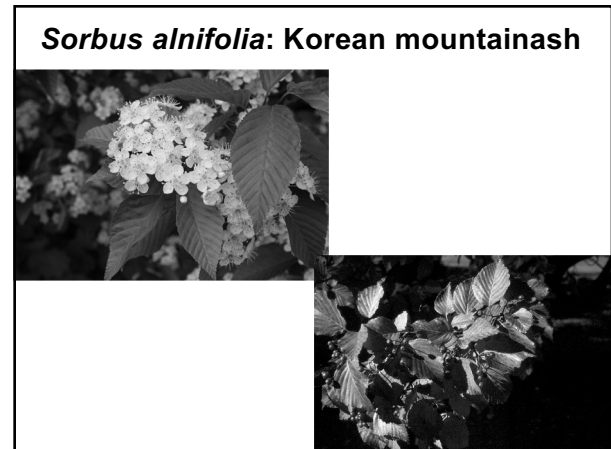
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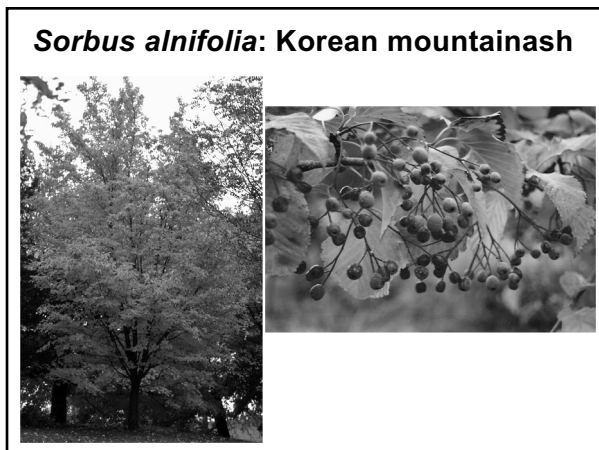
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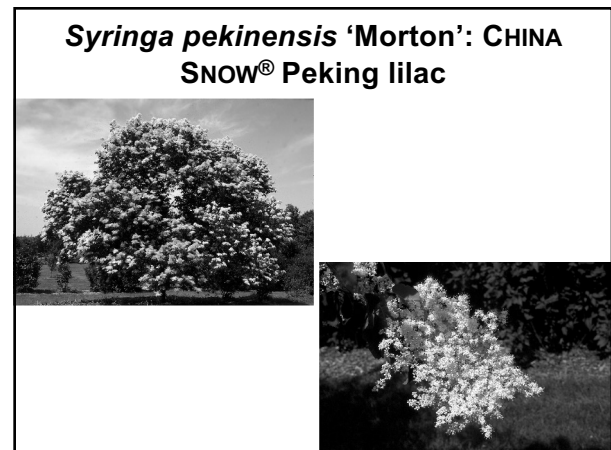
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***Syringa pekinensis* 'Morton': CHINA SNOW®
Peking lilac**



Common Cultivars/Trademarks

'DTR 124' (SUMMER CHARM®)
'Morton' (CHINA SNOW®)
'SunDak' (COPPER CURLS®)
'WFH2' (GREAT WALL™)
'Zhang Zhiming' (BEIJING GOLD®)



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***Syringa reticulata* 'Ivory Silk': Ivory
Silk Japanese tree lilac**



Common Cultivars/Trademarks

'Bailnce' (SNOWDANCE™)
'Elliott' (SNOWCAP™)
'Golden Eclipse'
'Ivory Silk' (way overused)
'Summer Snow'
'Summer Storm'
'Williamette' (IVORY PILLAR™)

80

***Syringa reticulata* 'Bailnce':
SNOWDANCE™ Japanese tree lilac**



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Things to Consider Before Planting

♦ **Where to Plant**

- ✓ Look for above and below ground utility lines or septic fields
- ✓ Location big enough, both height and width, to support tree/shrub shoot and root growth
- ✓ Call Digger's Hotline BEFORE you dig!

♦ **Plant the right plant in the right location**

- ✓ Do a soil test to determine what can grow
- ✓ Chose plants adaptable to conditions
- ✓ Choose cold hardy, pest resistant, non-invasive plants

♦ **Buy only quality nursery stock**

- ✓ Look at the roots, not just the top
- ✓ Buy bareroot trees, if possible

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College of
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