

2020 TRI-STATE SPECIALTY POTATO VARIETY TRIAL REPORT

State Experiment Stations and USDA-ARS Cooperating



Aberdeen, Idaho

Parma, Idaho

Othello, Washington

Klamath Falls, Oregon

2020 TRI-STATE SPECIALTY POTATO VARIETY TRIAL REPORT

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Compiled by: Oksana Morgan

TABLE 1: 2020 Tri-State Specialty Potato Variety Trial - LOCATIONS, COOPERATORS, AND CULTURAL INFORMATION

Locations	Cooperators	Irrigation	Fertilizer N-P-K-S(lb/A)	In-row	Spacing Between Row	Planting Date	Vine Kill Date	Harvest Date	Days to Vine Kill	Days to Harvest	Herbicides	Insecticides	Fungicides
Aberdeen Idaho (AB)	R. Spear R. Novy J. Whitworth C. Lowder	Sprinkler	230-200-0-5Mn	9	36	30-Apr	14-Aug	26-Aug	106	118	TriCor 4F Matrix Eptam 7-E	Admire Pro	
Parma Idaho (PA)	M. Thornton R. Portenier K.Beck O. Morgan	Sprinkler	217-211-200 20Mg-11Mn-4B	10	36	10-Apr	17-Jul	12-Aug	98	124	Sonalan Boundry Eptam 7E		Bravo Endura Luna T Revus Top
Othello Washington (WA)	M. Pavek R. Knowles N. Fuller Z. Holden	Sprinkler	200-200-250 40S-2B	8	32	16-Apr	24-Jul	10-Aug	99	116	Outlook Prowl H2O Eptam	Platinum	Priaxor Chloronil Bravo Zing
Klamath Falls Oregon (OR)	B. Charlton N. Baley					No trial was planted this year due to shortage of water							

TABLE 2: 2020 Tri-State Specialty Potato Variety Trial - CLONE, PARENTS, FLOWER COLOR, ENTERED BY, SEED SOURCE, STAND, AND STEM NO.

No Clone	Parents		Flower Color	Entered by	Trial Year	Seed Source	STAND (%)			Mean Stand %	STEM NO.			Stems/Plant
	Female	Male					AB	PA	WA		AB	PA	WA	
1 Chieftain	LA1354	LA1027-18	Purple	Check	***	OR	99	97	93	96	2.0	2.0	1.8	1.9
2 Modoc	ND1196-2R	ND2225-1R	Purple	Check	***	OR	99	52	73	75	2.6	2.5	2.4	2.5
3 A14046-4R	NDA050237B-1R	Sakai 35	Dk Red-Purple	ID	1	ID	*	*	81	81	*	*	2.1	2.1
4 NDA8512C-1R	ND6694C-1R	ND5256-7R	M. Red-Purple	ID	2	OR	99	98	88	95	2.0	2.3	1.9	2.1
5 A08122-9RY	A02267-5PY	COA01406-1R	Dk Red-Purple	ID	2	OR	99	98	94	97	4.7	3.7	2.5	3.6
6 A11573-5RYsto	A02267-5PY	NDA050204-1R	Dk Red-Purple	ID	1	ID	*	99	81	90	*	4.5	2.3	3.4
7 Yukon Gold	Norgleam	W5279-4	Pink	Check	***	OR	99	93	89	93	1.4	1.6	1.7	1.6
8 A08120-4Y	A02267-2PY	POR02PG26-5	Dk Red-Purple	ID	1	ID	*	98	70	84	*	3.9	2.3	3.1
9 A08123-5Ysto	A02267-5PY	R 89063-84	M. Red-Purple	ID	1	ID	*	94	71	83	*	2.3	1.9	2.1
10 A11635-1RYsto	Pinto	US147-96 R/Y	M. Red-Purple	ID	1	ID	*	94	79	86	*	4.0	2.5	3.2

TABLE 3: 2020 Tri-State Specialty Potato Variety Trial - VINE CHARACTERISTICS

No	Clone	Vine Size ¹				Vine Maturity ²			
		AB	PA	Means	Size	AB	PA	Means	Maturity
1	Chieftain	2.0	4.1	3.1	Med-large	3.9	3.9	3.9	Med-late
2	Modoc	1.3	2.6	1.9	Small	3.0	2.8	2.9	Med Early
3	A14046-4R	*	*	*	*	*	*	*	*
4	NDA8512C-1R	1.8	4.0	2.9	Medium	2.6	3.0	2.8	Med Early
5	A08122-9RY	2.0	3.4	2.7	Medium	3.4	3.1	3.3	Medium
6	A11573-5RYsto	*	3.0	3.0	Medium	*	3.6	3.6	Med--late
7	Yukon Gold	2.0	3.6	2.8	Medium	3.5	2.5	3.0	Med Early
8	A08120-4Y	*	4.0	4.0	Med-large	*	4.6	4.6	Very Late
9	A08123-5Ysto	*	4.8	4.8	Very Large	*	3.4	3.4	Medium
10	A11635-1RYsto	*	4.0	4.0	Med-large	*	3.3	3.3	Medium

¹ 1.0-2.5=Small, 2.6-3.0=Medium, 3.1-4.0=Medium-Large, 4.1-4.5=Large, 4.6-5.0=Very Large

² 1.0-2.5=Early, 2.6-3.0=Medium-Early, 3.1-3.5=Medium, 3.6-4.0= Medium-Late, 4.1-4.5=Late, 4.6-5.0=Very Late

TABLE 4: 2020 Tri-State Specialty Potato Variety Trial - TOTAL YIELD AND SPECIFIC GRAVITY

No. Clone	TOTAL YIELD (CWT/A)				SPECIFIC GRAVITY			
	AB	PA	WA	Entry Mean	AB	PA	WA	Entry Mean
1 Chieftain	494	436	792	574	1.076	1.073	1.073	1.074
2 Modoc	417	284	568	423	1.082	1.065	1.067	1.072
3 A14046-4R	*	*	186	186	*	*	1.065	1.065
4 NDA8512C-1R	354	384	632	457	1.075	1.073	1.075	1.075
5 A08122-9RY	524	454	608	529	1.082	1.072	1.077	1.077
6 A11573-5RYsto	*	383	274	329	*	1.074	1.073	1.073
7 Yukon Gold	420	351	580	450	1.087	1.088	1.083	1.086
8 A08120-4Y	*	309	92	200	*	1.064	1.057	1.061
9 A08123-5Ysto	*	414	392	403	*	1.066	1.066	1.066
10 A11635-1RYsto	*	451	488	469	*	1.073	1.070	1.072
Location Means	442	385	461		1.080	1.072	1.071	

TABLE 5: 2020 Tri-State Specialty Potato Variety Trial - YIELD < 4 OZ (CWT/A & %)

No. Clone	0-2 OZ or C's <1.34" (CWT/A)/%					2-4 OZ or B's <2.25" (CWT/A)/%				
	Entry					Entry				
	AB	PA	WA	Mean	Rank	AB	PA	WA	Mean	Rank
1 Chieftain	8	8	16	11	9	43	29	97	56	9
	2	2	2	2	10	9	7	12	9	9
2 Modoc	42	19	50	37	6	145	69	227	147	2
	10	7	9	9	7	35	24	40	33	5
3 A14046-4R	*	*	35	35	7	*	*	85	85	8
	*	*	19	19	3	*	*	46	46	1
4 NDA8512C-1R	13	14	46	24	8	64	50	169	94	6
	4	4	7	5	8	18	13	27	19	8
5 A08122-9RY	92	29	96	72	3	243	119	259	207	1
	18	6	16	13	4	46	26	43	38	3
6 A11573-5RYsto	*	52	135	94	1	*	143	129	136	3
	*	14	49	32	2	*	37	47	42	2
7 Yukon Gold	12	12	8	11	9	36	36	46	39	10
	3	4	1	3	9	8	10	8	9	10
8 A08120-4Y	*	121	64	93	2	*	151	26	89	7
	*	39	70	55	1	*	48	28	38	4
9 A08123-5Ysto	*	20	57	39	5	*	75	155	115	5
	*	5	15	10	5	*	18	39	29	6
10 A11635-1RYsto	*	37	48	43	4	*	123	138	131	4
	*	8	10	9	6	*	27	28	28	7
Location Means	33	35	56			106	88	133		
	7	10	20			23	23	32		

TABLE 6: 2020 Tri-State Specialty Potato Variety Trial - YIELD US NO.1 4-6 OZ. AND 6-10 OZ. (CWT/A & %)

No. Clone	4-6 OZ (CWT/A)/%					6-10 OZ (CWT/A)/%				
	AB	PA	WA	Entry Mean	Rank	AB	PA	WA	Entry Mean	Rank
1 Chieftain	109	69	225	134	3	246	163	329	246	1
	22	16	28	22	7	50	38	42	43	1
2 Modoc	121	68	204	131	6	88	76	67	77	7
	29	24	36	30	3	21	26	12	20	6
3 A14046-4R	*	*	51	51	9	*	*	14	14	9
	*	*	28	28	5	*	*	8	8	8
4 NDA8512C-1R	107	129	206	147	2	106	147	157	137	3
	30	33	33	32	2	30	38	25	31	3
5 A08122-9RY	131	155	157	148	1	42	118	82	81	6
	25	34	26	28	4	8	26	14	16	7
6 A11573-5RYsto	*	133	9	71	8	*	48	0	24	8
	*	35	3	19	8	*	12	0	6	9
7 Yukon Gold	82	63	78	74	7	178	123	242	181	2
	19	18	13	17	9	42	35	42	40	2
8 A08120-4Y	*	30	2	16	10	*	1	0	1	10
	*	10	2	6	10	*	0	0	0	10
9 A08123-5Ysto	*	151	116	134	4	*	126	55	91	5
	*	37	30	34	1	*	31	14	23	5
10 A11635-1RYsto	*	136	127	132	5	*	126	96	111	4
	*	30	26	28	5	*	28	20	24	4
Location Means	110	104	118			132	103	104		
	25	26	23			30	26	18		

TABLE 7: 2020 Tri-State Specialty Potato Variety Trial - YIELD US NO.1 >10 OZ. AND CULL (CWT/A & %)

No. Clone	>10 OZ (CWT/A)/%					CULLS (CWT/A)/%				
	AB	PA	WA	Entry Mean	Rank	AB	PA	WA	Entry Mean	Rank
	1 Chieftain	78 16	138 31	121 15	112 21	2 2	12 2	29 7	1 0	14 3
2 Modoc	17 4	36 13	15 3	23 7	5 5	5 1	16 6	2 0	8 2	6 5
3 A14046-4R	* *	* *	0 0	0 0	9 9	* *	* *	0 0	0 0	10 10
4 NDA8512C-1R	41 11	32 9	18 3	30 8	4 4	23 6	13 3	36 6	24 5	1 1
5 A08122-9RY	9 2	21 4	9 1	13 2	6 6	7 1	13 3	5 1	8 2	5 6
6 A11573-5RYsto	* *	3 1	0 0	2 1	8 8	* *	5 1	0 0	3 1	9 9
7 Yukon Gold	107 25	113 31	192 33	137 30	1 1	6 1	4 1	7 1	6 1	7 7
8 A08120-4Y	* *	0 0	0 0	0 0	9 9	* *	8 2	0 0	4 1	8 7
9 A08123-5Ysto	* *	14 3	2 1	8 2	7 7	* *	27 7	3 1	15 4	2 2
10 A11635-1RYsto	* *	17 4	66 13	42 9	3 3	* *	11 2	14 3	13 3	4 4
Location Means	44 11	30 8	34 6			10 2	12 3	7 1		

TABLE 8: 2020 Tri-State Specialty Potato Variety Trial - TUBER SHAPE AND LENGTH/WIDTH RATIO

No. Clone	Tuber Shape ¹				Length/Width Ratio			
	AB	WA	Entry Means		AB	PA	WA	Entry Means
1 Chieftain	1.9	1.0	1.4	Round	1.01	1.14	1.22	1.12
2 Modoc	1.5	2.0	1.8	Round	1.11	1.17	1.35	1.21
3 A14046-4R	*	1.0	1.0	Round	*	*	1.04	1.04
4 NDA8512C-1R	1.0	1.0	1.0	Round	1.11	1.04	1.19	1.11
5 A08122-9RY	1.1	1.0	1.1	Round	1.15	1.08	1.09	1.11
6 A11573-5RYsto	*	1.0	1.0	Round	*	0.90	1.23	1.06
7 Yukon Gold	1.4	1.0	1.2	Round	1.14	1.14	1.19	1.15
8 A08120-4Y	*	1.0	1.0	Round	*	1.14	1.10	1.12
9 A08123-5Ysto	*	1.3	1.3	Round	*	1.21	1.27	1.24
10 A11635-1RYsto	*	1.0	1.0	Round	*	0.98	1.05	1.02
Location Means	1.4	1.1			1.10	1.09	1.17	

¹ 1.0-2.0=Round, 2.1-2.5=Oval, 2.6-3.5=Blocky, 3.6-4.0=Oblong, 4.1-5.0=Long

TABLE 9: 2020 Tri-State Specialty Potato Variety Trial - TUBER SIZE and TUBERS PER P

No. Clone	Average Tuber Size (oz)				Tubers per Plant			
	AB	PA	WA	Entry Means	AB	PA	WA	Entry Means
1 Chieftain	6.2	6.7	5.9	6.3	6.4	6.2	9.3	7.3
2 Modoc	3.6	4.2	3.7	3.8	9.3	11.9	10.8	10.6
3 A14046-4R	*	*	2.9	2.9	*	*	4.4	4.4
4 NDA8512C-1R	4.9	4.8	4.2	4.6	5.8	7.6	10.5	8.0
5 A08122-9RY	2.8	3.8	3.3	3.3	14.8	11.3	13.1	13.1
6 A11573-5RYsto	*	3.0	1.9	2.5	*	12.0	9.8	10.9
7 Yukon Gold	6.1	5.8	7.3	6.4	5.5	6.0	5.5	5.7
8 A08120-4Y	*	1.8	1.6	1.7	*	15.7	4.0	9.9
9 A08123-5Ysto	*	4.3	3.3	3.8	*	9.5	8.1	8.8
10 A11635-1RYsto	*	3.7	4.2	4.0	*	11.9	8.5	10.2
Location Means	4.7	4.2	3.8		8.4	10.2	8.4	

TABLE 10: 2020 Tri-State Specialty Potato Variety Trial - EYE DEPTH, TUBER SKIN AND FLESH COLOR

No. Clone	Eye Depth ¹			Skin Color ²				Flesh Color		
	AB	WA	Entry Means	AB	PA	WA	Entry Means	AB	PA	
1 Chieftain	2.9	2.7	2.8	3.0	2.0	3.0	2.7	Red	White	White
2 Modoc	4.3	3.8	4.0	3.0	3.9	4.0	3.6	Red	White	White
3 A14046-4R	*	2.0	2.0	*	*	3.0	3.0	Red	*	*
4 NDA8512C-1R	4.0	3.0	3.5	4.0	4.5	4.0	4.2	Red	White	White
5 A08122-9RY	3.9	3.0	3.4	3.0	1.6	3.0	2.5	Red	Yellow	Yellow
6 A11573-5RYsto	*	3.0	3.0	*	3.5	4.0	3.8	Red	*	Yellow
7 Yukon Gold	3.5	3.0	3.3	3.0	2.0	2.5	2.5	Yellow	Yellow	Yellow
8 A08120-4Y	*	3.7	3.7	*	1.0	2.0	1.5	Yellow	*	Yellow
9 A08123-5Ysto	*	3.0	3.0	*	2.5	2.0	2.3	Yellow	*	Yellow
10 A11635-1Ysto	*	3.0	3.0	*	1.0	2.0	1.5	Yellow	*	Yellow
Location Means	3.7	3.0		3.3	3.1	3.5				

¹ Scale of 1-5; 1=deep, 5=shallow

² Scale of 1-5 with higher number more intense color.

TABLE 11: 2020 Tri-State Specialty Potato Variety Trial - TUBER APPEARANCE, UNIFORMITY, MERIT

No. Clone	Appearance ¹				Uniformity ¹			Merit Score ¹		
	AB	PA	WA	Entry Means	AB	WA	Entry Means	AB	PA	Entry Means
1 Chieftain	3.0	2.5	3.0	2.8	3.1	2.3	2.7	2.4	2.8	2.6
2 Modoc	3.8	4.1	3.8	3.9	4.0	3.5	3.8	3.4	3.6	3.5
3 A14046-4R	*	*	1.5	1.5	*	3.3	3.3	*	*	*
4 NDA8512C-1R	3.9	3.1	3.8	3.6	3.8	3.0	3.4	2.8	3.0	2.9
5 A08122-9RY	2.8	2.0	3.3	2.7	4.1	3.7	3.9	3.5	2.0	2.8
6 A11573-5RYsto	*	3.8	3.8	3.8	*	4.0	*	*	3.3	3.3
7 Yukon Gold	3.4	3.9	2.8	3.3	3.5	3.0	3.3	3.4	3.8	3.6
8 A08120-4Y	*	4.4	3.3	3.8	*	4.0	4.0	*	4.0	4.0
9 A08123-5Ysto	*	2.6	2.8	2.7	*	2.5	2.5	*	2.5	2.5
10 A11635-1RYsto	*	2.1	2.8	2.4	*	3.0	*	*	2.0	2.0
Location Means	3.4	3.2	3.1		3.7	3.2		3.1	3.0	

¹ Scale of 1-5; 5=best

TABLE 12: 2020 Tri-State Specialty Potato Variety Trial - EXTERNAL DEFECTS

No.	Clone	Skinning ¹				Shatter ¹				Greening ¹				Scab ¹			
		AB	PA	WA	Entry Means	AB	PA	WA	Entry Means	AB	PA	WA	Entry Means	AB	PA	WA	Entry Means
1	Chieftain	2.6	4.3	4.0	3.6	4.9	4.5	4.0	4.5	5.0	5.0	5.0	5.0	4.8	4.5	5.0	4.8
2	Modoc	3.3	4.0	4.0	3.8	4.6	4.5	5.0	4.7	5.0	5.0	5.0	5.0	5.0	4.0	5.0	4.7
3	A14046-4R	*	*	4.0	4.0	*	*	4.0	4.0	*	*	5.0	5.0	*	*	5.0	5.0
4	NDA8512C-1R	3.1	4.5	3.0	3.5	4.4	4.0	5.0	4.5	5.0	4.5	5.0	4.8	5.0	4.5	5.0	4.8
5	A08122-9RY	4.5	4.8	4.0	4.4	5.0	4.8	4.0	4.6	5.0	4.5	5.0	4.8	5.0	5.0	5.0	5.0
6	A11573-5RYsto	*	4.0	4.0	4.0	*	5.0	5.0	5.0	*	4.0	5.0	4.5	*	5.0	5.0	5.0
7	Yukon Gold	3.1	5.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	4.5	5.0	4.8	3.5	3.0	5.0	3.8
8	A08120-4Y	*	5.0	4.0	4.5	*	5.0	5.0	5.0	*	4.3	5.0	4.6	*	4.3	5.0	4.6
9	A08123-5Ysto	*	4.5	4.3	4.4	*	4.3	4.0	4.1	*	4.5	5.0	4.8	*	4.0	3.7	3.8
10	A11635-1RYsto	*	5.0	4.0	4.5	*	4.3	5.0	4.6	*	4.0	4.0	4.0	*	3.8	5.0	4.4
Location Means		3.3	4.6	3.9		4.8	4.6	4.6		5.0	4.5	4.9		4.7	4.2	4.9	

¹ Scale of 1-5; 5=none

TABLE 13: 2020 Tri-State Specialty Potato Variety Trial - INTERNAL DEFECTS

No. Clone	Hollow Heart plus Brown Center (%)				Internal Brown Spot (%)				Net Necrosis/ cular Discoloration	
	AB	PA	WA	Entry Means	AB	PA	WA	Entry Means	AB	Entry Means
1 Chieftain	0.0	15.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Modoc	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.8	0.0	0.0
3 A14046-4R	0.0	*	0.0	0.0	*	*	0.0	0.0	*	*
4 NDA8512C-1R	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 A08122-9RY	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.8	0.0	0.0
6 A11573-5RYsto	*	0.0	0.0	0.0	*	2.5	0.0	1.3	*	*
7 Yukon Gold	0.0	0.0	3.3	1.1	0.0	7.5	0.0	2.5	0.0	0.0
8 A08120-4Y	0.0	0.0	0.0	0.0	*	2.5	0.0	1.3	*	*
9 A08123-5Ysto	0.0	0.0	0.0	0.0	*	5.0	0.0	2.5	*	*
10 A11635-1RYsto	*	0.0	0.0	0.0	*	15.0	0.0	7.5	*	*
Location Means	0.0	1.7	0.3		0.0	4.2	0.0		0.0	

**TABLE 14: 2020 Tri-State Specialty Potato Variety Trial - SOLIDS, ANTIOXIDANTS, VITAMIN C,
AND GLYCOALKALOIDS - ABERDEEN**

No.	Clone	Solids Oven Dry (%)	Antioxidants (ug/g FWB)	Vitamin C (mg/100g FWB)	Glycoalkaloids (mg/100g FWB)
1	Chieftain	19.54	418.69	25.69	9.32
2	Modoc	18.84	326.23	33.69	6.39
3	A14046-4R	*	*	*	*
4	NDA8512C-1R	20.00	386.28	24.48	6.33
5	A08122-9RY	21.26	308.83	22.93	3.81
6	A11573-5RYsto	*	*	*	*
7	Yukon Gold	17.21	232.12	26.61	4.04
8	A08120-4Y	*	*	*	*
9	A08123-5Ysto	*	*	*	*
10	A11635-1RYsto	*	*	*	*
Means		19.4	334.43	26.7	6.0

TABLE 15: 2020 Tri-State Specialty Potato Variety Trial - OTHER

No.	Clone	Early Blight	Verticillium Wilt	Days until sprouts	Metribuzin Reaction
		AB	AB	PA	AB
1	Chieftain	5	5.0	125	MR
2	Modoc	3	4.9	118	MS
3	A14046-4R	*	*	*	*
4	NDA8512C-1R	2	4.6	111	R
5	A08122-9RY	4	5.0	104	VR
6	A11573-5RYsto	*	*	90	*
7	Yukon Gold	3	4.5	128	VR
8	A08120-4Y	*	*	104	*
9	A08123-5Ysto	*	*	132	*
10	A11635-1RYsto	*	*	90	*

3.6**4.9**

Scale of 1-5; 5=none

Scale of 1-5; 5 = none

TABLE 16: 2020 Tri-State Specialty Potato Variety Trial - SUMMAR

Clone	Total Yield	Yield 2-6 oz (premium)	Fresh Merit	Appearance
1 Chieftain	574	190	2.6	2.8
2 Modoc	423	278	3.5	3.9
3 A14046-4R	186	137	*	1.5
4 NDA8512C-1R	457	242	2.9	3.6
5 A08122-9RY	529	355	2.8	2.7
6 A11573-5RYsto	329	207	3.3	3.8
7 Yukon Gold	450	113	3.6	3.3
8 A08120-4Y	200	104	4.0	3.8
9 A08123-5Ysto	403	248	2.5	2.7
10 A11635-1RYsto	469	262	2.0	2.4

TABLE 17: 2020Tri-State Specialty Potato Variety Trial - COMMENTS

Clone	ABERDEEN	PARMA	OTHELLO
1 Chieftain	Few ats (4); flat, rot, oblong (2)	skinning	High yield, big size range, light red
2 Modoc	Round with few points, few pears, skin a bit russeted, some skinning	pointed	Nice red skin, some oblong, most round.
3 A14046-4R	*	*	Sticky stolons, irregular shapes, discard.
4 NDA8512C-1R	Nice color (3); low yield (2); slight checking, some shatter, few bulging eyes	irregular, pointed, stolons	Bright red, some growth crack issues,
5 A08122-9RY	Russeting skin, uniform, few ats (4); few brows (2)	irregular, small	Looked like Chieftain, but smaller. Nice shape.
6 A11573-5RYsto	*	uniform	Deed red, small, lots of Rhizoc.
7 Yukon Gold	Flat (4); some scab (2)	uniform	Larger, nice yellow, lots of Rhizoc.
8 A08120-4Y	*	pointed, pink eyes	Small, pink eyes, lots of Rhizoc.
9 A08123-5Ysto	*	pointed, stolons	Nice skin, yellow, but some had powdery scab.
10 A11635-1RYsto	*	uniform, IBS	Ugly skin - russeting. Discard.

2020 Tri-State Specialty Potato Variety Photos

Taken at Parma, Idaho



Chieftain



Modoc



NDA8512C-1R



A08122-9RY



A11573-5RYsto



Yukon Gold



A08120-4Y



A08123-5Ysto



A11635-1RYsto