



Colorado Heritage Apple Trials Initiative

Funded by a USDA Specialty Crop Block grant through the
Colorado Department of Agriculture / FY17



SW Orchard District

1937 aerial photo

Colorado is Old Orchard Country

**Madison Orchard, 300 acres, Westminster, CO 1908
NE Orchard District**

Madison Orchard, 300 Acres (Planted Twelve Years Ago), Westminster, Colo. Eight Miles from Denver. Owned by Charles B. Kountze, Denver, Colo.

Colorado Heritage Apple Trials Initiative: Activity A

- Propagate heritage, cider, and Colorado seedling apple trees to increase availability of these rare apples and scion.





**Purple Mountain Majesty
MORP Introduction**



**unknown winter apple
historic grafted cultivar**



**Colorado Sunrise
MORP Introduction**



**Dabinett
cider specific**

**Photo courtesy
Fedco Trees**

Colorado Heritage Apple Trials Initiative: Activity B

- Establish orchard trials to increase knowledge of these rare varieties.



Trial Site #1



Trial Site #2

- Top: Western Colorado Research Center at Rogers Mesa
- Left: Southwestern Colorado Research Center at Yellow Jacket

Old Fort Heritage Orchard

Activity B



- Wealthy
- Virginia Crab
- Fameuse/Snow
- Hibernial
- MacIntosh
- Transcendent Crab
- Northwest Greening
- poss Tetofsky

Trial Site #3



DNA Results

unknown bold salmon group

unknown bold cyan group

unknown bold blue group

unknown carnation group

unknown blue blush group

“unique unknowns”



Activity B

Historic Gold Medal Orchard

Go to Sustain-a-Tree at Plants Map
for tree descriptions at
Gold Medal Orchard

Trial Site #5



Trial Site #4






Dolores Community Heritage Orchard



Colorado Heritage Apple Trials Initiative: Activity C

- Develop a coordinated and sharable database to boost production of and marketing information for these rare varieties.

Fruits					
View As:   					
Preview					
OF FRUITS					
SW Orchard District					
NE Orchard District					
SE Orchard District					
Western Orchard					
Variety as listed per CO records	Rarity				Fruit Type
Anis	<input type="radio"/> common	<input type="radio"/> rare	<input checked="" type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Anisovka	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Anisim	<input type="radio"/> common	<input type="radio"/> rare	<input checked="" type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Antonovka	<input type="radio"/> common	<input type="radio"/> rare	<input checked="" type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Aport Orient	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Arabka	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Arcad	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Arnold Russett	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
August Sweet	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Autumn Strawberry	<input type="radio"/> common	<input type="radio"/> rare	<input checked="" type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Babuschins	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Bailey's Sweet, Bailey Sweet, Baily Sweet	<input type="radio"/> common	<input checked="" type="radio"/> rare	<input type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Barkoff	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Barloff	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Biel	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Blessed Calville	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Bogdanoff	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Borsdorf, Borsdorfer	<input type="radio"/> common	<input type="radio"/> rare	<input checked="" type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Breskovka	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Broadwell Sweet	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
Buckingham	<input type="radio"/> common	<input checked="" type="radio"/> rare	<input type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Canada Black	<input type="radio"/> common	<input type="radio"/> rare	<input type="radio"/> endangered	<input checked="" type="radio"/> lost/wanted	apple
California Red	<input type="radio"/> common	<input checked="" type="radio"/> rare	<input type="radio"/> endangered	<input type="radio"/> lost/wanted	apple
Browse					



Colorado Heritage Apple Trials Initiative: Activity D

- Connect fruit producers to Southwest Farm Fresh Cooperative and other markets.



Colorado Heritage Apple Trials Initiative: Activity E

- Increase skills and ability of youths and adults to graft and produce apple trees through classes, workshops, and heritage school orchards.



Heritage School Orchards

Activity E





Crimson Beauty

Montezuma Orchard Restoration Project (MORP)

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Research Orchards

