Study conducted at Walden Heights Nursery Orchard Walden, VT 2021

Results by brix at time of pressing

	brix
Cultivar	at pressing
antonovka 1.5	9
ottawa	9
red astrachan	9
twenty ounce	9
williams pride	9
false freedom	9.5
green peak	10
harcourt	10
newt grindle	10
peterson	10
quinte	10
slovianka	10
wild - rumpus	10
williams pride	10
garland	10.25
pound sweet	10.25
bud 490	10.5
treehouse duchess	10.5
wild - 308 -3	10.5
wild - 376	10.5
vista bella	10.75
wild yellow	10.75
arlie's redflesh	11
autumn arctic	11
beautiful arcade	11
britemac	11
bud 118	11
chenango strawberry	11
connell red	11
dolgo 299	11
early harvest	11
gopher	11
lodi	11
morden	11
morden	11
norson	11
oxbo	11
red wealthy	11
redfield	11
redfree	11
somerset of maine	11
ugly antonovka	11
wagener	11
wild - rr 1	11



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Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.

Todd Parlo conducted this study and has worked in plant science for the past thirty years. His family established Walden Heights Nursery and Orchard (WHNO) twenty-five years ago, in Walden VT (US zone 3). WHNO includes a fruit tree arboretum of more than 600 distinct apple varieties, and includes thousands of established fruit trees, bushes and vines managed under certified organic practices, sustainable agriculture, and permaculture principles. The farm has a processing component and storage facility for cider production. WHNO is also a propagation-style nursery, producing stock for farm use and sales local retail and online. Additionally, WHNO offers consulting, educational workshops, and other services. www.WaldenHeightsNursery.com

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	Τ
	brix
Cultivar	at pressing
wild by anoka	11
wodarz	11
chenango strawberry	11.25
greening	11.25
honeycrisp	11.25
anaros	11.5
creekside	11.5
hazen	11.5
hiburnal	11.5
mac summerland red	11.5
melba	11.5
noran	11.5
priscilla	11.5
red baron	11.5
redhook	11.5
severny sinap	11.5
wealthy	11.5
wild - 19	11.5
wild - 20015	11.5
36-305	11.75
amsib	11.75
antonovka 37	11.75
jubilee	11.75
morden 363	11.75
radiant crab	11.75
walden greening	11.75
almata	12
antonovka 88	12
antonovka michurin	12
arlie's redflesh	12
atlas	12
audrey transparent	12
benoni	12
big red duchess	12
burgundy	12
davey	12
dayton	12
dudley winter	12
kitchell yellow	12
lobo	12
mac imperial	12
mcintosh	12
minnehaha	12
morden 359	12
	1 12

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Cultivar at pressing norland 1 novamac 1 oriole 1 prairie spy 1 redfree 1 rouville 1 sakhi 1 sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 - 9 1 wild - 440 1 wild - bg 1
norland
novamac 1 oriole 1 prairie spy 1 redfree 1 rouville 1 sakhi 1 sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
oriole 1 prairie spy 1 redfree 1 rouville 1 sakhi 1 sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
prairie spy 1 redfree 1 rouville 1 sakhi 1 sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
redfree 1 rouville 1 sakhi 1 sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
rouville 1 sakhi 1 sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
sakhi 1 sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
sweet 16 1 wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
wedge 1 white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
white pippin 1 wild - 20011 1 wild - 308 -9 1 wild - 440 1
wild - 20011 1 wild - 308 -9 1 wild - 440 1
wild - 308 -9 1 wild - 440 1
wild - 440 1
wild - bg
alexander 12.2
antonovka 40 12.2
crab 128 12.2
haralred 12.2
russet - 952 12.2
shay 12.2
walden calville 12.2
wild - 308 -4 12.2
wild - 77 12.2
antonovka 48 12.
bleeding antonovka 12.
collet 12.
crab -507 12.
crabapple 12.
croncels 12.
ellison's 12.
empire 12.
equinox 12.
fantazja 12.
frostbite 12.
goldrush 12.
hiburnal 12.
hyslop 12.
lowland raspberry 12.
macfree 12.
magog redstreak 12.
malinda 12.
niagara 12.
Niedzwetzkyana 12.
norda 12.

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	1
	brix
Cultivar	at pressing
purple mac	12.5
scott winter	12.5
wild - 308 -6	12.5
wild - rr 2	12.5
wild - rr 8	12.5
blue pearmain	12.75
dakota	12.75
kazakh 739	12.75
marlin stephens	12.75
redhook	12.75
shiawassee	12.75
wild - 308 -10	12.75
wild - 497	12.75
75414	13
75414	13
antonovka 126	13
antonovka 925	13
black oxford	13
blue pearmain	13
columbia crab	13
columbia crab	13
crab- 950	13
cranberry	13
erwin bauer	13
false yarlington	13
fireside	13
gingergold	13
hawaii	13
howgate wonder	13
hubbardston nonesuch	13
island winter	13
leo	13
liberty	13
mantet	13
martha	13
milwaukee	13
muscadet de dieppe	13
northwest greening	13
nova easygro	13
opalescent	13
ozark gold	13
pixie crunch	13
red burke	13
severny sinap	13

Study conducted at Walden Heights Nursery Orchard Walden, VT 2021

brix Cultivar stone stowe crab summerred sunrise walden golden westfield snf white pippin wild wild - 308 -7 wild - 473 wild - apple house	g 13 13 13 13 13 13 13 13
stone stowe crab summerred sunrise walden golden westfield snf white pippin wild wild - 308 -7 wild - 473 wild - apple house	13 13 13 13 13 13 13
stowe crab summerred sunrise walden golden westfield snf white pippin wild wild - 308 -7 wild - 473 wild - apple house	13 13 13 13 13 13
summerred sunrise walden golden westfield snf white pippin wild wild - 308 -7 wild - 473 wild - apple house	13 13 13 13 13
sunrise walden golden westfield snf white pippin wild wild - 308 -7 wild - 473 wild - apple house	13 13 13 13 13
walden golden westfield snf white pippin wild wild - 308 -7 wild - 473 wild - apple house	13 13 13 13
westfield snf white pippin wild wild - 308 -7 wild - 473 wild - apple house	13 13 13
white pippin wild wild - 308 -7 wild - 473 wild - apple house	13 13
wild - 308 -7 wild - 473 wild - apple house	13
wild - 308 -7 wild - 473 wild - apple house	
wild - 473 wild - apple house	т2
wild - apple house	13
	13
	13
wild - rr4 wild -438	13
wild -583	13
winter banana	13
wolf river	13
yarlington mill	13
	.25
	.25
	.25
	.25
	.25
	.25
	.25
	.25
	.25
	3.5
<u> </u>	3.5
gruzhova of moscow 13	3.5
irish peach 13	3.5
no peace 13	3.5
redflesh selkirk 13	3.5
redrock 13	3.5
renet bergamotnyj 13	3.5
spartan 13	3.5
swayzie 13	3.5
sweetcrab 13	3.5
wild - 472	3.5
wild - rr yellow 13	3.5
	3.5
	.75
	.75
	.75
crab 199B 13.	

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antonovka 114 antonovka 81 bedford bethel 14 carroll chestnut crab citrus 932 citrus 932 cortland crab - 542 dakota fameuse freedom 14 hardy cumberland jubilee 14 kazakh 761 keepsake 14 lord lambourne 14 macoun 14 magog redstreak parkland 14 pomme gris 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 - 2 wild - 128 anisim 14.5 pomme gris 14.5 pomme gris 14.5 rogers red wild - 79 ashmead's kernal 15 bedford 11 14 14 14 14 14 14 14 14 14 14 14 14		
anoka 14 antonovka 114 14 antonovka 81 14 bedford 14 bethel 14 carroll 14 chestnut crab 14 citrus 932 14 citrus 932 14 cortland 14 crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.5 pomme gris 14.5 pomme gris 14.5 sahmead's kernal 15 bedford 15		brix
antonovka 114 antonovka 81 bedford bethel 14 carroll chestnut crab citrus 932 citrus 932 cortland crab - 542 dakota fameuse freedom 14 hardy cumberland jubilee 14 kazakh 761 keepsake 14 lord lambourne 14 macoun 14 magog redstreak parkland 14 pomme gris 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 - 2 wild - 128 anisim 14.5 pomme gris 14.5 pomme gris 14.5 rogers red wild - 79 ashmead's kernal 15 bedford 11 14 14 14 14 14 14 14 14 14 14 14 14		at pressing
antonovka 81 bedford bethel carroll chestnut crab citrus 932 citrus 932 cortland crab - 542 dakota fameuse freedom freedom freedom freedom freedom freedom flakazakh 761 keepsake lord lambourne flamacoun fla		14
bedford 14 bethel 14 carroll 14 chestnut crab 14 citrus 932 14 cortland 14 crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim	antonovka 114	14
bethel 14 carroll 14 chestnut crab 14 citrus 932 14 citrus 932 14 cortland 14 crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 macoun 14 macoun 14 magog redstreak 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128		14
carroll 14 chestnut crab 14 citrus 932 14 citrus 932 14 cortland 14 crab - 542 14 dakota 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim 14.5 rogers red 14.5 wild	bedford	14
chestnut crab 14 citrus 932 14 citrus 932 14 cortland 14 crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 wild - 128 14.25 nisim 14.5 pomme gris 14.5 rog	bethel	14
citrus 932 14 citrus 932 14 cortland 14 crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 wild - 128 14.25 nisim 14.5 pomme gris 14.5 wild -	carroll	14
citrus 932 14 cortland 14 crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 wild - 128 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 wild - 308 - 5 14.5 <	chestnut crab	14
cortland 14 crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 79 14.5 wild - 79 14.5 ashmead's kernal 15	citrus 932	14
crab - 542 14 dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 -2 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	citrus 932	14
dakota 14 fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15		14
fameuse 14 freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 -2 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim 14.5 rogers red 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	crab - 542	14
freedom 14 hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	dakota	14
hardy cumberland 14 jubilee 14 kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	fameuse	14
jubilee	freedom	14
kazakh 761 14 keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 - 2 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	hardy cumberland	14
keepsake 14 lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	jubilee	14
lord lambourne 14 macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	kazakh 761	14
macoun 14 magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	keepsake	14
magog redstreak 14 parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	lord lambourne	14
parkland 14 pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	macoun	14
pomme gris 14 ranetka crab 14 russet 262 14 safstaholm 14 smokehouse 14 wild - 172 14 wild - 308 -2 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	magog redstreak	14
ranetka crab russet 262 safstaholm smokehouse snowsweet wild - 172 wild - 308 -2 wild - 308 -8 wolf river hewes crab spencer vild - rr10 vild - 128 anisim pomme gris rogers red wild - 308 -5 wild - 79 ashmead's kernal safstaholm 14 type safstaholm 15 type safstaholm 14 type safstaholm 15 type safstaholm 15 type safstaholm 15 type safstaholm 16 type safstaholm 17 type safstaholm 18 type safstaholm 19 type safs	parkland	14
russet 262 14 safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	pomme gris	14
safstaholm 14 smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 - 2 14 wild - 308 - 8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	ranetka crab	14
smokehouse 14 snowsweet 14 wild - 172 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	russet 262	14
snowsweet 14 wild - 172 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	safstaholm	14
wild - 172 14 wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild - 128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	smokehouse	14
wild - 308 -2 14 wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	snowsweet	14
wild - 308 -8 14 wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	wild - 172	14
wolf river 14 hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	wild - 308 -2	14
hewes crab 14.25 spencer 14.25 wild - rr10 14.25 wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	wild - 308 -8	14
spencer 14.25 wild - rr10 14.25 wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	wolf river	14
wild - rr10 14.25 wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	hewes crab	14.25
wild -128 14.25 anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	spencer	14.25
anisim 14.5 pomme gris 14.5 rogers red 14.5 wild - 308 - 5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	wild - rr10	14.25
pomme gris 14.5 rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	wild -128	14.25
rogers red 14.5 wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	anisim	14.5
wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15	pomme gris	14.5
wild - 308 -5 14.5 wild - 79 14.5 ashmead's kernal 15 bedford 15		14.5
ashmead's kernal 15 bedford 15		14.5
bedford 15	wild - 79	14.5
	ashmead's kernal	15
crab - backyard redflesh 15	bedford	15
	crab - backyard redflesh	15

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Cultivar	brix
	at pressing
elstar	15
golden lights	15
golden russet	15
honeygold	15
kazakh 746	15
parkland	15
wild - 766	15
yellow prunifolia	15
karmijn de sonneville	15.25
cox's orange pippin	15.5
crab - 9442	15.5
ranetka 9777	15.5
red prunifolia	15.75
almey crab	16
beautiful arcade	16
breaky	16
crab - gbr-21	16
crab - so-3	16
cranberry	16
greensleeves	16
whitney	16
american beauty	16.25
ribston pippin	16.25
crab - so-2	16.5
crab 341b	16.5
ashmead (3 sisters topgraf	17
crab - 835	17
crab -341	17
island gold	17
white selkirk	17
75413	17.5
crab - 911 yellow	17.5
white angel	17.5
crab soc-12	17.75
reine de pomme	18
centennial	19
crab - bc101	19
crab - so-1	19
kerr seedling	19
redflesh dolgo	19
hewesmata crab	20
two trunk bittercrab	20
ashmead's kernal	20.5