

Evaluation of Apple Cultivars for Hard Cider Production in the Northeast

Study conducted at Walden Heights Nursery Orchard Walden, VT 2021

Results by brix at time of pressing

Cultivar	brix 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



This material is based upon work supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, through the Northeast Sustainable Agriculture Research and Education program under subaward number FNE20-960.

The Project Leader would like to express gratitude to study Technical Advisor, Terence Bradshaw (Research As.Professor, Dept of Plant & Soil Science, UVM) and the students at the University of Vermont Food Lab.

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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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

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Cultivar	brix at pressing
norland	12
novamac	12
oriole	12
prairie spy	12
redfree	12
rouville	12
sakhi	12
sweet 16	12
wedge	12
white pippin	12
wild - 20011	12
wild - 308 -9	12
wild - 440	12
wild - bg	12
alexander	12.25
antonovka 40	12.25
crab 128	12.25
haralred	12.25
russet - 952	12.25
shay	12.25
walden calville	12.25
wild - 308 -4	12.25
wild - 77	12.25
antonovka 48	12.5
bleeding antonovka	12.5
collet	12.5
crab -507	12.5
crabapple	12.5
croncels	12.5
ellison's	12.5
empire	12.5
equinox	12.5
fantazja	12.5
frostbite	12.5
goldrush	12.5
hiburnal	12.5
hyslop	12.5
lowland raspberry	12.5
macfree	12.5
magog redstreak	12.5
malinda	12.5
niagara	12.5
Niedzwetzkyana	12.5
norda	12.5

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Cultivar	brix 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
shiawasse	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

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Cultivar	brix at pressing
stone	13
stowe crab	13
summerred	13
sunrise	13
walden golden	13
westfield snf	13
white pippin	13
wild	13
wild - 308 -7	13
wild - 473	13
wild - apple house	13
wild - rr4	13
wild -438	13
wild -583	13
winter banana	13
wolf river	13
yarlington mill	13
74818	13.25
75414	13.25
boiken	13.25
crab - 821	13.25
haralson	13.25
regent	13.25
scott winter	13.25
wild - 308 -1	13.25
wodarz	13.25
cinnamin	13.5
gala	13.5
gruzhova of moscow	13.5
irish peach	13.5
no peace	13.5
redflesh selkirk	13.5
redrock	13.5
renet bergamotnyj	13.5
spartan	13.5
swayzie	13.5
sweetcrab	13.5
wild - 472	13.5
wild - rr yellow	13.5
wild apple	13.5
antonovka 109	13.75
antonovka 54	13.75
antonovka autumn	13.75
crab 199B	13.75

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Cultivar	brix at pressing
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 - 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
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