

Mulberry (Alba and Rubra)

Notable Features:

21:3:1 carb:protein:fat. Similar protein ratio as honey locust that has been bred for sugar. Can bear from Mid June through August. Leaves are high protein forage. Red mulberry generally tolerates shade while white thrives in full sun. Protein rich jam on the market; jam best when mixed with tart fruit. Tolerates pH from 5.5 to 8.0. You can prune everbearing mulberry to produce later in the season too. Leaves can contain over 30% protein in some alba dominant varieties. Not fire tolerant.

Notable Varieties:

Black Beauty - zone 4 hardy (possibly only zone 7 by source) - Blackberry flavor with tartness - 15ft tall

Collier - Buzz recommended var for hardiness

River View Russian - zone 3b hardy - Russian variety and requires russian rootstock - Russian - zone 3b - requires cross pollination

Downing Everbearing (High Quality and Extended season) - Quality tart flavor

Middleton (Prolific)

Riviera (Extended season)

David Smith Everbearing (extended season) - Originated from Oxford, NY by Richard Fahey. Buzz hardy recommended

4 Seasons (Abundant and good tasting)

Hick's Everbearing (extended season) - Eliza just found

Gerardi - Not hardy but dwarf

Kokuso Korean - zone 5 hardy - Earlier than IL Everbearing - Heavy producer - Grown into MN. Buzz recommended

Reichert (hardy, large, and slightly acidic - Hershey propagated)

Capsrun - Hardy and very sweet. Hershey propagated

Reichert - SE PA originating. Hershey propagated. Fruits as much as hicks.

Northrop - Potsdam, NY - said to be very hardy Zone 4 - Grafted variety froze off at Carandale probably because young

Tatarica/Russian - Zone 4 hardy. Buzz recommended.

Akron Purple - John Gordon has it

Black Pearl - Zone 3b "___ roots nursery" in vermont. Buzz will release next year.

Better than David Smith he says

Rupp's Romanian - zone 5 hardy - fruit size and vigor of Illinois Everbearing but better flavor

Wellington - zone 5 hardy - From Geneva, NY by Richard Wellington

Silk Hope - zone 5 hardy - By AJ Bullard - Can outproduce Illinois Everbearing

Oscar's - zone 5 hardy - one of the earliest ripening, heavy producer, and excellent flavor

Illinois everbearing - zone 4 hardy - not long enough season or heat according to Hugh -

Carandale says ~produced marginally, Fruit does not fall off easily when

shaken~. Nafex says it is worth a shot and ambrosia great flavor. Flavor better

than a blackberry. Not hardy north of S PA according to Hershey.

Taylor #1 - Clifford has it hardy to zone 4. Alba seedling imported to USA.

Breeding Goals:

Long fruiting season, high protein, good flavor.

Growing Notes:

Pests: Stems preferred by deer according to Carandale. Mulberries root best on callus tissue; take bark off active in line while on the tree first, then cut and root.

Asexual: Taylor Malone roots scared tissue while tree is flowering. Buzz takes cuttings august and puts in greenhouse 50% shade until september after 0.2% IBA, then probably in cellar.

Sexual: Doesn't need stratification to grow; just separate from pulp.

A: The control- no mulberries

D: 10% diet is mulberry leaves for 8 weeks. Darker color, more intramuscular fat.

