Variety	Туре	Ripening compared to Red Delicious	Earlier	Same	Later	Page
Linda Mac	McIntosh	20 days before	х			3
Ruby Mac	McIntosh	20 days before	х			3
"Redcourt Sport"	Cortland	2 days before	х			5
Imperial Gala	Gala	23 days before	х			6
Crimson Gala	Gala	23 days before	х			6
Pacific Gala	Gala	23 days before	х			6
Twin Bee Gala	Gala	23 days before	х			7
Buckeye Gala	Gala	23 days before	х			7
Ultima Gala	Gala	23 days before	х			7
Brookfield Gala	Gala	23 days before	х			7
Hacker Special	Gala	3 days before	х			8
Blondee	Gala	25 days before	х			8
Galarina	Gala	18 days before	х			8
Jonagored	Jonagold	10 days before	х			9
Rubinstar	Jonagold	10 days before	х			9
Jonagored Supra	Jonagold	10 days before	х			9
Ruby Jon	Jonathan	10 days before	х			10
Resi	Jonathan	28 days before	х			10
Northern Spy	Spy	8 days before	х			10
Rising Sun Fuji	Fuji-Early	3 days before	х			12
September Wonder Fuji	Fuji-Early	3 days before	х			12
Coe Red Fuji	Fuji	22 days before	х			12
Honeycrisp	Honeycrisp	5 days before	х			16
Royal Red Honeycrisp	Honeycrisp	5 days before	х			17
Dandee Red	Red Flesh	40 days before	х			19
CrimsonCrisp	Scab Resistant	10 days before	х			20
SweeTango	Miscellaneous	21 days before	х			20
Pink Rose	Miscellaneous	3 days before	х			22
Belmac	McIntosh	same time		х		4
Supermac	McIntosh	same time		х		4
Eden	McIntosh	same time		х		4
JonaStar	Jonagold	same time		х		10
Schlect Spur	Red Delicious	same time		х		13
Adams Apple	Red Delicious	same time		х		14
TO1058	Miscellaneous	same time		х		14
Ambrosia	Miscellaneous	same time		х		22
SPA365	McIntosh	3 days after			х	4
Redcort	Cortland	10 days after			х	5
Royal Empire	Empire	4 days after			х	5
Thome Empire	Empire	4 days after			х	5
Crown Empire	Empire	4 days after			х	6

Variety	Туре	Ripening compared to Red Delicious	Earlier	Same	Later	Page
Releika	Gala	5 days after			x	8
Novaspy	Spy	10 days after			X	11
Auvil Early Fuji	Fuji-Early	5 days after			X	11
Daybreak Fuji	Fuji-Early	5 days after			х	11
Morning Mist Fuji	Fuji-Early	5 days after			х	11
Desert Rose Fuji	Fuji	22 days after			х	12
Banning Red Fuji	Fuji	20 days after			х	13
Aztec Fuji	Fuji	20 days after			х	13
Autumn Rose Fuji	Fuji	22 days after			х	13
Cameo	Red Delicious	15 days after			х	14
Smoothee	Yellow	5 days after			х	14
	Delicious					
Marquis Idared	Ida Red	5 days after			х	15
Klein Idared	Ida Red	7 days after			х	15
Braeburn	Braeburn	45 days after			х	15
Joburn Braeburn	Braeburn	20 days after			х	15
Kumeu Crimson	Braeburn	20 days after			х	16
Braeburn						
Redfield Red Braeburn	Braeburn	20 days after			х	16
Mariri Red Braeburn	Braeburn	20 days after			х	16
Rajka	Rome	10 days after			х	20
Snowsweet	Miscellaneous	20 days after			х	20
Sabina	Miscellaneous	5 days after			х	21
SPA505	Miscellaneous	8 days after			х	21
8C-17-30	Miscellaneous	6 days after			х	21
8S-27-43	Miscellaneous	6 days after			х	21
Goldrush	Yellow	45 days after			х	22
Granny Smith	Miscellaneous	35 days after			х	22



Variety: Linda Mac Other Names: Bull McIntosh cultivar Type: McIntosh Description: Whole tree mutation in Red McIntosh orchard in Casnovia, Michigan. Colors earlier than original with early stripe that fills out to solid blush, ripens at same time as original. Ripens 20 days earlier than Red

Delicious.



Variety: Snappy Mac Other Names: Gunnison Type: McIntosh Description: Medium dark red blush.



Variety: Ruby Mac Other Names: Thome McIntosh Type: McIntosh Description: Limb mutation found by B. Thome in Red Max orchard. Early coloring, blush, more color than Linda Mac. Ripens 20 days earlier than Red Delicious.



Variety: R & S 2009A Type: McIntosh Description: Mac limb sport.



#### Variety: SPA365 Type: McIntosh

**Description:** Sinta X Jonamac. 70% attractive smooth blush cherry red on yellow/green, smooth skin, some russet, 2 ¾ to 3 1/4", round/slight oblate, long storage, productive, sweet with some acidity, somewhat Jonathan and Mac like flavor, white/slight cream, maclike habit. Ripens 3 days after Red Delicious.



Type: McIntosh Description: Mcintosh X PRI 674, Quebec breeding program. Scab resistant, similar to Spartan, larger, longer storage life, round, medium-large, sometimes lopsided, white flesh, resistant to fruit crop. Ripens at the same time as Red Delicious.



Variety: Belmac Type: McIntosh Description: Ottawa 521 x Spartan. Scab resistant, large apple, mac-like, smooth, thick skin, red with green stripes, white flesh with touch of green, firm, coarse texture. Ripens at the same time as Red Delicious.



Variety: Eden Other Names: SJCA38R6A74 Type: McIntosh Description: Scab resistant, Quebec breeding program. Ripens at the same time as Red Delicious.



Variety: Redcort Other Names: Nicklin Type: Cortland Description: Cortland type, shy bearer, attractive 90% purplish red color with red stripe earlier, no russet, matured in late September, if picked green has tendency to scald. Ripens 10 days after Red Delicious.



Variety: Royal Empire Other Names: Teeple Red Empire Type: Empire

**Description**: Early strain of empire. Limb sport of Empire, fruit has solid red blush, but more stripe than TF 808; early coloring, more coloring than standard. Similar to empire in all other aspects. Ripens 4 days after Red Delicious.



Variety: "Redcourt Sport" Type: Cortland Description: Not official name, dark red, mainly blush type. Ripens 2 days earlier than Red Delicious.



Variety: Thome Empire Other Names: TF-808 Type: Empire Description: Whole tree mutation of empire. Dark red sport with no stripe, non-spur, colors better than standard Empire but is mature at same time. Ripens 4 days after Red Delicious.



Variety: Crown Empire Other Names: Crist cultivar Type: Empire Description: Blush limb sport of Empire. Colors earlier and more completely than Empire, similar to Empire in other regards. Ripens 4 days after Red Delicious.



Variety: Crimson Gala Other Names: Waliser cultivar Type: Gala

**Description**: Striped red sport of Royal Gala. Sport of Royal Gala found by Kent Waliser in Oregon in 1988. Fruit is cherry red rather than dark red, lighter stripe than Royal Gala, lighter and less stripe than Buckeye Gala. Ripens 23 days earlier than Red Delicious.



Variety: Imperial Gala Other Names: Mitchell Type: Gala Description: Striped sport fil

**Description**: Striped sport, filled in color, colors better than Royal or standard may develop bleached appearance to the skin, later maturing, maybe better storing, good quality reputation. Ripens 23 days earlier than Red Delicious.



Variety: Pacific Gala Other Names: Olsentwo cultivar Type: Gala

Description: Whole tree mutation of Royal Gala. Whole tree mutation of Royal Gala discovered in 1989 by Dick and Larry Olsen, more striped than Ultrared but less than royal, darker than Imperial Gala. Ripens 23 days earlier than Red Delicious.



Variety: Twin Bee Gala Other Names: TWI-300 Type: Gala Description: Limb sport of Tenroy/ Royal Gala. Red stripe, slightly less color than Gale Gala, highly colored, strong stripe, slightly less stripe than Brookfield. Ripens 23 days before Red

Delicious.



Variety: Ultima Gala Other Names: Banning cultivar Type: Gala Description: Red mutation of Imperial Gala. Limb mutation of imperial. Ripens 23 days before Red Delicious.



Variety: Buckeye Gala Other Names: PV1001, Peace Valley 1001 Type: Gala

**Description**: Limb sport of Imperial Gala. Colors full deep red with strong, stable stripe, colors much earlier and ripens approximately 1 week before Imperial. Ripens 23 days before Red Delicious.



Variety: Brookfield Gala Other names: Baigent cultivar Type: Gala

**Description**: Limb mutation of Royal. From New Zealand, pronounced dark stripes, very slight scarf skin in stem bowl. Ripens 23 days before Red Delicious.



Variety: Hacker Special Type: Gala

**Description**: Fence row seeding. Conic, Gala appearance but late, dense Stayman-like flesh, cherry ruby red slight brown blush, prominent lenticels. Ripens 3 days before Red Delicious.



Variety: Releika Other Names: Rezista Gala-Like Type: Gala

Description: Resistant to apple scab, mildew, but mod susceptible to fire blight, mid-size, thick smooth glossy skin, solid medium dark cherry red, stem russet in bowl, firm flesh, not as sweet as gala, bitter skin, fruit pulls hard, hangs well. Ripens 5 days after Red Delicious.



Variety: Blondee Other Names: MO1040 Type: Gala Description: Limb sport of Kidda Gala. Clear Shiny, yellow skin, some blush with inconspicuous lenticels, firm, sweet crunchy, good shelf life, slightly ribbed, Golden Delicious shaped, deep calyx. Ripens 25 days before Red Delicious.



Variety: Galarina Other Names: x-4962 cultivar Type: Gala

**Description**: Gala X Florina- Quebec apple breeding program. Scab Resistant, small to medium size, conic, lobed, smooth thick skin, medium red with stripes, yellow/white flesh, bitter pit tendency, ripens shortly after Gala, better shelf life than Gala, fruit holds on tree into winter. Ripens 18 days before Red Delicious.



Variety: Jonagored Other Names: Morrens Type: Jonagold

Description: Limb sport Jonagold. Perhaps has more tart flavor than standard Jongold, slight stripe, more red than standard or Nicobel, maybe slightly more red than Decoster, but less than Rubinstar, ripens ahead of standard. Ripens 10 days before Red Delicious.



Variety: Rubinstar Type: Jonagold Description: Originated at Gailberg, Germany in 1980 as a Jonagold bud mutation. Similar to conventional Jonagold except that it matures about 1 week early, and has more red at 80% with more striping, USPP 7590. Ripens 10 days before Red Delicious.



#### Variety: Red Jonaprince

#### Type: Jonagold

**Description**: Jonagold mutation. Wiltons red Jonagold strain found in the Netherlands. Early coloring and ripening (4 to 5 weeks earlier), reputed to have firmer, sweeter, and more acid fruit.



Variety: Jonagored Supra Type: Jonagold Description: Sport Jonagold. Better color than original Jonagold. Ripens 10 days before Red Delicious.



Variety: JonaStar Type: Jonagold Description: Colors six to eight weeks before maturity. Bright red with stripe. Ripens at the same time as Red Delicious.



Variety: Resi Other Names: Rezista Early Jonathan Type: Jonathan Description: Not a true Jonathan, reputed to be: fruit medium to small, very productive, resistance to apple scab and bacterial canker, and tolerance to fire blight and mildew, internal browning, irregular shape, some lobes. Ripens 28 days before Red Delicious.



Variety: Ruby Jon Other Names: BJ-809, Jackson Johnson cultivar Type: Jonathan Description: Limb mutation of Jonnee. Red dark

skin color, smooth finish perhaps with less tendency to scarf skin, hangs like typical Jonathan, ripens a few days earlier than Jonnee, blush type like Jonared, red does not bleed into flesh. Ripens 10 days before Red Delicious.



Variety: Northern Spy Type: Spy

**Description**: Very vigorous but slow to begin bearing fruit; 40% medium red with slight stripe on green/yellow back, alternate bearing. Fruit is large, firm, stores well, and good eating and cooking. Ripens 8 days before Red Delicious.



#### Variety: Novaspy Type: Spy

**Description**: Red Spy X Golden, Nova Scotia, C. DesLauriers prog. Globose-conical, smooth skin 30-85% striped to blushed dark red, flesh creamy yellow, fine textured, very firm, crisp, mod tender, juicy, mod acid, flavor very good, 2 weeks before Northern Spy, weepy habit, shorter storage than Northern Spy. Ripens 10 days after Red Delicious.



Variety: Daybreak Fuji Other Names: Rankin Type: Fuji- Early Description: Fuji sport. Early maturing Fuji discovered at Twin Springs Fruit Farm, Orrtanna, PA. Ripens 5 days after Red Delicious.



Variety: Auvil Early Fuji Other Names: Fuji 216 cultivar Type: Fuji- Early Description: Fuji limb sport of TAC 114. Early Blush red strain of Fuji, early coloring and maturing, nice color, good quality, productive. Ripens 5 days after Red Delicious.



Variety: Morning Mist Fuji Type: Fuji- Early Description: Early ripening Fuji. Ripens 5 days after Red Delicious.



Variety: Rising Sun Fuji Other Names: CG1023, Earlired Fuji Type: Fuji- Early

**Description**: Limb Sport. Very early coloring and maturing, color is attractive full pinkish red, flesh is less dense than standard, more uniform shape than standard Fuji, somewhat bland in 2003 & 08. Ripens 3 days before Red Delicious.



Variety: Desert Rose Fuji Type: Fuji Description: Medium dark solid, ruby red, with blush, blush type, smooth finish, regular Fuji

season. Ripens 22 days after Red Delicious.



Variety: September Wonder Fuji Other Names: Fiero cultivar, Jubilee Fuji Type: Fuji- Early

**Description**: Whole tree mutation of an early Fuji. Early true Fuji, blush type, dark ruby red color skin, medium acidity, good flavor, smooth skin, relatively dense flesh, more red than Rising Sun Fuji. Ripens 3 days before Red Delicious.



Variety: Coe Red Fuji Other Names: Pasco cultivar Type: Fuji Description: Blush type, ripens with standard Fuji, pink highlight like sun Fuji. Ripens 22 days before Red Delicious.



Variety: Banning Red Fuji Type: Fuji Description: Red sport of Desert Rose Fuji. Red stripe on red background. Ripens 20 days after

Red Delicious.



Variety: Autumn Rose Fuji Other Names: Browner cultivar, Fuji Koho Type: Fuji Description: Selection from Nagafu 12, more

stripe, regular Fuji season, nearly solid medium dull red/orange skin on yellow background. Ripens 22 days after Red Delicious.



Variety: Aztec Fuji Other Names: DT2 Type: Fuji Description: From New Zealand, Simpson Nurseries, pinkish-red with nice striped, so far with less russet than typical Fuji, reports of coloring 20% to 25% more than other current strains. Ripens 20 days after Red Delicious.



Variety: Schlect Spur Type: Red Delicious Description: Found in spur Red block in Yakima. Early coloring blush type Red Delicious. Ripens at the same time as Red Delicious.



Variety: Adams Apple Other Names: Burchinal cultivar Type: Red Delicious Description: Limb sport of Oregon Spur. Early coloring, very dark color, mainly blush, red delicious, Van Well exclusive, fruit characteristics of Oregon Spur Delicious. Ripens at the same time as Red Delicious.



Variety: TO1058 Other Names: Thome Cameo Type: Miscellaneous Description: Ripens at the same time as Red Delicious.



#### Variety: Cameo

Type: Red Delicious

**Description**: Chance seedling. Variable red stripe over white/slight green, fine texture, firm, long storage, round, biannual tendency, precocious, mid to late season bloom, high acidity mellows in storage, variable performance, sunscald tendency, bitter pit tendency. Ripens 15 days after Red Delicious.



Variety: Smoothee Other Names: Gibson, Improved Golden Type: Yellow Delicious

**Description:** True golden type, crisp taste and good flavor. Matures in late September in Southwest Michigan, semi- vigorous, biennial veering tendency, less russet than original Golden Delicious, PP. Ripens 5 days after Red Delicious.



Variety: Marquis Idared Other Names: TF-806 Type: Ida Red Description: Idea Red whole tree sport from Thome Farms, redder than standard Ida Red, otherwise similar red color skin, large size, white flesh not high acidity taste, juicy. Ripens 5 days after Red Delicious.



#### Variety: Braeburn Type: Braeburn

**Description**: Late maturing, red/brown on green background, firm and crisp flesh, juicy, sweet, mild acidity, slow browning flesh, fresh market, processing, cooking, salads, long storage, young trees with bitterpit tendency, susceptible to fire blight. Ripens 45 days after Red Delicious.



Variety: Klein Idared Other Names: SK 1060 Type: Ida Red Description: Dark blush. Ripens 7 days after Red Delicious.



Variety: Joburn Braeburn Other Names: Aurora Braeburn Type: Braeburn Description: Braeburn limb mutation, Dawes Bay, red, orange, brown skin color light shape less acid than original. Ripens 20 days after Red Delicious.



Variety: Kumeu Crimson Braeburn Other Names: AMG 1016 Type: Braeburn Description: Red Braeburn from New Zeeland, 80 to 100% red color with a nice stripe, colors early, typical Braeburn quality and storage. Ripens 20 days after Red Delicious.



Variety: Mariri Red Braeburn Other Names: Eve Type: Braeburn Description: Red Braeburn Sport. Red strain Braeburn medium red/brown blush, early evaluation, maybe slightly later maturity. Ripens 20 days after Red Delicious.



Variety: Redfield Red Braeburn Other Names: Mahana cultivar Type: Braeburn Description: Bright, cherry-red blush, typey shape. Ripens 20 days after Red Delicious.



Variety: Honeycrisp Other Names: MN1711R, Honeycrunch (Eur) Type: Honeycrisp

**Description**: Honeygold cross. 50% brighter red color, large apple, hardy, good eating quality, firm, crisp, mild flavor, sun scald tendency in some years, bitter pit, multipack variety. Ripens 5 days before Red Delicious.



Variety: Royal Red Honeycrisp Other Names:LJ-1000 Type: Honeycrisp Description: High-colored sport found in Quincy, Washington, grower Larry D. Jones in 2005. Ripens 5 days before Red Delicious.



Variety: Sport Honeycrisp Type: Honeycrisp Description: From Bob Gregory.



Variety: K & k 100 Type: Honeycrisp Description: Honeycrisp red strain.



Variety: Cowichan Type: Red Flesh Description: Red flesh crabapple variety, used for jelly.



Variety: Henrietta Crosby Type: Red Flesh Description: Red flesh variety.



Variety: Otterson Type: Red Flesh Description: Red flesh variety.



Variety: Irene Type: Red Flesh Description: Red flesh variety.



Variety: Prairie Fire Type: Red Flesh Description: Red Flesh variety.



Variety: Selkirk Type: Red Flesh Description: Red flesh variety.



Variety: Timiskaming Type: Red Flesh Description: Red flesh variety.



Variety: Sissipuk Type: Red Flesh Description: Red flesh variety.



Variety: Dandee Red Other Names: PV 1027 Type: Red Flesh Description: Limb mutation of Paula Red. Early ripening full red apple, about 1 week ahead of Paula Red, 80 to 100% deep blush red, fruit is large, round, and somewhat flattened like McIntosh. Flavor is tart and pleasing. Flesh is creamy yellow to white, non-oxidizing flesh. Ripens 40 days before Red Delicious.



Variety: Rajka Other Names: Rezista Rome Type: Rome

**Description**: Bright red and yellow, developed with disease resistance to apple scab and mildew tolerance, upright tree, bitter pit, tip bearer, looks like yellow Jonagold/Crispin, fine texture flesh, very susceptible to fire bite. Ripens 10 days after Red Delicious.



Variety: CrimsonCrisp Other Names: Co-op 39, CLR 2014 Type: Scab Resistant Description: Scab resistant, cherry red to dark skin, medium size, round/oblate, smooth finish, yellow flesh, high acid, mod sweet, nice flavor, maintains firmness, thick skin, productive, large

Red Delicious.

calyx, looks like Jonathan. Ripens 10 days before



Variety: Snowsweet Other Names: MN 1797, Wildung Type: Miscellaneous Description: Sharon X Connell Red. Sweet, crisp, medium size, round oblate, lower vigor, dull red/brown blush, smooth skin, good size, tart, becoming bland, white flesh. Ripens 20 days after Red Delicious.



Variety: SweeTango Other Names: MN 1914, Minneiska Type: Miscellaneous Description: Honeycrisp and Zestarl. Round/conic, medium to large, 70% medium red on yellow back, prominent lenticels and russet some years, long storage for early apple, crisp, cream white flesh, slightly tart, susceptible to fire blight, hardy. Ripens 21 days before Red Delicious.



Variety: Sabina Other Names: SPA343 Type: Miscellaneous Description: Sandow x Schoner aus Nordhausen. 70% red blush with yellow back, very rough finish with prominent lenticels, pippin looking, aromatic with slight nutty flavor, fine texture flesh, high quality with long shelf life, productive, 2 ½ to 3", crisp and hard, juicy when ripe. Ripens 5 days after Red Delicious.



Variety: 8C-17-30 Type: Miscellaneous Description: Somewhat Mac-like appearance, harvest with or shortly after Empire in mid-September, firmer and less drop than Mac, 40-80% red/purple on green background, white flesh, larger than Empire. Ripens 6 days after Red Delicious.



#### Variety: SPA505

Type: Miscellaneous

**Description**: Gala X Splendour. Attractive, high quality fruit, good storage life, medium to large, round/strongly oblate, smooth glossy skin, 80% red blush on yellow-green, crisp, firm, sweet, juicy, moderate acidity, dense, aromatic, crème white flesh, trunk burrknot, good storage. Ripens 8 days after Red Delicious.



Variety: 8S-27-43 Type: Miscellaneous Description: Gala X Splendour. Large, round/slight conic, 80% smooth dark red blush, with yellow green background, tough skin, crisp, hard, juicy, creamy white to slight yellow moderately coarse flesh, aromatic, sweet, low acidity, some fire blight. Ripens 6 days after Red Delicious.



Variety: Ambrosia

**Type**: Miscellaneous **Description**: Chance seedling near Causten, BC. Round/conical M to L, 70% pink on yellow/white back, slight stripes, low acid, bland, aromatic, creamy white flesh, upright habit, prone to rub marks, ripens quickly some years, prone to fire blight. Ripens at the same time as Red Delicious.



Variety: Granny Smith Type: Miscellaneous Description: Large, green skin. Sometimes red blush, tart firm apple maturing in early November, good storage life. Ripens 35 days after Red Delicious.



Variety: Goldrush Other Names: Co-op 38 Type: Yellow

**Description**: scab resistant, very crisp, yellow green skin with russet tendency, mid-October harvest in SW Michigan, medium size fruit, excellent flavor out of storage, productive, mildew suspect, excellent sauce and slice apple. Ripens 45 days after Red Delicious.



Variety: Pink Rose Other Names: Pink Kiss, ADM Apple Type: Miscellaneous Description: Sport of Pink Lady, harvests 10 days earlier, looks like redder Honeycrisp, has chlorotic leaves like HC, thicker, skin bright red on orange yellow back, productive. Ripens 3 days before Red Delicious.