

Bloom Time Master Sheet

Table 2

1 Variety	Tight pink	Loose pink	Kings open	Full bloom	Petal fall	Comments	Location
74818	5/26/2014		5/30/2014, 40%		6/4/2014 spent		
75413	5/28/2014	5/30/2014	6/1/2014 only 1 of 25 open	6/4/2014 viable			spur
3 Sisters			5/24/2014	6/1/2014, 50%			
Adanac				5/30/2014			
Alexander			5/24/14 first kings		6/6/2014, spent	large blooms	spur & 6" shoottips
Alkmene	5/26/2014		6/1/2014			many unfilled clusters	spur
Almata	5/21/2014			5/30/2014, past viable, a few new		tip and spur	tip/spur
Anoka		5/24/2014	5/28/2014	5/30/2014, 25%, 6/2	6/6/2014, spent spurs, viable tips	spur, tip	spur/tip
Antonovka 109		5/26/2014		5/30/2014, 40%			spur
Antonovka 114		5/26/2014					
Antonovka 126			5/30/2014			huge blooms	
Antonovka 126			5/27/2014, just		6/2/2014 petal drop, a few new		
Antonovka 128			5/30/2014				
Antonovka 37				5/29/2014	6/2/2014 first drops		
Antonovka 37			5/24/2014	5/26/2014, 20%		earliest bloom in area	
Antonovka 38			5/30/2014				
Antonovka 38			5/26/2014, just				
Antonovka 40				5/26/2014, 40%, 5/30			
Antonovka 48		5/24/2014, close	5/26/2014	5/30/2014, 100%	6/2/2014 petal drop, a few new		
Antonovka 49			5/26/2014 and tp	6/2/2014, 5/30/2014, 80%	6/4/2014 p fall, a few new	small fruited	spur
Antonovka 52			5/30/2014				
Antonovka 81	6/2/2014						tip/spur
Ashmead's Kernel		5/28/2014		6/1/2014, 60%, 6/5/2014			spur
Atlas	5/26/2014	5/28/2014		6/1/2014, 50%	6/6/2014, spent	big flowers	
Audrey's Transparent		5/24/2014	5/28/2014	6/2/2014	6/4/2014 p drop		spur

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Autumn Artic	5/24/2014		5/30/2014	6/2/2014	6/4/2014 spent		spur
Battleford		5/30/2014	6/1/2014				
Beacon	5/24/2014	5/26/2014	5/28/2014, just	5/30/2014, 30%	6/4/2014 p fall, half viable		
Beautiful Arcade	5/28/2014				6/4/2014 spent		
Bedford				6/1/2014			
Bethel	5/26/2014		5/29/2014, just	6/1/2014	6/6/2014, spent	late bloomer	
Black Oxford	5/26/2014		6/1/2014, just			clusters not filled late bloomer	tip/spur
Blue Pearmain	5/24/2014						
Bowing			5/24/2014	5/28/2014			
Breaky		5/24/2014	5/25/14 25% open	5/28/2014, 6/1/2014		very white blooms	
Britemac	5/26/2014		6/1/2014		6/6/2014, variable, spurs spent, tips new	few blooms per cluster	
Bud 157-33			5/26/2014			red blooms	
Bud 57-233			5/28/2014	5/30/2014		attractive puple and white bloom	
Bud 9		5/26/2014	5/28/2014	5/30/2014	6/2/2014 petal fall	the b9 seedling is precocious in contrast to 118,490	
Burgundy			5/26/14 tight & open	6/1/2014, variable	6/9/2014, successive, closed to petal drop	the wide variance in tp to bloom reflects long harvest window, gradual bloom offers frost protection	
Centennial Crab		5/26/2014, most tight	5/30/2014	6/1/2014	6/6/2014, spent		
Cherry			5/24/2014, 1%				
Chestnut Crab	5/24/2014		5/26/2014	6/1/2014, 75%	6/5/2014, spent	more spur than tip, garlanding	spur/tip
Collet		5/27/2014	5/30/2014		6/6/2014, spent		tip
Connell Red			5/26/2014, and tp	5/30/2014, 30%	6/3/2014 p fall, new blooms, 6/6/2014 most spent		
Cox's Orange Pippin		5/26/2014, one king open	5/30/2014, 25%	6/4/2014 variable, tp to p fall	6/6/2014, spent a few ok		
Crab 24 False Yarlington		5/26/2014	5/30/2014, +		6/2/2014, petal drop starting	small blooms	

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Cranberry			5/26/2014	6/1/2014		loaded, purple blooms, precocious	spur
Creekside Crab		5/26/2014	5/29/2014			retain some pink in bloom	
Crimson Beauty				5/28/2014, 25%, 6/1/2014			
Davey						no blooms, but cropped in 2013	
Dayton	5/25/2014			6/1/2014, 50%	6/5/2014, spent		
Dolgo (grafted)				5/26/2014, 5/30/2014	6/2/2014 30% petal drop, some viable, 6/4/2014 spent	very white blooms, early blooming	
Dolgo sdl 2				5/26/14 petal drop, red leaf			
Dolgo sdl 4				5/26/14, 50% very white			
Dolgo sdl 5				5/26/2014			
Dolgo sdl 6			5/24/2014	5/26/2014			
Dolgo sdl 7			5/26/14 pink tinge				
Duchess		5/29/2014	6/1/2014	6/2/2014	6/6/2014, spent		spur
Dudley			5/26/14, first	6/1/2014	6/6/2014, spent	spur and tip, mostly spur	spur/tip
Early Cortland	5/28/2014	6/1/2014			6/4/2014 viable, some not		tip
Early Harvest			5/26/2014		6/6/2014, variable new and spent		
Elstar	5/26/2014	5/30/2014		6/2/2014	6/4/2014 p fall, spent	some clusters missing	king
Empire	5/28/2014						
Equinox			5/26/2014	5/27/2014, 25%, 6/2/2014	6/4/2014 p fall 90%	loaded, mostly spur	tip/spur
Erwin Bauer		5/26/2014	5/29/2014				spur
Fameuse			5/26/2014	6/1/2014, 75%	6/6/2014, variable, new and old		
Fantazja		6/1/2014					tip

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Fireside		5/26/2014		5/30/2014, 50%,6/2/2014 4 80%, 6/4/2014 p fall just beginning	6/6/2014, spent, a few ok		spur and 8"shootips
Freedom	5/26/2014			5/30/2014, variable,6/4/ 2014 75% bloom	6/5/2014, petal fall, spent	gradual bloom	spur and 8" shoots
Frostbite	5/30/2014						
Garland		6/1/2014					
Gideon	5/26/2014		6/1/2014			small blooms	tip
Gingergold			5/28/2014	6/1/2014			
Golden Lights	5/25/2014	5/26/2014					
Golden Russt	5/30/2014						
goodland		5/24/2014	5/28/2014,ju st	6/2/2014	6/4/2014 spent		
Gravenstein	5/26/2014		5/29/2014	6/1/2014, 25%			
Greenglade	5/26/2014		6/1/2014		6/5/2014, p fall, some viable	late	
Greensleeves	5/26/2014		6/1/2014, variable, tip to subs			gradual blooming	
Haralred	5/21/2014		5/27/2014,ju st	5/30/2014, 50%, 6/1/2014, 80%	6/4/2014 p fall		
Haralson	5/24/2014		5/26/2014	5/30/2014,6/ 1/2014, 30%	6/4/2014 p fall		
Hazen				6/5/2014, spent, except viable tip			
Heyer 12	5/24/2014	5/26/2014					
Heyer 12		5/26/2014		6/1/2014			tip
Heyer 2	6/1/2014						
Hidden rose				6/4/2014 spent			
Honeycrisp	5/21/2014		5/27/2014, just	6/1/2014, 50%	6/5/2014, early p. fall, some viable		most spur
honeygold	5/26/2014		5/29/2014, and tp	6/2/2014	6/5/2014, p fall, some viable, 6/9 spent	gradual blooming	spur
Howgate Wonder		5/26/2014		6/1/2014			
Hudson's Golden Gem	5/28/2014			6/2/2014 bloom and tp			spur and 8"shoots

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Hyslop Crab			6/1/2014			2 cl 7 blooms each, 3cl with 6 blooms each! blooms very white	spur/tip
Ingrid Marie		5/28/2014					
Irish peach	5/26/2014			6/1/2014			tip
Island winter	5/26/2014		6/1/2014, 20 %kings		6/6/2014, p fall, still some viable	latest variety	
Jonathan	5/27/2014				6/6/2014, spent		spur & 8" tip
Jordan Russet	5/24/2014						
Kazakh 739			5/26/2014				
Kazakh 740		5/24/2014	5/26/2014			slightly more advanced than 739	
Kazakh 741	5/26/2014						
Kazakh 742			5/26/2014				
Kazakh 746		5/26/2014					
Kazakh 746	5/24/2014						
Kazakh 759			5/26/2014				
Kazakh 761			5/26/2014				
Kazakh 762		5/24/2014	5/24/2014				
Keepsake	5/21/2014		5/26/2014	6/2/2014, 50%	6/6/2014, spent, a few ok	Keepsake kings opened before hc, but hc secondaries open before keepsake secondaries (same area)	spur
Kerr (grafted)	5/26/2014						
Kitchell Red		5/28/2014					
Lakeland	24-May						
leo	5/21/2014		5/26/2014	5/30/2014 40%, 6/1/2014 90%	6/4/2014 spent, total drop		
Liberty	5/24/2014		5/28/2014	6/1/2014, 75%	6/4/2014, p fall, some viable, 6/6/2014, spent		
Lobo	5/26/2014		5/29/2014	6/4/2014			
Lodi	5/24/2014		5/28/2014	6/2/2014	6/4/2014 petal fall, gradual some new; 6/5/2014, spent		
Lord Lambourne	5/26/2014			6/1, 6/9/2014, successive blooming	6/12/2015	gradual blooming	tip/spur

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Lowland raspberry		5/26/2014		6/2/2014			spur and shoottips
Mac Summerland Red	5/26/2014		6/1/2014				8" shoottips
Macfree		5/26/2014	5/28/2014	6/1/2014 25%	6/4/2014 pfall just beginning, 6/6/2014, spent mostly, a few loose pink		
Malinda	5/24/2014		6/4/2014			small blooms	all spur
Mantet	5/21/2014	5/24/2014	5/26 first king	5/30/2014 50%, 6/3	6/5/2014, spent		
Marlin Stephens		5/26/2014		5/30/2014, 30%	6/6/2014, spent mostly	all spur	spur
McIntosh	5/26/2014	5/29/2014	5/30/2014	6/1/2014,	6/6/2014		
Melba		5/26/2014	5/28/2014	shady	6/5/2014, spent		spur
Milwaukee			5/26/2014	5/30/2014 40%, 6/1/2014 80%	6/5/2014 spent, 6/4/2014 spurs done, tips good	tip and spur, gradual bloom	tip/spur
Mn 852299				6/1/2014, 50%			tip
Mordon 359	5/26/2014		6/1/2014, tp, bloom and petal drop!				25% spur, 75% 8" shoots
N Lights		5/28/2014	6/1/2014				
Niagara		5/26/2014	5/30/2014	6/2/2014	6/4/2014 spent		
Noran			5/26/2014	6/1/2014, petal fall beginning		dolgo like flowers	tip
Norda							80 % tip
Norland			5/23/2014	5/26/2014, 50%	6/2/2014, petal fall and new		
Norson		5/26/2014		6/1/2014			tip/spur
Northern Lights			6/1/2014, just	shady			
Northern Lights Gold				6/1/2014, 50%			
Nova		5/24/2014	5/26/2014	6/1/2014, 75%; 6/4/2014 petal drop 50%, tips still viable	6/6/2014, spent		
NW Greening		5/26/2014	6/2/2014	6/6/2014	6/11 leaf fall		

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Oriole			5/30/2014				spur
Ortley			6/1/2014			many clusters fewer than 5 blooms	
Parkland		5/24/2014, close	5/25/2014	5/26/2014, 5/30/2014	6/2/2014 petal fall, few new blooms		
Patterson	d		5/26/2014	6/1/2014	6/4/2014 p drop 50% tips closed still		tip/spur
Paula Red		5/26/2014		6/1/2014, 20%, variable		gradual blooming	
Peace Garden		5/25/14 kings loosening	5/26/2014, just opening	6/1/2014, 50%	6/5 p fall		
Peach				5/29/2014	6/1/2014, some petalfall	early	
Perriwinkle	5/26/2014			6/2/2014		spur, poor year	spur
Pink Pearl			5/30/2014	6/2/2014	6/6/2014, petal fall	pink bloom	spur
Pomme Gris			5/26/2014	6/1/2014 75%	6/5/2014, spent		spur
Pound Sweet							tip
Prairie Spy	5/24/2014	5/26/2014	5/27/2014	5/30/2015	6/2/2014 light petal drop, 6/6/2014, spent	ropes of bloom right to tips	spur/tip
Quebec belle	5/28/2014		6/1/2014	2-Jun	6/5/2014, spent	late	
Quinte			5/26/2014, just opening	6/1/2014			
Rambo			30-May	6/1/2014	6/6/2014, spent mostly		
Ranetka			5/26/2014	6/1/2014		very white	tip/spur
Red Baron		5/26/2014	5/27/2014	5/30/2014	6/4/2014 some viable		most spur
Red Astrachan			5/28/2014, just	6/1/2014			
Red Burke	5/24/2014	5/26/2014	5/28/2014	6/1/2014	6/6/2014, spent		
Red Wealthy		5/26/2014	5/30/2014	6/2/2014, 75%	6/5/2014, petal fall		spur/tip
Redcort	5/28/2014		6/1/2014		6/5/2014	later bloomer	
Redrock			1-Jun	6/4/2014		late bloom	
Regent			5/28/2014				spur
Rodgers Red			5/30/2014	3-Jun	6/6/2014, spent		

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Rumpus	5/26/2014		6/1/2014, some still tp		6/6/2014	late, loaded	
Safstaholm			5/26/2014			early bloomer	spur
Sakhi's Bitter			5/29/2014		6/5/2014, spent		
Sansa		6/1/2014					
Scott Winter			5/26/2014	5/29/2014,90 %	6/6/2014, spent		
Selkirk		5/26/2014	5/28/2014	6/1/2014	6/5/2014, spent	ropes of bloom right to tips	
Shafer			5/26/2014	6/1/2014	6/4/2014 some viable still		
Smokehouse		5/26/2014		6/6/2014, variable, new and old		gradual bloom offers frost protection	tip
Spencer	5/26/2014		5/30/2014	6/2/2014	6/6/2014		spur
St. Lawrence			5/26/2014	6/1/2014	6/4/2014		
Summer Pearmain			5/26/2014	6/1/2014, variable	6/6/2014, variable, tips are viable	gradual blooming	tip/spur
Summerred			5/24/2014 all kings	5/28/2014	6/4/2014 p fall		
Sunrise	5/26/2014		5/28/2014	6/1/2014			spurs and 8"shoots
Sweet 16	5/26/2014		6/1/2014	6/3/2014, some tight pink	6/10/2014	loaded	spur
Sweet Mac	5/30/2014						on short shootips
Tasty			5/24/2014	5/26/2014		very white blooms, very early blooming	
Treehouse Vanilla		5/24/2014		5/26/2014, 30%		early bloomer	
Trent			5/26/2014, some secondary	5/30/2014	6/5/2014 spent	loaded	spur
Utter	5/30/2014						spur
Vista Bella		5/26/2014		6/1/2014, 50%	6/6/2014, variable, some new, some spent		
Wacota				6/5/2014, loose to fb		later bloomer	
Wagener			5/26/2014	6/1/2014		blooms in a rope of spurs	
Walden Calville		5/26/2014	5/30/2014, 25%	6/2/2014			tip
Walden Golden	5/24/2014		5/30/2014, 25%	6/3/2014	6/10/2014, petal fall		spur/tip
Walden Sunset				6/3/2014			

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Wealthy			5/26/2014, just	5/30/2014	6/4/2014 p fall		
Wedge	5/26/2014			5/30/2014	6/5/2014, spent	loaded	
Westfield SNF			5/28/2014, just	6/1/2014			spur
Westland	5/26/2014			6/1/2014 variation		spurs open before tips, this later blooming tip is apparent in other varieties as well	tip/spur
White angel		5/26/2014	5/28/2014	6/1/2014	6/5/2014, spent		
White Pippin	5/26/2014			6/1/2014		spur	spur
Whitney	5/26/2014	5/28/2014	5/29/2014	6/1/2014, 50%	6/4/2014 petal drop		
Winesap			5/26/2014	6/1/2014			
Winter Banana			6/1/2014, 2 of 10 cl open only	6/2/2014	6/6/2014, spent	late bloomer	tip
Wodarz		5/26/2014		6/1/2014	6/6/2014, variable, new and spent		
Wolf River		5/25/14 kings loosening	5/26/2014	6/1/2014	6/4/2014 petal fall		
Yellow Bellflower				6/1/2014			
Yellow Transparent				5/30/2014			
Zabergau Reinette				6/1/2014		spur	spur
David pear				5/18/2014	5/26/2014, 50% petal drop ; 5/30/2014, spent		
Hill Pear				6/1/2014	6/2/2014 petal fall beginning, spent ny 6/4		
Illinka Pear				5/20/2014	5/28/2014 petal fall	blooms with David	
Luscious Pear				5/26/2014, 50%	6/2/2014 petal fall		
Okolo Pear				5/28/2014			
Shinseiki Pear				5/28/2014			
Staceyville Pear		5/24/2014		5/26/2014	6/2/2014, petal fall	just behind Walden by 3-4 days	
Summercrisp Pear		5/24/2014		5/28/2014	5/30/2014, petal drop		
Walden Large Pear		5/24/2014		5/30/2014			
American plum				5/30/2014, petal drop			
aronia				6/5/2014,			

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Avium				5/30/2014, petal drop just		
baneberry				5/29/2014		
blackand chokecherry			6/1/2014			
blueberry	5/26/2014			6/4/2014		
Bounty Plum				5/24/2014		
Chokeberry			6/1/2014, first			
chokeberry	5/26/2014					
Chokecherry			5/30/2014	6/6/2014		
compass plum	5/26/2014			6/1/2014, 75%		
consort				5/30/2014, berries forming		
Evans			5/24/2014, first few	5/26/2014, 50%		
Fir						3/4" candle on 5/24/14
Greengage				5/30/2014, 50%		
Hansen's				6/1/2014		
highbush cranberry			6/1/2014			
honeysuckle			6/4/2014			
Lilac			5/30/2014			
lingon			6/4/2014 first			
mahaleb				6/2/2014		
Mesabi				5/30/2014	6/6/2014, spent	
Montmorency			5/24/2014	6/2/2014	6/4/2014 most spent, a few viable	
Mt Royal Plum				5/28/2014		
Nanking				5/28/2014		
Northstar cherry				5/28/2014 petal fall	6/1/2014 petal fall	
p. americana				5/21/2014		
perriwinkle				5/26/2014		
pin cherry			5/21/2014, just opened			
prunus avium			5/21/2014			
Prunus Avium sdl				5/28/2014		
purple lilac			6/2/2014 just			
ramps				up by 6/4/2014		
red berried elder				5/26/2014, 50%		
red currants				5/26/2014		

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s pea shrub				6/4/2014			
saskatoons			5/24/2014, first few				
saskatoons				5/26/2014			
saskatoons				5/30/2014, petal fall			
sawfly capture				6/5/2014,			
Siberian Pea Shrub			5/28/2014				
strawberry (dom)			6/1/2014 firstbloom				
summercrisp pear				6/2/2014 petal drop ,spent			
Superior plum				5/30/2014		later than americans, hybrids	
White Lilac			6/1/2014 firstblooms				
wild strawberry				5/24/2014		domestic behind these	
Juneberry					5/26/14 petal drop		

How to read this data:

left out of data were shaded trees, which made differences of up to 5 days progression

spur/tip - predominance of spur

gradual bloom signifies large variance in the bloom of clusters within a particular variety.