

BRIEF DESCRIPTION OF APPLE SELECTIONS AND CULTIVARS

CODES

Blk no.-row no.-tree no. MOST PROMISING, PPROMISING, EARLY, UNIQUE, DISCARD. **Bolded** selections are the best on or near their ripening date.

EXTERNAL FRUIT CHARACTERISTICS

Size: small (< 6.5 cm), medium (6.5-8 cm), large (> 8 cm)

Shape: round, oblate, conic, oblique, oblong, ribbed, rough

Cavity and Basin: shallow, medium, deep, wide, narrow

Stem: short, medium, long, thick

Calyx: open, closed

Skin: smooth, prominent lenticels, thick, thin, waxy in storage

Over Colour of fruit: red, pink, orange, dark, dull, light, stripe, splash, blush, bloom, wash

Percent Over Colour: (a numerical value) *-attractive

Under Colour of fruit: cream, yellow, green, light, medium, dark, bright

INTERNAL FRUIT CHARACTERISTICS

Flavour: sweet, sour, astringent, bitter after taste, aromatic, poor, fair, good, super

Uses for fruit: dessert, cooking, salad, juice, dehydrating, and poor, fair, good, excellent

Browning resistance of cut fruit: poor, fair, good, excellent

Core: small, medium, large, closed, open, edible

Fruit flesh texture: coarse, fine, breaking, crisp, juicy, soft, spongy, firm, tender, not, slightly

Flesh colour: bright, light, white, cream, yellow, green, red vascular tissue and/or near skin

Cooked flesh: firm, medium, soft, white, pinkish, yellow, cream, greenish, dark, light, bright

OTHER CHARACTERISTICS

Ripening Season: very early (before Aug 25), early (Aug 25 to 31), mid (Sept 1 to 10), late (Sept 11 to 20), very late (after Sept 20)
fruit hangs on tree, falls easily

Storability of fruit: poor, fair, good, excellent

Tree hardiness and branching habit: poor, fair, good, excellent, hardy, not hardy, leggy, MacWijcik dwarf spur type

Vigour of tree: semi-dwarf, normal, vigorous

Disease: mildew, leaf spot, fire blight(0 and 1-resistant, 2-slightly resistant, 3-slightly susceptible, 4-susceptable, 5-very susceptible)

External Fruit Characteristics

Internal Fruit Characteristics

Other Characteristics

codes	siz	sha	cav	bas	ste	cal	ski	ovc	per	unc	fla	use	bro	cor	tex	flc	cfl	sea	sto	tre	vig	dis	
sel'n no.																							
4-4-35	m	ot						or	90*		swg	gdgc	f	mc	fcrj	c	fw	l	fg	l			m0
4-4-13		*					tk				sw				fcrj								
4-4-18		*									sw				fcrj				g	l			
4-5-14	l	rd					w	orsp	80	lg		gd	e	sc	fcrj			m	g	ghl	v	F0	
4-5-24	m	*									sw	ed	g	sce	fcrj			m-l	g	gh			
4-6-46	l				l			prst	*90?		fa	d	f	sc	fmj		m	m-lh	g	eh	n	m0	
4-6-48 P	m	c*			m		w	lrsp	*100	gyc	gatar	gd	g	mc	vrj	c/w		l	e	eh	n-v	m0	
4-9-14U	s	c									susw	j	p	o	vf	y		vlh					
4-10-36 P	s/m	*			l			lo	1*	my	esw	gd	g	sc	jfcr*	ly	sy	lh	f	eh	m	m0f1	
4-10-43 M	s-m				l		w	dr	80*	lgy	swg	eds	g	om	crjps*	cwrv	mpy	vlh	e	e	d	m0	
Codes	siz	sha	cav	bas	ste	cal	ski	ovc	per	unc	fla	use	bro	cor	tex	flc	cfl	sea	sto	tre	vig	dis	
Codes	siz	sha	cav	bas	ste	cal	ski	ovc	per	unc	fla	use	bro	cor	tex	flc	cfl	sea	sto	tre	vig	dis	
4-11-44	l	r			l			dl	50	g	swg	d			crj			m	g	ghl	n-v	m0	
4-11-48 P	ml	*c			l			r	90		gsw	gd			fcrj	w		mf	g	ghl	vig		
4-13-43 U	m	*ot			m			rstsp	80		gsws	gdec	e	vsc	fmcrrf			l	g	eh*	n	m0	
4-15-41 D	m	*						r	100*		esw*	ed			*			e		eh	n	m1f2	
4-15-50 P	m	*						r	100*		esw*	ed		vsm	crj	w		e	g	eh	n	m1f0	
4-16-26	m	*ot						orstp	90*	gy	gsw	gd		*	*	lg		l	g	gh		f1	
4-17-49	l	*						r			gsw	gd			fcrj			m		ghl			
4-18-31		ot						rw	50	lg	gsw	ed			crj			l		fhds	vd		
4-18-42					vs			rw	90	lyg	gsw	gd			fcrj	lg				nds	d		
4-19-07 P	m	*c					tk	lrw	80	lgc	gsw	gd			fcrj	w		m		gh	n	f0	
4-20-46		*						lpr		lg	gsw	gd			fcrj					fh			
4-20-49								r				gd				w						f?	
4-21-45		*						r				gd						ve?		ds		f1	
4-21-46								obl	5	lgy	gsw	ed			*fcrj			m		dsg		f0	

4-22-38		*						lrw	95		gsw	gd				w		ml?		dsgh		
4-22-43 ?d		*						lr	100		gsw	gd								dsgh		f2
5-2-43 P	l	r			l		pl	y	80?		gsws	gd?c	g	sc	fcrj	y		l	e	eh	n	
5-2-52 P	m-l	c*						lrbw	80	lgcy	swwg	gd	e	so	fcrj	c	y	vlh	g	ghl	n-v	f0
5-4-14 P	l	slr					tk	pspw	80*	lgcg	swb	df	f	lo	crj	g		m	g	nh		f2
5-6-33 P	l	r						rstsp	90*		swg	gd	g	sc	*	w		e-m		gh	n	f0
5-12-22 D	m	c*						r	90	g	swwg	gd	g			poor		m	g	fh	v	
5-19-20 P	m-l	c*					wtk	lr	95*	ly	swg	gdgc	g	mc	*	bywr	w	l	f	ghl	v	m0f0
Codes	siz	sha	cav	bas	ste	cal	ski	ovc	per	unc	fla	use	bro	cor	tex	flc	cfl	sea	sto	tre	vig	dis
18-4-6	m-l							dursp	*	g+lg	sw	fd	p					m				
18-4-14	m							r		g	swg	gd						l	g	ghl	v	
18-6-11 P	s-m	ot*						drsp		dg	swg	gd			fsp	lg		vlf	g	fh		m0
18-7-9 P	s	*			t			rwsp	90*	gc	swg	gdj	p					lh	g	gh		
18-7-10 P*	l	r*						orstsp	80	g	swg	ed			fmcrcj			vl	vg	ghl	v	
18-8-9 P	s	rb						r	80		arg	gd		mc	scrj			m	g	fh		
18-9-8	m							dursp	50	g	swg	f-gd			fmcrcj	lg		l	g	fh		
18-10-19	s-m							dr	100*		swg	gdj	f	mo	fmcrcj		my	l-vlh	f	fh		f?m?
Codes	siz	sha	cav	bas	ste	cal	ski	ovc	per	unc	fla	use	bro	cor	tex	flc	cfl	sea	sto	tre	vig	dis
18-10-32M	l	rdoq	m	w	s	c	sm	or	50	lg	swg	gd	g	smc	fmcrcj	w	s	m	g-e	gh	v	f2m1
18-12-19U	s-m	c						r	30	g	swwg	cjg						vl	g	fh	n	
18-17-3 D	m-l							obl	20*	lgy	swg	gd	g	smc	fmcrcj	ly		vl	g	gh		m0
18-17-11	m-l	ot*						rw	100*	c	swwg	gd	g	sc	fmcrcj	cw		lh	e	gh	n	m0
18-19-13	m	cr					tk	drw	100*	yg	Swgat	gd	f	mo	crj	cr		e	g	gh	v	m0
Codes	siz	sha	cav	bas	ste	cal	ski	ovc	per	unc	fla	use	bro	cor	tex	flc	cfl	sea	sto	tre	vig	dis
18-22-23P	l	ot*			l			obsp	10*	cgy	Swwg	gds	g	sc	fcrj*	byw		mh	e	gh	n	m0
18-28-01	l	*c									swg	gd			fcr			ve	f	gh	v	f2
18-28-19P	l	rdr									swwg	gd	g					ve	f	ehl	v	f0
18-42-13P	m	c																ve				
21-64-11	s-m	ot*						obl	20*	lg	swg	gd	g	sc	*	cw		vl	g	fh		m0
SK Prairie-Sun	m	ot*						rstsp	20	cg	swg	gdec	e	e*	crj*	w	w	e-m	p-f	eh	d	m0f0
Carlos	m	*						o	20	yg	swg	gd	g	sc	crj			m	f	fh		f0
-Queen																						
Goodland	m-l	*						rstsp	30	cg	swg	gdc	g	sc	scrj	w		m-l	g	ph		
Honey-Crisp	l	c*						rbl	60*	cg	swg	gd	g	sc	*	c		vl	e	ph		
Fall Red	m-l	*						r	100*	c	sf	pd	g		Fm			l	f	fh		f2
Norkent	m	c						orbl	50	lg	swg	gd	g		*			m	g	fh		f2
Norland	s-m																	ve				f3
Sept.Ruby	s-m	c						dr	90*	g	swg	gd			fmcrcj	lg		l	f	gh		f5
codes	siz	sha	cav	bas	ste	cal	ski	ovc	per	unc	fla	use	bro	cor	tex	flc	cfl	sea	sto	tre	vig	dis

Domestic Fruit Program web site: http://www.usask.ca/agriculture/plantsci/dom_fruit/index.html