75413	Disease resistant and easy to grow. Sutre line my turn off some buyers. Highly recommended.
	Disease resistant and somewhat easy to grow (some brownrot). For local heirloom market. Odd taste
Alexander	may not appeal to all. Somewhat sporadic crop.
	Red flesh variety attracts attention. Too acid for fresh market. Marketable to niche markets and cider
Almata	makers generally. Dependable and good cropper.
Anoka	Very early production (precocious). Unique pleasant flavor. Does not keep. Productive.
	Like most Antonovkas it keeps well, excellent culinary use, and disease resistant. A bit tart for fresh
Antonovka 48	market, but quite good.
A ala us a a alla 1/ a us a l	Recommended with caution. A very popular and very tasty variety. It has shown itself to be a poor and
Ashmead's Kernel	sporadic cropper here. Fairly free of disease.  An attractive heirloom. Good fresh sales potential, and good cropping. Limited keeping ability (weeks not
Autumn Arctic	months).
Autumn Arctic	Saleable to a distinct market. The anise flavor that comes through with proper ripening is loved by many,
Beacon	detested by some. Tough skin. Moderate scab resistance
Dedeon	detested by some rough same moderate sous resistance
Bedford	Cute and tasty. It would be a good candidate for fresh market, but its small size may limit appeal.
	Heirloom keepers like this are becoming more in demand with homesteader market. Keeps and cooks
Bethel	well, fair fresh eating.
Black Oxford	Hardy, but in zone 3 does not fully ripen every year. High quality for all purposes. Heirloom, attractive.
Breaky	High quality fresh eating, precocious and productive, compact tree. Scab prone. Does not keep.
	Similar to McIntosh but far crispier here. A bit less scab susceptible than Mac or Cortland. Decent
Britemac	cropper.
Duda saudu 110	
Budagovsky 118	This rootstock variety may have use in the cider market for its acid content and color contributions.
Budagovsky 9	Although another candidate for cider fruit, it has not proved to thrive in zone 3.
Dal	Cash are as look as a constitue to the cash and the law a circline with days in ideal to be one and and
Burgundy	Scab prone, but an excellent fresh eating apple. Its long picking window is ideal to home orchards.  Very good fresh eating and disease resistant. Difficult for some market sales due to its small size. Good
Centennial	cider addition.
Centennai	First rate fresh eating. Sweet, nutty and complex. Market shortcoming is its size which rarely reaches
Chestnut Crab	beyond 2 inches. Scab resistant.
Collet	Good fresh eating candidate for very cold regions. Stores decently.
Collet	dood fresh eating candidate for very cold regions. Stores decently.
Connell Red	Very good fresh eating. Excellent keeper, improving in storage. Scab susceptibity is moderate.
	Very popular heirloom across the world. An easy sell. It has proven hardier and easier to grow in Walden
	than literature mentions, but only moderately productive. Outstanding flavor. Has tended to bloom well,
Cox's Orange Pippin	but crop lightly.
- 211 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Tart but tasty dolgo sized crabs. Salable to a unique market only. Great jelly, canning and cider crab.
Cranberry	Beautiful tree with purple blooms.
,	Scab immune. Excellent fresh eating. Keeps fair only. Moderately productive. Can be quite large and
Dayton	attractive.
	Very popular for a crab (1 1/2 inches or less). Sell well in the right market for jelly and canning. Very good
Dolgo	cider addition due to good brix level and acidity. Late summer
Duchess	Popular heirloom for piemaking. Does not keep. Nearly scab immune. Sells well in New England. Summer
Dudlov Winter	Cood all numbers and flavorful apple. Moderately each resistant Heideans. Cood sining
Dudley Winter	Good all purpose and flavorful apple. Moderately scab resistant. Heirloom. Good sizing.
Farly Cortland	Early Cortland type. Scab susceptible. Good fresh eating and relatively precocious. Limited organic use unless a good fungal management plan is in place.
Early Cortland	
Equinox	First rate fresh eating and culinary apple. Very attractive fruit. Keeps fair. Fall
Envin Paular	Large, very high flavored and good cropping Cox type. Should be better known. Moderate scab resistance
Erwin Bauer	but not immune. Fall.

False Yarlington	Similar in appearance and quality to Yarlington Mill, but hardier, more fully flavored and slightly less tannic. Dry. Scab free. Highly recommended for ciders.
Taise Tailington	A popular heirloom. Better flavored but similar to McIntosh, its likely offspring. Scab susceptible.
Famousa	
Fameuse	Aromatic. Tends to be smaller than most commercial apples. Fall
Fireside	Very good fresh eating. Excellent keeper, improving in storage. Scab susceptibity is moderate.
TH COIGC	Scab immune. Good fresh eating. Good candidate for commercial sales. Appears very prone to various
Freedom	canker diseases.
Garland	Fair fruit quality. Tends to be biennial, but quite productive. Some mild watercore.
Gariana	A very popular heirloom with good commercial possibilities. Excellent cider addition. Scab resistant but
Golden Russet	not immune. High brix. Keeps
Goodland	A fine fresh eating apple. Susceptible to scab, limiting its merit in an organic program. Poor keeper.  Popular heirloom for all purposes. Keeps fair at best. Scab susceptible. Recommended with a good fungal
Gravenstein	management plan, because of its very high quality flavor.
Gravenstelli	Good cold hardy apple for Granny Smith market. Somewhat small, but full flavored for all purposes. Gets
Greensleeves	greasy in common storage.
Haralred	A redder version of Haralson. Excellent all purpose. Excellent keeper. Scab prone. Precocious.
Haralson	Excellent all purpose apple and excellent keeper. Scab prone. Precocious.
Hazen	Precocious. All purpose early fall apple. Mild scab susceptibility. Nice cidery flavor.
	Precocious. It is of merit for very cold areas with short season. Good fresh eating summer apple. Poor
Heyer 12	keeper. Scab susceptible.
	tm name to Arlie's Redflesh. Redflesh variety. Excellent fresh eating, developing watermelon undertones
Hidden Rose	in storage. Some susceptibility to scab. Keeps
	Great commercial possibilities due to popularity. Some scab resistance. Keeps well. Very crispy and
Honeycrisp	sweet. Poor cooking and cider.
Honeygold	Very good fresh eating, similar to Golden Delicious. Quite scab susceptible. Keeps reasonably well.
Howgate Wonder	Commercially viable due to its often enormous size.
Hyslop Crab	Marketable as a cider and jelly fruit. Precocious. Some susceptibility to scab.
	Heirloom market. Excellent if eaten promptly. Greasy in storage, does not keep. Some scab. Great home
Irish Peach	tree, but of limited commercial potential due to lack of keeping and bruising potential
Island Winter	Complex and flavorful winter apple. Keeps and stands up to handling. Dense flesh. Some scab resistance.
Kazakh 739	For cider or culinary use only. Does not keep. Scab susceptible.
Kazakh 761 (k-17)	Scab resistant. Potential as a bittersharp cider addition. Not for fresh eating.
Razakii 701 (K-17)	Excellent fresh eating. Very crispy sweet/tart apple. Moderately scab susceptible. Keeps very well. Often
Keepsake	mishapen, which may limit sales.
Recpounc	Scab resistant and very productive. Tart midsummer cooking apple, but fair fresh eating. Keeps well for
Leo	an early apple. Small unless thinned.
1.25	Scab immune. Very good fresh eating, but care should be exercised regarding proper harvest time. Good
Liberty	in ciders. Needs thinning. Great commercial candidate for organic orchards.
Laha	McIntosh type. Scab susceptible. Great fresh eating, decent for cider. Well liked by the market, but work
Lobo	to keep free of fungal disease.
	Generally easy to grow and precocious. Moderately scab susceptible. Picked early it is good for local market, fresh and culinary. It will not keep however. Its merit for sales is that it is very early, when few
Lodi	other local apples are available.
Lodi	Precocious and tasty English heirloom. Mild scab resistance. Marketable to enthusiasts, but high enough
Lord Lambourne	quality to be more. Under trial in zone 3
LOIU LAIIIDOUITIE	Very easy to grow, scab immune. If picked too early it is tough. Keeps fairly well and improves in storage.
Macfree	Good organic market potential. McIntosh-like.
	Very crispy dessert apple. Can be outstanding in local market, but taste and condition deteriorates during
Macoun	storage or shipping. Scab susceptible.
	are and an amphilip, and appropriate.

Malinda	Can be very good fresh eating. It has proved not to be very productive or large here in zone 3. Somewhat
Malinda	scab susceptible. Often attractive.  Unrivaled complex flavor, especially for an early apple. Will keep a few weeks, but not longer. Scab
Mantet	susceptible. Long picking window. Good early cider. Bruises
	Precocious and very large fresh eating apple. Scab susceptible. Potential for local sales, as it will not keep
Marlin Stephens	long. Size and flavor are good selling points.
	Still very popular, so it has some marketing possibilities. Its scab susceptibility makes it difficult to get
McIntosh	good yields under organic management. Drop prone.
141611160311	Excellent summer apple, more sweet than tart. Scab susceptible and does not keep, but popular for its
Melba	high flavor in its season. Will not ship.
Milwaukee	All purpose apple. Can be quite large and flavorful, even after storage. Keeping and fresh eating is fair.
	Great in cider. Moderately scab resistant, but not immune. Heirloom.
	Average quality general purpose apple. Browns readily. Heirloom market. Slightly biennial without early
Minnehaha	thinning.
Morden 359	Large well balanced apple. Moderate scab resistance. Very hardy. Mildly tannic.
	Large, juicy and deeply colored. Very good fresh eating. Slightly tannic. Scab susceptible, but less so than
Niagara	most mac-types. Good cider.
Noran	Average quality all purpose apple. Recommended for the coldest areas for its hardiness.
Norda	Good fresh eating candidate for very cold regions. Stores well.
Norda	Precocious. First rate fresh eating apple. Best, and stores better if picked before fully red. Scab
Norland	susceptible. Naturally smaller tree. Good yields and very hardy.
Norson	Good fresh eating and stores well. Moderate scab resistance, not immune. Very cold hardy.
	Scab immune, deep red and consistent. Good organic sales potential. Must be allowed to fully ripen for
Nova Easygro	best flavor and texture. Excellent keeper.
	Good quality McIntosh-like fresh eating apple. Somewhat scab susceptible, but not as bad as mac.
Novamac	Organic potential depends on scab management success.
NW Greening	Good late season all purpose apple. Somewhat scab resistant, but not immune. Firm. Keeps well.
	Excellent early fresh eating apple. Juicy and quite large and attractive. Scab susceptible. Short stem and
Oriole	pairing can make it a bit hard to pick. Very marketable if scab can be managed.
	Good summer apple for fresh eating. Crispy and juicy. Can be small unless thinned. Precocious, small
Davidanad	tree. Scab susceptible. Keeps a few weeks in cold store, but bruises easily. Recommended for local sales
Parkland	only.
Patterson	Precocious and productive. Thin to increase size. Resistant but not immune to scab. Short storage and easy bruising limits it to local sales only. Of merit for very cold areas.
ratterson	Well known fresh eating apple of good quality. Scab susceptible. Does not keep. Questionable
Paula Red	marketability for organic growers.
	Late season all purpose apple. Keeps and hangs well. Crisp and fine grained. Some resistance to scab, but
Peace Garden	not immune.
	Highly marketable due to its red flesh. Tree and fruit are attractive. Very good flavor for all purposes.
Pink Pearl	Scab susceptible. Tree is somewhat weak in our zone 3, so consider it for trial only in colder regions.
FIIIK FEAIT	Scab susceptible. Thee is somewhat weak in our zone 3, so consider it for that only in colder regions.
	Excellent fresh eating apple. Sweet/tart and nutty. Attractive russet. Fruit is small. Hardy and healthy in
Pomme Gris	zone 3. Scab resistant. Highly recommended for marketing under organic management.
	Large green apples for cooking. Heirloom. A bit too mild for the best pies. Fresh eating for mild palates.
Pound Sweet	A traditional for baked apples. Still popular in New England. Somewhat scab susceptible.
	All purpose fall apple. Can be excellent, but care must be taken in choosing harvest time. Stores well in
	higher humidity, but develops odd flavor (good for cooking, poor fresh eating after a couple of months).
Prairie Spy	Mild scab resistance.
Ovinto	Cool control cools coting but do a set the second Cook are a 19 years at the second court of the second co
Quinte	Good early season fresh eating, but does not store well. Scab susceptibility limits organic potential.

	Heirloom. Large and tasty all purpose apple. Scab susceptible. The movie action hero was actually named
Rambo	after this apple, not vice versa. This fact may help market the apple to fans. Esteemed for pies.
Rambo	Extremely hardy 1 inch crabs are a good cider addition. Too small for other purposes, except jellies. Good
Ranetka Crab	pollinizer as well. Moderate scab resistance but not immune.
	Excellent fresh eating apple. Crisp and well balanced. Similar to honeycrisp except slightly less crispy, but
Red Baron	with more interesting flavor. Productive. Somewhat scab susceptible, but manageable.
	Good all purpose Vermont apple. Regionally known only (developed by the late apple afficionado Ken
	Parr), so of limited marketability. A good cold hardy apple nonetheless. Somewhat susceptible to scab.
Red Burke	Skin bleeds into flesh. Drops readily.
	Late season all purpose apple deep purple apple. Extremely hard at harvest. Keeps all winter, and
	resistant to bruising. Unknown outside Vermont, so limited commercial prospects. Scab resistant but not
Red Rock	immune. Very cold hardy.
	Red sport of the heirloom, Wealthy. Very good fresh eating and general purpose apple. Some similarity
	to McIntosh but tarter and more berry-like at maturity. Keeps fair. Well known. Moderate resistance, but
Red Wealthy	not immune to scab.
	Very good fresh eating apple. Stores well. Hangs well on tree. Scab susceptible. If scab can be controlled
Pagant	this is a good candidate for extended season (offseason) sales due to quality after after storage.
Regent	Marketable to the cider market. Inedible for other purposes. French heirloom. Highly esteemed for
Reine de Pomme	fermenting. Highly tannic.
	Vermont local apple. Scab resistant. Huge yellow-green dense sweet/tart all purpose apples. Unreliable
Dumnuc	cropper. Homestead selection only as a recommendation.
Rumpus	Fresh eating apple for early season. Quite juicy and aromatic. Mild scab resistance. Recommended for
Safstaholm	cold regions.
Saistailoilli	Extremely hardy. One inch crabs. Good as a cider addition (bittersharp). Good pollinizer. Few other uses.
	Mild scab resistance, but not immune. Attractive tree. Most selections are redfleshed, purple blooming
Selkirk	specimens.
	More crab than apple. Good for culinary use and cider in cold areas. Too small for small for commercial
Shafer	viability as a dessert apple, although of good quality. Mild scab susceptibility.
Silaici	Good quality aromatic fresh eating apple. Scab susceptibility makes it suspect for organic commercial
Shiawassee	use. Slight mac flavor.
Jillawassee	Pleasant sweet/tart all purpose apple. Does not keep well. Gets greasy in storage. Can be small if not
Slovianka	thinned. Some scab resistance, but not immune. Good yields. Keeps fair.
Siovialika	First rate fresh eating. Somewhat scab resistant. Reliable crops. Recommended for organic sales due to
Smokehouse	its ease of management and good flavor. Heirloom.
Smokenouse	Very good crispy fresh eating and pie apple. Tardy to bear. Moderately susceptible to scab, but
Spencer	manageable. Keeps fair.
Spericer	Excellent fresh eating. Small attractive apple with russet patches. Rich, nutty and complex for an early
	apple. Slow growing tree, but precocious. Scab resistant. Good candidate for organic management and
Summer Pearmain	heirloom sales.
	A first rate summer apple for its taste and crispiness. Far better in the cold regions where it is crispier
	and lasts longer. Its high susceptibility to scab makes it a poor candidate for organic potential, unless a
Summer Red	strict spray regime is followed.
	Excellent fresh eating apple often has undertones of grape and berry if ripened properly. Scab
Sunrise	susceptible. May be worth managing for scab due to its impressive flavor.
	Fresh eating and cooking apple with often pronounced sweet cherry flavor. Scab resistant, but can
	develop bitterpit without calcium sprays. Good selection for organic management. Tardy to bear. Strong
Sweet Sixteen	vertical tree growth needs shaping.
	Very good all purpose apple. Somewhat scab resistant. Good crops. Attractive, consitsently sized fruit.
Trent	Recommended.
	Good flavored deep red summer apple. Crispier and a bit better at storage than other summer varieties.
Vista Bella	Scab susceptibility limits its use in organic management.

	Interesting blocky shape. Very good flavor and all purpose. Keeps well. Somewhat resistant to scab but
	not immune. Hangs well. Precocious and good cropping. Late cropping could mean losses in zone 3 some
Wagener	years.
	Fine flavored, with unique ribbed shape similar to Calville Blanc d'Hiver. Moderate scab susceptibility.
	Large fruit. Does not keep. Midseason. Recommended for home use and local markets only. Light to
Walden Calville	moderate cropping.
	Large golden russet type fruit. Somewhat scab resistant. First rate flavor, and good cropping. Keeps fair.
Walden Golden	Canker susceptible.
	High quality all numbers haideens and a Decistant but not insurance to each Clight similarity to Malatach
Maalthu	High quality all purpose heirloom apple. Resistant but not immune to scab. Slight similarity to McIntosh
Wealthy	in structure but tarter and more interesting flavors. Very cold hardy. Keeps fair.
	Extremely large apple, sometimes 4". Very good flavor. All purpose. Somewhat scab resistant, but prone
Wedge	to watercore. Good candidate for marketing based on its size alone.
Wedge	
	Heirloom of distinction in New England. Good flavor and all purpose. Somewhat scab susceptible, but
Westfield SNF	manageable. Recommended for areas with interest in heirloom varieties.
	Good all purpose apple for colder regions. Does not keep. Scab susceptible. Due to average quality and
Westland	scab susceptibility, it is recommended only for very cold areas where other varieties will not do.
	A former staple apple of warmer regions. This heirloom is still popular. Keeps well. A surprise to be doing
	well this far north, but cropping has been light to date. Light scab. High brix readings make it suitable for
Winesap	ciders.
	This beintown is widely to some for the size. Decomposed of the control of the co
	This heirloom is widely known for its size. Recommended for organic growing due to its scab resistance.
Malf Diver	Hardy and strong tree. Good drying apple, fair for cooking. Its downside is its uneventful flavor. Good
Wolf River	when eaten soon after picking, but must be marketed quickly.  Probably the most dependable and easy to grow cider apple for the north. Generally free of scab, but not
	immune. Great cropper. Light to moderate tannins. Good addition to sweet ciders as well. Not for fresh
Yarlington mill	market.
Tarinigton min	market.
	Like its offspring, Lodi, its greatest merit is its earliness. Can be a very good fresh eating tart apple and
	for early pies, but needs to be picked green. Scab susceptible, but often only mildly attacked. Does not
Yellow Transparent	keep. Local sales only if they can be made promptly, otherwise not commercially viable.
	Extremely tannic and sour. A great addition to ciders, and to challenge friends in manliness. Can crack in
	some years. Does not keep, and like most pears, should be pressed before flesh collapses. Very attractive
David Pear	tree in bloom and form. Recommended for cider blending in cold areas. Very hardy tree.
	One of the few asian pears to survive in our zone 3 climate. Slight astringency adds to a fine sweet/tart
Okolo Pear	flavor. Crunchy. Keeps fair. Worth trial in colder regions. Appears free of disease.
c.	Among the best fresh eating pears. Best if ripened off the tree. Appears disease resistant. Blister mite
Stacey	susceptible. Recommended. Does not keep long.
	Rare in its ability to be eaten straight from the tree without afterripening. Pleasant sweet flavor, but
Cuma ma a manistra Deserv	quite mild. Ripens late summer. Resistant but not immune to fireblight. Well shaped tree.
Summercrisp Pear	Recommended. Does not keep long.  Local variety. Quite large, can be over 4" calyx to stem. Must be ripened after picking. Susceptible to
	blister mite. Like most pears, vertical growth makes management tricky. Recommended for organic
Walden Large	growing. Good keeper.
Walden Large	Brownig. Jood recher.
	Beautiful and tasty pear. Fully russeted. Shy bearing when young. Very vertical tree is difficult to shape
Hardy	for proper management and cropping, but naturally beautiful form. Recommended for organic growing.
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	Good quality pear, should be afterripened. Better shaped tree than most pears. Not a good pollenizer for
Luscious	Good quality pear, should be afterripened. Better shaped tree than most pears. Not a good pollenizer for other pears. Appears disease resistant, and is resistant to fireblight but not immune.
Luscious	