

Cold Damage

Table 16

Cultivar	1. less than 5% 2. 5-15% 3. More than 15%. 4. severe (50%)		
Akero	0	Bud 118	0
Albion	0	Bud 9 on Ranetka	0
Alexander	0	Carroll	0
Alkmene	0	Centennial	0
Almata	0	Chehalis	0
American Beauty	0	Chestnut Crab	0
Anaros	0	Collet	0
Anoka	0	Collins	0
Antonovka 81	0	Crab 24 false yarlington	0
Antonovka 102	0	Cranberry	0
Antonovka 109	0	Croncels	0
antonovka 52	0	Dan Silver	0
Antonovka 114	0	Davey	0
Antonovka 1.5	0	Dawn	0
Antonovka 172670-B	0	Deane	0
Antonovka 37	0	Dolgo (grafted)	0
Antonovka 48	0	Douce Charleviox	0
Antonovka 49	0	Duchess	0
Antonovka 54	0	Dudley	0
Antonovka Debnicka	0	Dudley Winter	0
Antonovka Kamenichka	0	Dunning	0
Antonovka Monasir	0	Early Harvest	0
Antonovka Shafrain	0	Elstar	0
Aroma	0	Equinox	0
Ashmead's Kernal	0	Erwin Bauer	0
Audrey	0	Fameuse	0
Autumn Arctic	0	Fantazja	0
Baccata	0	Fox Hill	0
Banane Amere	0	Frostbite TM	0
Beacon	0	Garland	0
Beautiful Arcade	0	Geneva	0
Bedford	0	Gideon	0
Bessemianka Michurina	0	Gilpin	0
Bilodeau	0	Gingergold	0
Black Oxford	0	Golden Russet	0
Blue Pearmain	0	Granny Smith Seedling	0
Borovitsky	0	Green Peak	0
Breaky	0	Greenkpeak	0
		Greensleeves	0
		Haralred	0
		Haralson	0

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Harcourt	0	McIntosh	0
Hawaii	0	Melba	0
Herring's Pippin	0	Miami	0
Hewe's Crab	0	Minnehaha	0
Hibernal	0	MN 85-22-99	0
Honeygold	0	MN 85-23-21	0
Hyslop Crab	0	MN 85-27-43	0
Island Winter	0	Morden	0
Jersey Mac	0	Morden 359	0
Jonamac	0	Niedzwetzkyana	0
Jonathan	0	No Blow	0
Kazakh 1	0	Noran	0
Kazakh 12	0	Noret	0
Kazakh 13	0	Norhey	0
Kazakh 14	0	Norland	0
Kazakh 15	0	Nova Easygro	0
Kazakh 17	0	Novinka	0
Kazakh 2	0	ny 74818	0
Kazakh 3544	0	Ottawa	0
Kazakh 6	0	Oxbo	0
Kazakh 9	0	Ozark Gold	0
Kazakh k12	0	Parkland	0
Kazakh k2	0	Pewaukee	0
Kazakh k3	0	Plum Cider	0
Kazakh k5	0	Pomme Gris	0
Kazakh k8	0	Pound Sweet	0
Kazakhi 11	0	Prairie Spy	0
keepsake	0	Primate	0
Kerr	0	zz Radchinskaia Pear	0
Kerr (grafted)	0	Ranetka	0
Kitchell Red	0	Red Astrachan	0
Lakeland	0	Red Baron	0
Leo	0	Red June	0
Liberty	0	Red Wealthy	0
Lodi	0	Reta	0
Maigold	0	Roger's Red	0
Mantet	0	RubINETTE	0
Martha	0	Safstaholm	0
		Scott Winter	0
		Selkirk	0
		Severny Sinap	0

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Slovianka	0	Kitchell Yellow	0
Smokehouse	0	Macfree	0
Spartan	0	36-305	1
Spencer	0	Almey	1
Sugar Crab	0	Alton	1
Summer Sweet	0	Amsib Crab	1
Summerred	0	Anis	1
Sweet Sal	0	Anisim	1
Sweet Sixteen	0	Antonovka Michurin	1
Taterhouse	0	Atlas	1
Tolman Sweet	0	Bailey Sweet	1
Trail	0	Battleford	1
Trailman	0	Benoni	1
Transcendent	0	Ben's Apple	1
Wacota	0	Ben's Duchenstein	1
Wagener	0	Bethel	1
Walden Calville	0	Blenheim Orange	1
Walden Golden	0	Bottle Greening	1
Watonka	0	Britemac	1
Wealthy	0	Brunswicker	1
Westland	0	Budagovsky 233	1
Wetonka	0	Budagovsky 490	1
White Angel	0	Budagovsky 9	1
Winter Pearmain	0	Canada Reinette	1
Wodarz	0	Canada Strawberry	1
Wolf River	0	Charette	1
Yellow Sweet	0	Chenango Strawberry	1
Zimmieje Piervoskhodnoie . 259456	0	Connell Red	1
zz Cabot Pear	0	Coopers' M	1
zz David Pear	0	Dakota	1
zz Garber Pear	0	Early Cortland	1
zz Hill Pear	0	Early Cortland	1
zz Illinka	0	Ellison's Orange	1
zz Stacey	0	Enterprise	1
zz Summercrisp Pear	0	Erickson	1
zz Walden Large	0	Fall Russet	1
zz Krylov	0	False Wickson	1
		Fireside	1
		Freedom	1
		Golden Sunset	1
		Golden Sweet	1

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Gray Pearmain	1	Monmouth Beauty	1
Greenglade	1	Morden 363	1
Greensweet	1	Mother	1
Gruzhova of Moscow	1	Muscadet de Dieppe	1
Hadlock Reinette	1	Newt Grindle	1
Hawkeye	1	Niagara	1
Hazen	1	Norson	1
Heyer 12	1	northern lights	1
Honeycrisp	1	Northern Lights gold	1
Howgate Wonder	1	Northern Sweet	1
Hunt Russet	1	Northfield Beauty	1
Jefferis	1	Northland	1
Jordan Russet	1	Novamac	1
Jubilee	1	NW Greening	1
Judy	1	ny 75413	1
Kamsomolez	1	ny 75414	1
Kazakh 10	1	Oliver	1
Kazakh 16	1	Oriole	1
Kazakh 759	1	Ortley	1
Kazakh 759	1	Osman	1
Kermerrian	1	Patterson	1
Kestrel	1	Peace Garden	1
Late Strawberry	1	Pitmaston Pineapple	1
Legace	1	Prunifolia	1
Lobo	1	Pumkin Sweet	1
Longfield	1	Quinte	1
Mac Summerland Red	1	Radiant	1
Macoun	1	Red Gravenstein	1
Major	1	Red Rock	1
manitoba spy	1	Redcort	1
Mann	1	Redfield	1
Marlin Stephens	1	Redfree	1
McIntosh Imperial	1	Redhook	1
Milo Gibson	1	Regent	1
Milton	1	Reinette Gris	1
Milwaukee	1	Richelieu	1
Mn 85-21-123	1	Robusta Crab	1
Moira	1	Sandow	1
		Sansa	1
		Shafer	1
		Shamrock	1

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Cultivar	1. less than 5% 2. 5-15% 3. More than 15%. 4. severe (50%)		
Sharon	1	Bramley's Seedling	2
Shay	1	Brigg's Auburn	2
Shiawassee	1	Brown's Apple	2
Spigold	1	Bulmer's Norman	2
St. Edmund's Russet	1	Champlain	2
Stone	1	Columbia	2
Summer Pearmain	1	Court Pendu Plat	2
Sweet Bough	1	Dabinette	2
Tangowine	1	Darrell Keating	2
Tetovsky	1	Davis Purple	2
Tomkins King	1	Dayton	2
Trent	1	Dyer	2
Wedge	1	Early Mac	2
Westfield SNF	1	Early Strawberry	2
White Pippin	1	Ein Shiemer	2
Whitney	1	Ellis Bitter	2
Williams Pride	1	Fall Harvey	2
Winekist	1	Fall Pippin	2
Wynoochie Early	1	Fletcher Sweet	2
Yellow Bellflower	1	Gibson	2
Young America	1	Golden Ball	2
Zabergau Reinette	1	Goldrush	2
zz Hardy Pear	1	Goodland	2
zz Luscious Pear	1	Gravenstein	2
zz Radchinskaia Pear	1	Greensweet	2
zz Winter Nelis Seedling Pears	1	Grindstone	2
Sweet Mac	1	Heyer 2	2
Tydeman's Early	1	Hidden Strawberry	2
zz Gourmet Pear	1	Hurlbut	2
Adam's Pearmain	2	Ingrahm	2
Amur Deburthecort	2	Ingrid Marie	2
Anise Reinette	2	Irish Peach	2
Ann's	2	Jewitt Red	2
Antonovka Zeltaia	2	Karmijn de Sonneville	2
Ashton Bitter	2	Kingston Black	2
Bancroft	2	Lamb Abbey Pearmain	2
Boiken	2	Lina	2
		Lord Lambourne	2
		Lowland Raspberry	2
		Lubsk Queen	2
		Magog Redstreak	2

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Malinda	2	worcester pearmain	2
Margil	2	Yarlington Mill	2
Michelin	2	Yellow Jay	2
Norda	2	Yellow Transparent	2
Northern Spy	2	zz Golden Spice Pear	2
Orleans Reinette	2	zz Okolo	2
Patricia	2	zz Shinseiki	2
Paula Red	2	zz Southworth Pear	2
Peach	2	Altaiski Sweet	2
Peterson	2	Benton Red	2
Priscilla	2	Renet Burgamotnyj	2
Pumkin King	2	Tunianga	2
Quebec Belle	2	Wellington Bloomless	2
Rambo	2	zz Clara Fritj Pear	2
Red Blaze	2	Adanac	3
Redwell	2	Baldwin	3
Reid's Seedling	2	Burgundy	3
Reine de Pomme	2	Cortland	3
Ribston Pippin	2	Cox's Orange Pippin	3
Rouville	2	Crimson Beauty	3
Roxbury Russet	2	Early Gentican	3
Silken	2	Egremont Russet	3
Somerset Redstreak	2	Empire	3
St. Lawrence	2	Esopus Spitzenburg	3
Starkey	2	Foxwhelp	3
Stoke Red	2	Hardy Cumberland	3
Sunrise	2	Hidden Rose	3
Surprise	2	Hubbardston Nonesuch	3
Swayzie	2	Jonagold	3
Tasty	2	Kandil Sinap	3
Tolman	2	Maiden Blush	3
Twenty Ounce	2	McClellan	3
Viking	2	Medaille d'Or	3
Vista Bella	2	Opalescent	3
Washington Strawberry	2	Paw Paw Apple	3
White Winter Pearmain	2	Pink Pearl	3
Winesap	2	Salome	3
Winter Banana	2	Sherry	3
		Sinta	3
		Somerset of Maine	3
		Swaar	3

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Titus Pippin	3	Hudson's Golden Gem	4
Utter	3	Reine de Reinette	4
zz Beurre Giffard Pear	3	Washington Sweet	4
zz Clapp's Pear	3	Budagovsky 146	dead
zz Hudar Pear	3	Orenco	dead
zz Tait Dropmore Pear	3	Budagovsky 57-233	dead
Arkansas Black	3	Garden Royal	dead
Devonshire Quarendon	3	Black Gilliflower	dead
Cranberry Pippin	4	New Brunswick	dead
Early Joe	4	Fall Harvest	dead
Hawley	4	Rolfe	dead
		Stark	dead
		Winthrop Greening	dead