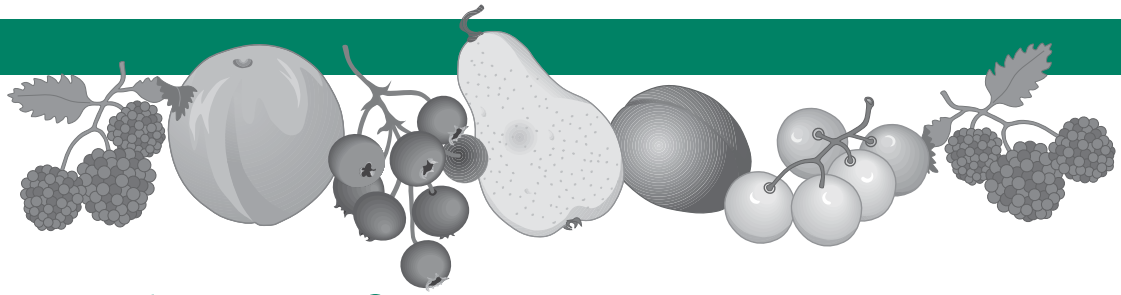


Fruit cultivars for Iowa

For the various fruit crops that can be grown in Iowa, this publication lists the recommended cultivars adapted to the various climatic regions of the state (see map, page 16). For each crop, cultivars are listed by approximate season/order of ripening, and information is provided on how the cultivars can be used. The remarks column provides information on plant growth characteristics, disease susceptibility, and other unique characteristics associated with the cultivar. A listing of some mail order nurseries that supply fruit plants is provided near the back of this publication, and is indexed (numbers in parentheses) to each fruit crop. Information on crop adaptability, special requirements, and beginning culture is available in the companion publication PM 1788, *Growing Fruit in Iowa*.

Cultivar	Season	Adapted to Iowa	Use	Remarks
		Abbreviations C = Central; S = South; N = North		Abbreviations: im = immune; res = resistant; susc = susceptible; m- = medium, moderate, moderately; v- = very.
Blackberries, thorny (erect) (6,7,8,10,13,15)*				
Floricane (summer) fruiting:				
Darrow	Midseason	C,S	Fresh	Large, sweet fruit; long harvest season. Vigorous, erect, thorny canes.
Illini Hardy	Midseason	C,S	Fresh & processed	M-size, flavorful fruit. Vigorous, erect, thorny canes; res to *Phytophora* root rot.
Primocane (fall) fruiting:				
Prime Jan	Late season	All	Fresh & processed	Large, soft fruit; good flavor. New cultivar for home garden trial.
Prime Jim	Late season	All	Fresh & processed	M-size, soft fruit; good flavor. New cultivar for home garden trial.
Blueberries (4,5,6,7,8,10, 11,12,13,15)*				Require acid soils (pH 4.5); trial only.
Northern Highbush:				
Duke	Early	C,S	Fresh & processed	medium-sized, firm fruit; good flavor. Upright, productive bush.
Bluetta	Early	S	Fresh & processed	M-small, soft fruit. Short, compact, spreading bush.

* *See index of nurseries on p. 15*

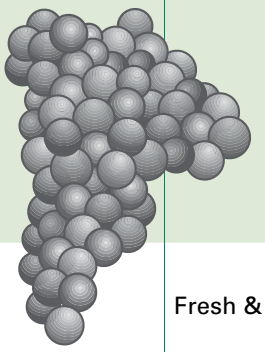
IOWA STATE UNIVERSITY
University Extension

PM 453 Revised March 2006

Cultivar	Season	Adapted to Iowa	Use	Remarks
Patriot	Early	All	Fresh & processed	M-large, firm fruit; v-good flavor. M-size, low growing bush; more tolerant of heavier soils; m-res to *Phytophthora* root rot.
Bluejay	Early	All	Fresh & processed	M-large, firm fruit; mild flavor. Upright, slightly spreading bush.
Blueray	Midseason	All	Fresh & processed	Large, firm fruit; v-good flavor. Upright, spreading bush.
Bluecrop	Midseason	All	Fresh & processed	Large, v-firm fruit; v-good flavor. Vigorous, upright, spreading bush; M-res to viruses, mummy berry & powdery mildew.
Toro	Midseason	All	Fresh & processed	Large, firm fruit; good flavor. Vigorous, upright bush.
Coville	Late	S	Fresh & processed	V-large, firm fruit; V-good flavor. M-upright bush; self-unfruitful.
Rubel	Late	All	Processed & fresh	Small, firm fruit; v-good flavor. Vigorous, upright bush; foliage develops fall color suitable for landscaping.
Jersey	Late	C,S	Fresh & processed	M-small, firm fruit. Vigorous, upright bush.
Elliott	Very late	C,S	Fresh & processed	M-small, v-firm fruit; keeps well. Vigorous, upright bush.
Half-highs:				
Polaris	E-midseason	All	Fresh & processed	Medium sized firm fruit; very good flavor. M-vigorous 3 ft, slightly spreading bush.
Northblue	Midseason	All	Fresh & processed	M-small, firm fruit; v-good flavor. Vigorous, 2-3 ft bush.
Northcountry	Midseason	All	Fresh & processed	M-small, soft fruit. M-vigor, 3 ft bush.
Northland	Midseason	All	Fresh & processed	M-small, v-soft fruit. Bush grows up to 4 ft with flexible canes.
Northsky	Midseason	All	Fresh & processed	Small, firm fruit; v-good flavor. Bush less than 2 ft with dense branching.
St. Cloud	Midseason	All	Fresh & processed	M-small, firm fruit; excellent flavor. 4 ft bush.
Currants (4,5,6,8,10,11 12,14)*				Cultivars listed exhibit good resistance to white pine blister rust. PM = powdery mildew.
Red:				
Perfection	Early	All	Jelly & jam	Large, flavorful fruit. Vigorous bush with brittle canes; productive.
Cherry	Midseason	All	Fresh & processed	Large, tart fruit; difficult to pick. Vigorous, spreading bush; m-productive.
Wilder	Midseason	All	Jelly & jam	Large, mild-flavored fruit. Bush requires heavy pruning; anthracnose res.
Red Lake	Late	All	Jelly & jam	Large, dark red, flavorful fruit. Upright, M-vigorous bush; PM susc; v-productive.
White:				
White Imperial	Early	All	Jelly & jam	M-large, v-flavorful fruit in large clusters. Spreading bush.
Primus	Midseason	All	Jelly & Jam	M-large, v-flavorful fruit. Compact, upright bush; PM res.
Black:				
Ben Sarek	Early	All	Processed	Large, flavorful fruit. Compact bush with medium vigor.
Consort	Midseason	All	Processed	M-size fruit; strong flavor. PM m-susc.

* *See index of nurseries on p. 15*

Cultivar	Season	Adapted to Iowa	Use	Remarks
Crusader	Midseason	All	Processed	Large fruit. Self-unfruitful; productive with another cultivar.
Crandall	Late	All	Fresh & processed	Large fruit; ripen uneven for long harvest season; productive. Immune to cane blight.
Gooseberries (4,5,6,8,10, 11,14)*				Cultivars listed exhibit good resistance to white pine blister rust. PM = powdery mildew
Welcome	Early	All	Pie & jam	M-size, red fruit; good flavor. Spreading bush; few spines; productive; relatively free of disease.
Colossal	Midseason	All	Pie & jam	V-large, green fruit; average flavor. Vigorous, spiny bush; PM res.
Hinnonmaki Red	Midseason	All	Fresh & processed	M-size, red, flavorful fruit. Low-growing bush; PM res.
Invicta	Midseason	All	Pie & jam	V-large, green fruit; average flavor; productive. PM res.
Lepaa Red	Midseason	All	Pie & jam	Small, red fruit; good flavor. Spiny bush; PM & leaf spot res.
Pixwell	Midseason	All	Pie & jam	Small, red fruit borne in clusters; fair flavor. Few spines; PM res; productive.
Poorman	Midseason	All	Fresh & processed	M-large, red, flavorful fruit. Vigorous bush; few spines; PM res.
Grapes (4,5,6,8,10,11, 12,14,15)*				Most cultivars are susceptible to 2,4-D drift. Anth = Anthracnose; DM = downy mildew; PM = powdery mildew; BlkR = black rot; BunR = bunch rot; Cu = copper; S = sulfur. For more information on grape cultivars, refer to the ISU Viticulture Home Page: http://viticulture.hort.iastate.edu/home.html.
Blue/black:				
Valiant	Very early	All	Fresh & processed	American hybrid. Compact, well-formed clusters; excellent for juice. Vine vigorous; productive; v-hardy.
Beta	Early	All	Processed	American hybrid. M-small, filled clusters; m-small, somewhat acid berries. Vine v-hardy; good disease resistance; 2,4-D tolerant. For juice & jelly.
Buffalo	Early	All	Fresh & processed	American type. M-large, well-filled clusters; large berries; distinctive flavor. Vine vigorous, hardy.
Marechal Foch	Early	C,S	Wine	(Foch) French hybrid. Small clusters & berries. Vine vigorous; low productivity, hardy; DM & BunR m-res; BlkR & PM m-susc; S sensitive.
Fredonia	Early	All	Fresh & processed	American type. M-size, compact clusters; m-large berries. Vine vigorous, hardy; BunR m-res; BlkR & PM m-susc; Anth, DM v-susc.
Mars	Early	C,S	Fresh	Seedless cultivar. M-size, well-filled clusters, large berries; v-good quality, hangs well on vine, can be harvested when berry color is red. Vine vigorous; Anth, BlkR, DM & PM m-res.



* *See index of nurseries on p. 15*

Cultivar	Season	Adapted to Iowa	Use	Remarks
St. Croix	Early	All	Wine	French hybrid. M-small clusters, m-large berries. Vine vigorous; v-hardy; DM, PM BunR m-susc; 2,4-D m-tolerant.
Van Buren	Early	All	Fresh & wine	American type. M-small clusters; poor keeping quality. Vine vigorous, hardy; DM v-susc.
Baco Noir	Midseason	S	Wine	(Baco 1) French hybrid. Small, compact clusters. Vine vigorous, m-hardy; productive if pruned long (kniffen system); DM m-res; PM & BunR m-susc; BlkR v-susc. For trial in C-IA.
Bath	Midseason	All	Fresh	American type. M-size, compact clusters; m-size berries. Vine vigorous, hardy; productive.
Bluebell	Midseason	All	Fresh & processed	American type. Large berries. Vine vigorous, v-hardy.
de Chaunac	Midseason	S	Wine	French hybrid. M-large, somewhat loose clusters. Vine vigorous, m-hardy; BlkR & BunR m-res; DM & PM m-susc; S sensitive; 2,4-D m-tolerant. For trial in C-IA.
Frontenac	Midseason	All	Wine	French hybrid. Medium sized clusters, medium sized berries. Vine v-vigorous, v-hardy; DM m-res; BlkR, BunR, PM m-susc; 2,4-D tolerant.
Jupiter	Midseason	S	Fresh	New seedless cultivar, for trial. Large clusters w/ m-large berries. Vine m-vigorous, m-hardy; PM & DM susc, BlkR m-susc. For trial in C-IA.
Concord	Late	C,S	Fresh & processed	American type. M-size, well-filled clusters; M-size berries. Vine vigorous, hardy; DM & BunR res; PM m-susc; BlkR v-susc; S sensitive; v-susc to 2,4-D.
Seedless Concord	Late	C,S	Fresh & processed	Seedless mutation of Concord.
Steuben	Late	All	Fresh & wine	American type. M-size clusters; sweet, aromatic flavor; keeps well. Vine vigorous, hardy; productive; DM, PM & BunR m-res; BlkR m-susc. May not mature in N-IA.
Red:				
Canadice	Early	S	Fresh	Seedless cultivar. Large, compact clusters; m-size berries. Vine vigorous, m-hardy; PM m-res; DM & BunR m-susc; BlkR v-susc. For trial in C-IA.
Reliance	Early	C,S	Fresh	Seedless cultivar. Large, well-filled clusters; m-large, sweet berries. Vine vigorous, m-hardy but has performed well at Ames; productive; BunR m-res; PM m-susc; Anth, DM & BlkR v-susc.
Swenson Red	Early	All	Fresh	American hybrid. M-size, loose clusters; large, flavorful berries; keeps well. Vine vigorous, hardy; DM & PM v-susc.
Delaware	Midseason	All	Wine	American type. Small, compact clusters; small, sweet berries; keeps well. Vine m-vigorous, hardy; BunR m-res; BlkR & PM m-susc; DM v-susc.
Vanessa	Midseason	S	Fresh	Seedless cultivar. M-size, compact clusters; large, crisp berries. Vine vigorous, m-hardy; BunR m-res; DM & PM m-susc; BlkR v-susc ; 2,4-D v-susc. For trial in C-IA.

Cultivar	Season	Adapted to Iowa	Use	Remarks
Catawba	Late	S	Wine & processed	American type. Large, well-filled clusters; m-size berries; excellent quality; keeps well. Vine vigorous, hardy; productive; BunR m-res; PM m-susc; BlkR & DM v-susc; Cu m-susc. For trial, may not mature in C-IA.
White:				
Aurore	Early	S	Wine	French hybrid. Large, loose clusters; large berries; foxy flavor. Low vigor vine, m-hardy; productive if pruned long (kniffen system); DM & PM m-susc; BlkR & BunR v-susc; Cu m-susc. For trial in C-IA.
Edelweiss	Early	All	Fresh & wine	American hybrid. Large, loose clusters; m-size berries; fruity *labrusca* flavor; poor keeping quality. Vine vigorous, hardy; productive; good disease resistance, Anth & PM m-susc; 2,4-D m-tolerant.
Himrod	Early	S	Fresh	Seedless cultivar. Large, poorly filled clusters; small, juicy berries. Vine vigorous, m-hardy; low productivity; DM & BunR m-res; BlkR & PM m-susc.
La Crescent	Early	All	Wine	New French hybrid cultivar. Vine m-vigorous, v-hardy; DM & BunR m-res; BlkR & DM m-susc; 2,4-D m-tolerant. For trial.
La Crosse	Early	All	Wine	French hybrid. M-small clusters, m-size berries. Vine v-vigorous, hardy; BlkR & BunR susc, DM, & PM m-susc; 2,4-D tolerant.
Marquis	Midseason	S	Fresh	Seedless cultivar. Large clusters; V-large berries. Vine m-vigorous, m-hardy; BlkR m-res; Anth, DM & PM v-susc.
Niagara	Late	S	Fresh & processed	American type. M-large, well-filled clusters; large berries; excellent for wine. Vine m-vigorous, m-hardy; BunR res; PM & Anth m-susc; BlkR & DM v-susc; Cu m-res. For trial in C-IA.
Jostaberries (5,6,8,10,11,14)*				Cross between gooseberry and black current.
Josta	Midseason	All	Fresh & processed	V-large, nearly black fruit; bush v-vigorous. Good resistance to white pine blister rust.
Raspberries (3,4,5,6,7,8 10,11,12,13)*				Phy = *Phytophthora* root rot; PM = powdery mildew; Anth = anthracnose.
Black, Floricane (summer) fruiting:				
Jewel	Early	S	Fresh & processed	Large, firm fruit; v-good flavor. Canes vigorous, erect; Anth res; PM susc.
Allen	Early	S	Fresh & processed	V-large fruit; mild flavor. Canes vigorous; some PM res.
Black Hawk	Midseason	C,S	Fresh & processed	M-large, firm fruit. Vigorous canes; Anth res. Hardiest cultivar.
Bristol	Midseason	C,S	Fresh & processed	M-large, firm fruit. Vigorous canes; PM res; Anth susc.

* *See index of nurseries on p. 15*

Cultivar	Season	Adapted to Iowa	Use	Remarks
Logan	Midseason	C,S	Fresh & processed	M-size fruit. Vigorous canes; Anth susc.
Mac Black	Late	S	Fresh & processed	M-large fruit. Upright canes, may be difficult to establish. For trial in C-IA.
Red, Floricane (summer) fruiting:				
Canby	Very early	S	Fresh & processed	M-large, firm fruit; excellent flavor. Plant m-vigorous; nearly spineless canes; Phy susc.
Reveille	Very early	All	Fresh & processed	M-size, v-soft fruit. Vigorous plant; produces many suckers.
Boyne	Early	All	Fresh & processed	M-small, soft fruit; good flavor. M-vigorous plant; suckers freely; erect, sturdy, spiny canes; Phy res; Anth susc. Hardiest cultivar.
Killarney	Midseason	All	Fresh & processed	M-large, firm fruit; good flavor. Plants short to medium height; Phy res, PM & Anth susc.
Latham	Midseason	All	Fresh & processed	M-small fruit; tend to crumble badly. Vigorous plant with few spines; suckers freely; Phy res; PM susc.
Newburgh	Midseason	All	Fresh	M-size fruit; fair flavor. M-vigorous, tall plant; Phy res; leaf spot & PM susc.
Titan	Midseason	C,S	Fresh & processed	V-large fruit; fair flavor. M-vigorous plant; large, stout canes with few spines; spreads slowly by suckering; Anth & Phy susc.
Red, Primocane (fall) fruiting:				
Jaclyn	Very early	All	Fresh & processed	Large, firm fruit; good flavor. New cultivar for trial.
Polana	Very early	All	Fresh & processed	Medium, m-firm fruit; good flavor. M-vigorous plant. New cultivar, done well in ISU tests.
Autumn Bliss	Very early	All	Fresh & processed	Large, M-firm fruit; pleasing, mild flavor. M-vigorous plant; m-numerous, erect, spiny canes; Phy res.
Autumn Britten	Very early	All	Fresh & processed	Large, m-firm fruit; good flavor. New cultivar, inconsistent yields in ISU tests.
Redwing	Very early	All	Fresh & processed	M-large, soft fruit; fair flavor. Vigorous plant; m-suckering; Anth susc.
Summit	Very early	All	Fresh & processed	M-small, firm fruit. Vigorous canes with few spines; Phy res.
Dinkum	Early	All	Fresh & processed	Medium sized, firm fruit; v-good flavor. New cultivar for trial.
Red River	Early	All	Fresh & processed	Medium sized fruit. Anth susc. New cultivar for trial.
Amity	Early	All	Fresh & processed	M-size, firm fruit; productive. Vigorous canes with few spines; Phy res.
Caroline	Midseason	All	Fresh & processed	Large, m-firm fruit; v-good flavor. New cultivar, done well in ISU tests.
Heritage	Midseason	All	Fresh & processed	M-large, firm fruit; v-productive. Vigorous, erect, sturdy canes; suckers freely; PM res. Early fall frost a risk in N-IA.
Ruby	Midseason	C,S	Fresh & processed	Large, firm fruit; fair flavor. Vigorous canes with few spines; suckers freely; Phy susc; PM res. Early fall frost a risk in N-IA.
Josephine	Late season	S	Fresh & processed	M-large, m-firm fruit; good flavor. New cultivar for trial in S-IA.

Cultivar	Season	Adapted to Iowa	Use	Remarks
Purple, Floricane (summer) fruiting:				
Brandywine	Late	All	Processed & fresh	Large, firm, tart fruit; has an off-flavor when eaten fresh. V-vigorous, strong, erect canes; does not sucker.
Royalty	Late	All	Fresh & processed	Large, m-firm fruit; v-good flavor; v-productive. Vigorous, spiny canes; low suckering; Phy res.
Yellow, Floricane (summer) fruiting:				
Honey Queen	Midseason	All	Fresh	M-large, soft fruit. Phy res.
Primocane (fall) fruiting:				
Fall Gold	Early	All	Fresh	M-size, soft fruit; v-good flavor. Vigorous plant; suckers freely.
Golden Harvest	Early	All	Fresh	M-large, firm fruit; fair flavor.
Goldie	Midseason	All	Fresh	M-size, firm fruit; good flavor. Color sport of Heritage. Early fall frost a risk in N-IA.
Anne	Midseason	All	Fresh	M-size, soft fruit; good flavor. New cultivar for trial. Early fall frost a risk in N-IA.
Kiwigold	Late season	S	Fresh	M-size, m-firm fruit; good flavor. New cultivar for trial.
Saskatoon (Serviceberry, Juneberry, Shadberry) (6,8,10)*				Some nurseries do not list a cultivar name.
Regent		All	Fresh & processed	M-size fruit; fair flavor. 4-6 ft bush; low to m-suckering; low productivity.
Northline		All	Fresh & processed	Large fruit. 5 ft bush; suckers freely; v-productive.
Pembina		All	Fresh & processed	Large, flavorful fruit. 8 ft bush; few suckers.
Thiessen		All	Fresh & processed	V-large, flavorful fruit. Bush grows to 14 ft.
Strawberries (3, 5, 6, 8, 10, 11, 12, 13)*				LSc = leaf scorch; LSp = leaf spot; PM = powdery mildew; RS = red stele; VW = *Verticillium* wilt.
June-bearing:				
Earliglow	Very early	All	Fresh & frozen	M-size, firm fruit; excellent flavor. Bloom early, frost protection required. Plant vigorous; runners freely; LSc, RS & VW res; LSp susc.
Northeastern	Very early	All	Fresh & frozen	(*also* Northeaster') Large, firm fruit; excellent flavor. Bloom early, frost protection required. RS, VW, LSc & LSp res; PM susc.
Annapolis	Very early	All	Fresh & frozen	V-large, firm fruit; very good quality, productive in ISU tests. RS res; LSc, LSp, & VW susc.
Honeoye	Early	All	Fresh & frozen	Large, firm fruit; v-productive; can develop an off-flavor under high temperatures. Plant v-vigorous; runners freely; LSc & LSp res; RS & VW susc.

* *See index of nurseries on p. 15*

Cultivar	Season	Adapted to Iowa	Use	Remarks
Kent	Early	All	Fresh & frozen	Large, firm fruit; productive. Plant vigorous; abundant runners; LSc & LSp res; RS & VW susc.
Lester	Early	All	Fresh & frozen	V-large, firm fruit. Plant vigorous; runners freely; LSc, LSp, PM, & RS res; VW susc.
Cavendish	Early	All	Fresh & frozen	V-large, firm fruit; very good quality fresh. Very productive in ISU tests. LSc, LSp, RS & VW res.
Surecrop	Early	All	Fresh & frozen	M-size, firm fruit. Plant v-vigorous; runners freely; LSc, LSp, RS & VW res; drought res.
Allstar	Midseason	All	Fresh & frozen	V-large, firm, orange-red fruit; v-good flavor. Plant vigorous; runners freely; LSc, LSp, PM, RS & VW res.
Guardian	Midseason	All	Fresh	V-large, firm fruit; only fair quality frozen. Plant m-vigor; m-runnering; LSc, LSp, RS & VW res.
Redchief	Midseason	All	Fresh & frozen	Large, firm fruit. Plant m-vigor; runners freely; LSc, LSp, RS & VW res.
Jewel	Late	All	Fresh & frozen	V-large, firm fruit; excellent flavor. Plant m-runnering; LSc & LSp res; RS & VW susc; drought tolerant.
Lateglow	Late	All	Fresh & frozen	V-large, firm fruit. Plant m-vigor; runners freely; LSc, LSp, PM, RS & VW res.
Sparkle	Late	All	Fresh & frozen	M-size, soft fruit; excellent flavor. Plants runner freely; PM & RS res; LSc, LSp & VW susc.
Day-neutral:				
Tribute		All	Fresh & frozen	M-large, firm fruit; excellent flavor. LSc, LSp, PM, RS & VW res.
Tristar		All	Fresh & frozen	M-size, firm fruit; excellent flavor. LSc, LSp, PM, RS & VW res.
Ever-bearing:				
Ft. Laramie		All	Fresh & frozen	M-size, firm fruit. Plant vigorous; runners freely if blossoms are removed & fruit not allowed to form.
Ogallala		All	Fresh & frozen	M-size, soft fruit; good flavor. Plant v-vigorous.
Ozark Beauty		All	Fresh & frozen	M-size, firm fruit; sweet taste. Plant will runner, bloom & fruit at the same time; LSc & LSp res.
Quinault		All	Fresh	M-size, soft fruit. Plant runners freely; will produce fruit on un-rooted runners; suitable for containers, ground covers & border planting. LSc & LSp res.
Apples (1,2,4,5,6,8,9, 11,12,14,15, 16,17)*				Most cultivars are self-unfruitful. AS = apple scab; CAR = cedar-apple rust; FB = fire blight; PM = powdery mildew.
Red:				
Redfree	Early Aug	All	Fresh & cooking	(Coop 13) Apple scab-immune cultivar; CAR im; FB & PM res. Vigorous, semi-upright tree. M-size, sweet fruit; good quality & keeps well for season. Midseason bloom.

* *See index of nurseries on p. 15*

Cultivar	Season	Adapted to Iowa	Use	Remarks
Williams' Pride	Early Aug	C,S	Fresh & cooking	(Coop 23) Apple scab-immune cultivar; CAR im; FB & PM res. Vigorous, spreading tree. M-large fruit; excellent quality for season; prone to bitter pit & water core. Early bloom.
Zestar!	Early Aug	N,C	Fresh & cooking	New MN cultivar. M-vigor, m-upright tree. AS susc, FB m-susc. Large, v-high quality, crisp fruit w/ brown sugar overtone. Early bloom.
Paulared	Mid Aug	All	Fresh & cooking	M-vigor, upright tree. FB, AS & PM susc; CAR res. M -size fruit; good quality; borne on shoots; prone to biennial bearing. Early bloom.
State Fair	Mid Aug	All	Fresh & cooking	V-hardy, m-vigor, spreading tree. FB & AS susc. M-size fruit; v-good quality for season. Early bloom.
Earliblaze	Late Aug	All	Fresh & cooking	Spur-type, m-vigor, upright tree. FB & AS susc; CAR & PM res. M-large fruit; v-good quality for season; prone to biennial bearing. Early bloom.
Jonamac	Late Aug	All	Fresh & sauce	Hardy; m-vigor, spreading tree; productive. FB, AS & PM susc; CAR res. M-size, v-juicy, distinct flavored fruit; v-good dessert quality; keeps well 4-6 weeks. Early bloom.
Dayton	Late Aug	C,S	Fresh & cooking	(Coop 21) Apple scab-immune cultivar; FB & PM res; CAR susc. Vigorous, semi-upright tree. M-size fruit; v-good quality; prone to bitter pit. Midseason bloom.
Prima	Late Aug	C,S	Cooking & fresh	(Coop 2) Apple scab-immune cultivar; FB & PM res; CAR susc. M-vigor, spreading tree. M-size fruit; fair quality; poor keeping quality; prone to bitter pit. Midseason bloom.
Summer Treat	Late Aug	All	Fresh & cooking	V-vigorous, upright tree. AS susc; FB & PM M-res. Large fruit; v-good quality; prone to internal breakdown. Midseason bloom.
Wealthy	Early Sept	All	Cooking & fresh	M-vigor, semi-upright tree. FB, AS, CAR & PM susc. M-size, tart fruit; m-good quality; prone to Jonathan spot. Early bloom.
Gala	Early Sept	C,S	Fresh & cooking	Vigorous, semi-spreading tree. FB & AS susc; CAR & PM res. Color strains available. M-size, sweet fruit; excellent quality. Midseason bloom.
LuraRed	Early Sept	All	Fresh & cooking	Vigorous, spreading tree. FB res; AS & PM susc. Large fruit; good quality; resemble Jonathan. Midseason bloom.
McIntosh	Early Sept	N,C	Fresh & sauce	Color & spur-type strains available. V-vigorous, semi-spreading tree (spur-types vigorous). FB, AS & PM susc; CAR res. M-large, v-juicy, aromatic fruit; v-good dessert quality; prone to preharvest drop & storage scald. Early bloom.
Macfree	Early Sept	All	Fresh & cooking	Apple scab-immune cultivar; FB & CAR res; FB susc. Vigorous, spreading tree. M-large fruit; good quality; resembles McIntosh.
Mollies Delicious	Early Sept	All	Fresh & cooking	Vigorous, semi-spreading tree. FB, AS & PM susc; CAR res. V-large fruit; v-good quality; poor keeping quality. Early bloom.

Cultivar	Season	Adapted to Iowa	Use	Remarks
Novamac	Early Sept	C,S	Fresh & cooking	Apple scab-immune cultivar; FB & CAR res, PM susc; for trial. M-vigor, semi-upright tree. M-large fruit; v-good quality; resembles McIntosh.
Sweet Sixteen	Early Sept	All	Fresh & cooking	Hardy, m-vigor, upright tree. FB res; AS & CAR m-susc. M-large, sweet fruit; v-good quality. Midseason bloom.
Cortland	Mid Sept	All	Fresh & cooking	Hardy. Spur-type & color strains available. Vigorous, spreading tree (spur-types m-vigor). FB, AS, CAR & PM susc. Large fruit; good quality; borne on shoots; prone to storage scald. Midseason bloom.
CrimsonCrisp	Mid Sept	C,S	Fresh & cooking	(Coop 39) New Apple scab-immune cultivar; FB, & PM susc; fruit CAR res, leaves CAR susc. M-vigorous, upright tree; m-productive. M-large, v-crisp flavorful fruit; store well. Late-midseason bloom. For trial.
Freedom	Mid Sept	C,S	Fresh & sauce	Apple scab-immune cultivar; FB, CAR, & PM res. Vigorous, spreading tree. V-large fruit; good quality; biennial tendency; for backyard planting. Midseason bloom.
Honeycrisp	Mid Sept	N,C	Fresh & cooking	Hardy, m-vigor, semi-upright tree. AS res, FB & PM susc. M-large, v-crisp, flavorful fruit; excellent dessert quality; prone to Jonathan spot, bitter pit, watercore & soft scald. Midseason bloom.
Jonafree	Mid Sept	All	Fresh & cooking	(Coop 22) Apple scab-immune cultivar; m-susc to FB, CAR, & PM. V-vigorous, semi-spreading tree. M-size fruit; good dessert quality; resembles Jonathan; prone to preharvest drop. Midseason bloom.
Jonathan	Mid Sept	C,S	Fresh & cooking	M-vigorous, spreading tree. FB, AS, CAR & PM susc. M-size fruit; v-good quality; prone to Jonathan spot; color strains available. Midseason bloom.
Nova Easygro	Mid Sept	C,S	Fresh & cooking	Apple scab-immune cultivar; FB, CAR res; PM susc; for trial. Vigorous, spreading tree. M-size fruit; good quality. Early bloom.
Pixie Crunch	Mid Sept	C,S	Fresh & cooking	(Coop 33) Apple scab-immune cultivar, CAR & PM susc; FB m-susc; Fruit small, extremely crisp. Mid-season bloom. For trial in backyards.
Priscilla	Mid Sept	C,S	Fresh & cooking	(Coop 4) Apple scab-immune cultivar; FB, CAR & PM res. Vigorous, semi-spreading tree. M-size fruit; fair quality. Midseason bloom.
Empire	Late Sept	C,S	Fresh & cooking	Spur-type; m-vigor, semi-upright tree. Fruit buds susc to winter injury. FB & CAR res; AS & PM susc. M-size fruit; v-good quality. Midseason bloom.
Jonagold	Late Sept	C,S	Fresh & cooking	Vigorous, semi-spreading tree. FB, AS, CAR, & PM susc. Large fruit; excellent quality; color strains available. Midseason bloom; sterile pollen.
Haralson	Late Sept	N,C	Fresh & cooking	V-hardy, m-low vigor, upright tree. FB & CAR res. M-size fruit; good quality; prone to water core & biennial bearing; color strains available. Midseason bloom.

Cultivar	Season	Adapted to Iowa	Use	Remarks
Liberty	Late Sept	All	Fresh & cooking	Apple scab-immune cultivar; FB, CAR, PM res. M-vigor, semi-spreading tree. M-size, m-acid fruit; good quality. Early bloom. Prone to plum curculio.
Red Delicious	Late Sept	All	Fresh & sauce	Color & spur-type strains available. Vigorous, semi-upright tree (spur-types low vigor, upright). AS susc; CAR res; FB & PM m-res. M-large, sweet fruit; v-good dessert quality; keeps well; prone to bitter pit, water core & storage scald. Prone to spider mites. Midseason bloom.
Chieftain	Early Oct	All	Fresh & cooking	Vigorous, semi-spreading tree; FB AS & CAR m-res. Large, v-firm fruit; v-good quality; keeps well; m-prone to Jonathan spot & water core. Midseason bloom. Available through custom propagation.
Juliet	Early Oct	C,S	Fresh & cooking	(Coop 43) New apple scab-immune cultivar; PM & FB res; fruit CAR res, leaves CAR m-susc. Very good storage life. Early bloom. For trial.
Regent	Early Oct	All	Fresh & cooking	M-vigor tree. FB & AS susc; CAR res. M-size, v-juicy fruit; v-good dessert quality. Midseason bloom.
Connell Red	Mid Oct	All	Cooking & fresh	Color mutation of Fireside. Vigorous tree; FB & CAR m-res. V-large, distinct flavored fruit; good quality. Late bloom.
Enterprise	Mid Oct	C,S	Fresh & cooking	(Coop 30) Apple scab-immune cultivar; FB, CAR & PM res Vigorous, spreading tree. M-large fruit; excellent quality. Late bloom.
Idared	Mid Oct	All	Fresh & cooking	M-vigor, semi-upright tree. FB, AS, CAR & PM susc. M-large fruit; v-good quality; prone to Jonathan spot. Early bloom.
Keepsake	Mid Oct	All	Fresh & cooking	Hardy, m-vigor, spreading tree; FB, AS & CAR m-res. M-size, v-crisp fruit ; good quality; keeps v-well.
Rome	Mid Oct	C,S	Cooking & fresh	Color & spur-type strains available. Vigorous tree (spur-types m-vigor). FB, AS, CAR & PM susc. Large, v-firm fruit; good quality; borne on shoots; prone to Jonathan spot & storage scald. Late bloom; will set fruit without cross pollination.
Yellow & Green:				
Lodi	Late July	All	Cooking & fresh	V-vigorous, upright tree; prone to biennial bearing. FB, AS & CAR susc; PM res. M-large, tart fruit; fair quality; poor keeping quality. Early bloom.
Earligold	Early Aug	C,S	Fresh & cooking	Vigorous, semi-spreading tree. AS susc. M-size fruit; v-good quality; keeps well for season. Early bloom.
Pristine	Early Aug	C,S	Fresh & cooking	(Coop 32) Apple scab-immune cultivar; FB & PM res, CAR slightly res. M-vigor, spreading tree. M-size fruit; excellent quality for season; keeps well for 4-6 weeks; some biennial tendency. Midseason bloom.
Honeygold	Mid Sept	N,C	Fresh & cooking	M-vigor, semi-spreading tree. FB, AS & CAR susc; PM res. M-large fruit; v-good dessert quality for season; resembles Golden Delicious. Midseason bloom.

Cultivar	Season	Adapted to Iowa	Use	Remarks
Golden Delicious	Early Oct	C,S	Fresh & cooking	Spur-type strains available. Vigorous (spur-types m-vigor), semi-spreading tree. FB, AS, CAR & PM susc. M-large fruit; v-good around quality; prone to biennial bearing; prone to bitter pit & moisture loss in storage. Late-midseason bloom; will set fruit without cross pollination.
Blushing Golden	Mid Oct	C,S	Fresh & cooking	M-vigor, spreading tree. FB, AS & PM susc; CAR res. M-size fruit; v-good quality. Midseason bloom.
Sundance	Mid Oct	C,S	Fresh & cooking	(Coop 29) New apple scab-immune cultivar; FB, CAR, PM res, for trial. M-vigor, m-spreading, med sized tree. Large, v-good quality fruit; russet-prone; keeps well. M-productive in ISU test; strong biennial tendency. Midseason bloom.
Gold Rush	Late Oct	S	Fresh & cooking	(Coop 38) Apple scab-immune cultivar: FB & PM res, CAR susc; for trial in C-IA. M-vigor, semi-upright tree; semi spur-type. M-size, v-firm fruit; v-good quality when stored until Jan; store v-well; prone to shrivel. Late bloom.
Apricots (1,6,8,9,11,12, 14,15,16,17)*				Bloom early, spring frosts are a problem.
Goldcot	Early July	S	Fresh & processed	Strong, vigorous, spreading tree. M-size, m-firm fruit; self-fruitful.
Moongold	Mid July	All	Fresh & processed	M-vigor, spreading tree. M-size fruit; self unfruitful, pollinate with Sungold.
Sungold	Late July	All	Fresh & processed	M-vigor, upright tree. Large fruit; self unfruitful, pollinate with Moongold.
Moorpark	Early Aug	C,S	Fresh & processed	Vigorous tree; self-fruitful. Large fruit; self-fruitful.
Cherries, Bush (Sand, Nanking, Cherry Plum) (5,6,7,8)*				Should be considered self-unfruitful.
Nanking		All	Processed	Seed propagated; 5-7 ft bush.
Hansen's		All	Processed	Seed propagated sand cherry; 4-5 ft bush.
Black Beauty		All	Processed	Sand cherry; 3-4 ft bush.
Golden Boy		All	Processed	Sand cherry; 4-5 ft bush.
Compass		All	Processed	Cherry plum.
Oka		All	Processed	Cherry plum; 4-6 ft dwarf bush.
Red Diamond		All	Processed	Cherry plum.
Sapalta		All	Processed	Cherry plum.
Cherries, Sour (1,2,4,5,6,8,9, 11,12,15,16,17)*				Self-fruitful.
Northstar	Late June	All	Processed & fresh	Natural dwarf, spreading tree. Red skin, red flesh fruit.
Meteor	Early July	All	Processed & fresh	Semi-dwarf, upright tree. Red skin, yellow flesh fruit.
Montmorency	Early July	C,S	Processed & fresh	Vigorous, spreading tree. Red skin, yellow flesh fruit.

* *See index of nurseries on p. 15*

Cultivar	Season	Adapted to Iowa	Use	Remarks
Mesabi	Mid July	All	Fresh & processed	Sweet (Bing) x sour cherry hybrid. Sweet red flesh. 10 to 14 ft pyramidal tree when unpruned.
Cherries, Sweet (1,2,4,6,8,9,11, 12,14,15,16,17)*				Trial only; self-unfruitful.
Gold	Late June	C,S	Fresh & processed	Vigorous, semi-upright tree; hardiest cultivar. Yellow fruit.
Black Gold	Early July	C,S	Fresh & processed	Vigorous, semi-upright tree; M-large fruit. Self fertile, will pollinate Gold.
Hedelfingen	Mid July	S	Fresh & processed	Vigorous tree. Large, red, crack res fruit.
Kristin	Mid July	S	Fresh	Vigorous tree. Large, purplish-black fruit.
Rainier	Mid July	S	Fresh	Vigorous, semi-spreading tree. Large, red-blushed yellow fruit.
Royal Ann	Mid July	S	Fresh & processed	(Napoleon) Vigorous, semi-spreading tree. Red-blushed yellow fruit.
Sam	Mid July	S	Fresh	Vigorous tree. Large, dark red fruit.
Van	Mid July	S	Fresh	Vigorous, upright tree. Crack res, red fruit.
Fruiting Crab Apples (8,9,11,13)*				
Chestnut	Early Sept	All	Fresh & cooking	M-vigor, upright tree. FB & AS res. Large, sweet fruit.
Dolgo	Early Sept	All	Cooking & fresh	M-vigor, semi-upright tree. FB, AS, CAR & PM res. Fruit primarily for jelly.
Whitney	Mid Sept	All	Cooking & fresh	M-vigor, semi-spreading tree; FB & CAR m-res.
Peaches (1,2,4,11,12,14, 15,16,17)*				Not recommended, trial only; self-fruitful.
Polly	Aug	S	Fresh & processed	Hardy white fleshed cultivar; clingstone.
Reliance	Aug	S	Fresh & processed	Hardiest yellow fleshed cultivar; freestone.
Pears (1,2,4,5,6,8,9,11, 12,14,15,16,17)*				Most cultivars are self-unfruitful. FB = fire blight
European:				
Summercrisp	Early Aug	All	Fresh	M-vigor, upright tree; FB res. Large fruit; should be consumed while firm & crisp.
Harrow Delight	Mid Aug	C,S	Fresh & canning	M-vigor, spreading tree; FB res. M-size fruit.
Moonglow	Mid Aug	C,S	Fresh & canning	Vigorous, v-upright tree; FB res. Large fruit.
Ambrosia	Mid-Aug	C,S	Fresh & canning	New cultivar; FB res. Large fruit.
Bartlett	Late Aug	C,S	Fresh & canning	M-vigor, upright tree; FB susc. Large, excellent quality fruit. Does not pollinate Seckel.
Delicious	Early Sept	C,S	Fresh & canning	M-vigor, upright tree; FB res. Large fruit. Apparently identical to Maxine.
Honey Sweet	Early Sept	C,S	Fresh & canning	Vigorous, spreading tree; FB m-res. M-large fruit.
Maxine	Early Sept	All	Fresh & canning	M-vigor, upright tree; FB res. Large fruit. Apparently identical to Delicious.

* *See index of nurseries on p. 15*

Cultivar	Season	Adapted to Iowa	Use	Remarks
Douglas	Mid Sept	All	Fresh & canning	M-vigor, upright tree; FB m-res. M-large fruit.
Luscious	Mid Sept	All	Fresh & canning	Vigorous, hardy tree; FB m-res. M-size fruit.
Patten	Mid Sept	All	Fresh	Vigorous, upright tree; FB m-res. Large fruit.
Seckel	Mid Sept	All	Fresh & canning	V-vigorous, semi-upright tree; hardy; FB m-res. Small fruit. Does not pollinate Bartlett.
Kieffer	Late Sept	All	Canning	M-vigor, upright tree; FB m-res. Early fall frost a risk in N-IA.
Asian:				Trial only.
Hosui	Mid Aug	S	Fresh	M-vigor, willowy tree; FB v-susc. Large, round fruit.
Shinseiki	Mid Aug	S	Fresh	M-vigor, spreading tree; FB v-susc. M-size, round fruit.
20th Century	Late Aug	S	Fresh	M-vigor, semi-upright tree; FB v-susc. M-size, round fruit.
Chojuro	Late Aug	S	Fresh	M-vigor, spreading tree; FB v-susc. M-size, oblate fruit.
Plums (1,2,4,5,6,8,9,11, 12, 14,15,16,17)*				
Domestic (European):				Partially self-fruitful.
Mount Royal	Mid Aug	All	Fresh & processed	Vigorous, semi-spreading tree. M-small, roundish fruit; blue-black skin; greenish-yellow flesh; clingstone.
Blue Ribbon	Late Aug	C,S	Processed & fresh	M-vigor, semi-upright tree. M-size, oblong fruit; blue-red skin, freestone.
Green Gage	Late Aug	S	Processed & fresh	M-vigor, semi-spreading tree. Small, roundish-oval fruit; green skin, amber flesh; semi-clingstone.
Stanley	Late Aug	C,S	Processed & fresh	M-vigor, upright tree. Large, oblong fruit; dark blue skin; greenish-yellow flesh; semi-freestone.
Damson	Early Sept	C,S	Processed & fresh	Vigorous, semi-upright tree. Small, oval fruit; blue skin, yellow flesh; clingstone.
Italian	Early Sept	S	Processed & fresh	M-vigor, semi-upright tree. M-size, oblong fruit; dark purple skin, greenish-yellow flesh, freestone. Can be dried.
Japanese x American Hybrid:				Self-unfruitful.
Underwood	Mid July	All	Fresh & processed	Vigorous, spreading tree. Large, conic fruit; dull-red skin, golden yellow flesh, clingstone.
Toka	Early Aug	All	Processed	M-vigor, semi-spreading tree. Small, conic fruit; red skin, yellow flesh. Excellent pollinator.
Alderman	Mid Aug	All	Fresh & processed	Vigorous, spreading tree. Large, conic fruit; burgundy-red skin yellow flesh, clingstone.
Pipestone	Mid Aug	All	Fresh & processed	Vigorous tree. Large, conic fruit; red skin, amber flesh, clingstone.
Superior	Mid Aug	All	Fresh & processed	Vigorous, semi-spreading tree. Large, conic fruit; red skin, yellow flesh, clingstone.

* *See index of nurseries on p. 15*

Mail Order Nurseries *

1. **Adams County Nursery**[z]
   P.O. Box 108
   26 Nursery Rd.
   Aspers, PA 17304
   http://www.acnursery.com

2. **C & O Nursery**[z]
   P.O. Box 116
   Wenatchee, WA 98807-0116
   http://www.c-onursery.com

3. **Daisy Farms**[y]
   91098 - 60th Street
   Decatur, MI 49045
   http://www.daisyfarms.net

4. **Double A Vineyards**[y]
   10277 Christy Rd
   Fredonia, NY 14063
   http://www.rakgrape.com

5. **Farmer Seed and Nursery**
   818 N.W. 4th St.
   Faribault, MN 55021
   http://www.farmerseed.com/index.asp

6. **Gurney's Seed & Nursery Co.**
   110 Capital Street
   Yankton, SD 57079
   http://gurneys.com/default.asp

7. **Hartmann's Plant Company**[y]
   P.O. Box 100
   Lacota, MI 49063-0100
   http://www.hartmannsplantcompany.com

8. **Henry Field's Seed & Nursery Co.**
   415 North Burnett
   Shenandoah, IA 51602
   http://henryfields.com/default.asp

9. **Hilltop Nurseries, Inc.**[z]
   P.O. Box 538
   60395 CR 681
   Hartford, MI 49057-0578

10. **Indiana Berry & Plant Co.**[y]
    5218 West 500 South
    Huntingburg, IN 47542
    http://www.inberry.com

11. **J.W. Jung Seed Company**
    335 S. High St.
    Randolph, WI 53957-0001
    http://www.jungseed.com

12. **Miller Nurseries**
    5060 West Lake Rd.
    Canandaigua, NY 14424
    http://www.millernurseries.com

13. **Nourse Farms, Inc.**[y]
    41 River Rd.
    South Deerfield, MA 01373
    http://www.noursefarms.com

14. **Southmeadow Fruit Gardens**
    P.O. Box 211
    10603 Cleveland Ave
    Baroda, MI 49101
    http://www.southmeadowfruitgardens.com

15. **Stark Brothers Nurseries & Orchards Co.**
    P.O. Box 1800, Hwy 54 W.
    Louisiana, MO 63353
    Home division:
    http://www.starkbros.com/index.jsp

16. **Stark Brothers Nurseries & Orchards Co.**[z]
    P.O. Box 398.
    Louisiana, MO 63353
    Commercial division:
    http://www.starkbros.com/wholesale.jsp

17. **VanWell Nursery**[z]
    P.O. Box 1339
    Wenatchee, WA 98807
    http://www.vanwell.net

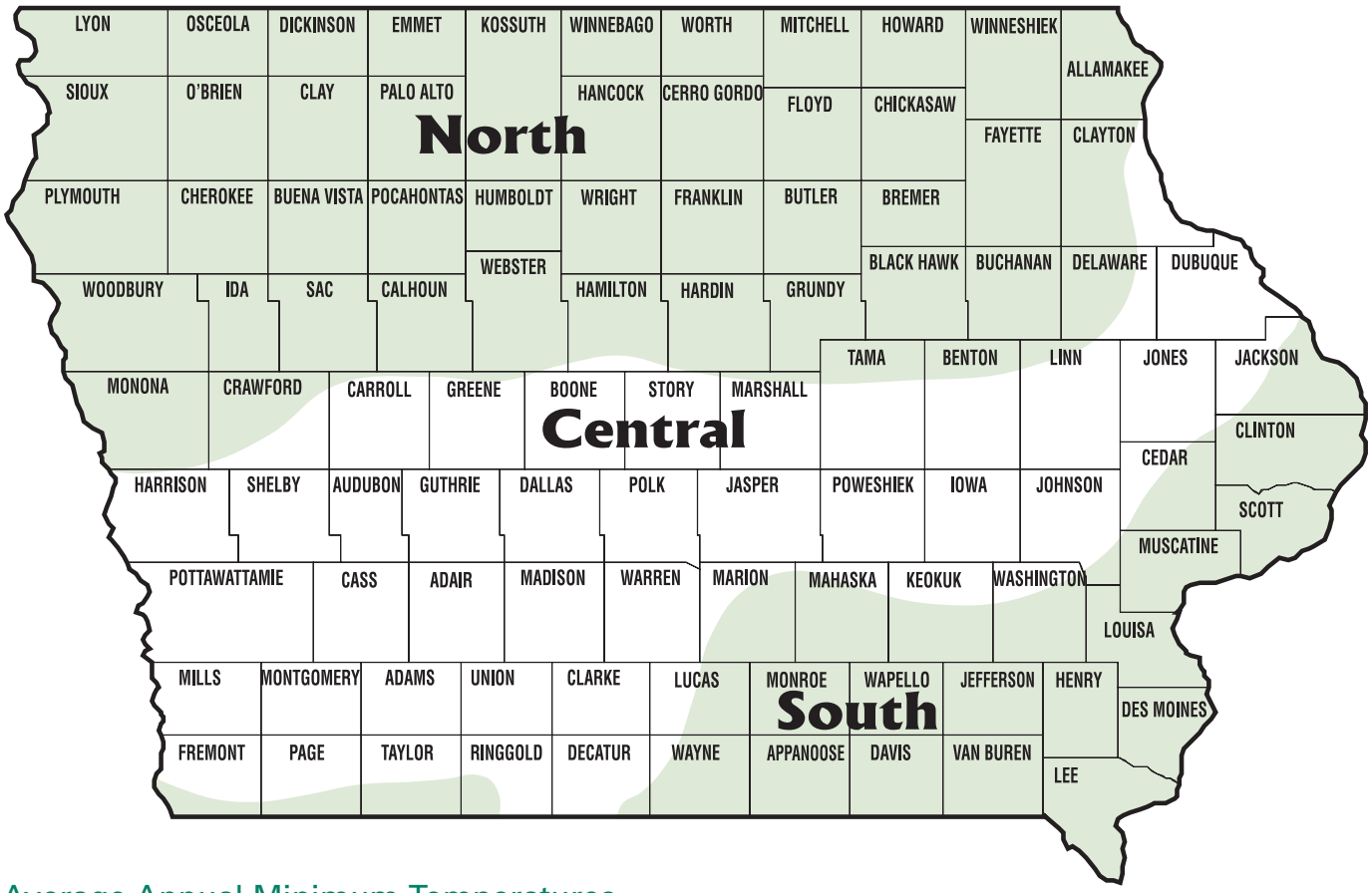
*Disclaimer Clause: Listing of nurseries is not intended to be an endorsement to exclusion of other nurseries that may offer similar products.

[z]Nursery caters to commercial fruit tree growers, but individual trees or small quantities of plants can be purchased by home gardeners.

[y]Nursery caters to commercial small fruit growers, but small quantities of plants can be purcased by home gardeners.

[x]Nursery has separate home (complete line) and commercial (fruit trees only) division catalogs.

Plant Hardiness Zone Map



Average Annual Minimum Temperatures

Zone

North	-29°C to -32°C (-20°F to -25°F)
Central	-26°C to -29°C (-15°F to -20°F)
South	-23°C to -26°C (-10°F to -15°F)

These plant hardiness zones have been established by United States Department of Agriculture.

File: Hort and LA 2-3

Prepared by Paul Domoto, professor of horticulture and extension fruit specialist; Richard Jauron, extension home horticulturist; and Gail Nonnecke, professor of horticulture.

IOWA STATE UNIVERSITY
University Extension

Helping Iowans become their best.

. . and justice for all
The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Many materials can be made available in alternative formats for ADA clients. To file a complaint of discrimination, write USDA, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964.

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Jack M. Payne, director, Cooperative Extension Service, Iowa State University of Science and Technology, Ames, Iowa.