

Potato, irrigated

Yield goal Nitrogen Soil test phosphorus (ppm) Soil test potassium (ppm)

cwt/ acre	soil + fertilizer	Olsen	0-3	4-7	8-11	12-15	16-19	20-40	41-75	76+	0-40	41-80	81-120	121-160	161-200	201-250	251-750	750+
		Bray	0-5	6-10	11-15	16-20	20-25	26-53	54-100	101+								

AGVISE Broadcast

lb/acre N		lb/acre P ₂ O ₅								lb/acre K ₂ O							
200	110	85	75	60	50*	50*	50*	50*	50*	245	205	165	125	85	50*	50*	50*
250	140	105	90	75	60	50*	50*	50*	50*	305	255	205	155	105	55	50*	50*
300	165	130	110	90	75	55	50*	50*	50*	365	305	245	185	125	65	50*	50*
350	195	150	130	105	85	65	50*	50*	50*	425	355	285	215	145	75	50*	50*
400	220	170	145	120	95	75	50*	50*	50*	490	410	330	250	170	90	50*	50*
450	250	190	165	135	110	80	50*	50*	50*	550	460	370	280	190	100	50*	50*
500	275	215	185	150	120	90	50*	50*	50*	610	510	410	310	210	110	50*	50*

Minimum N = 20

AGVISE Broadcast/Maintenance

200	110	85	75	60	50*	50*	50*	50*	50*	245	205	165	125	100	100	50*	50*
250	140	105	90	75	60	50*	50*	50*	50*	305	255	205	155	125	125	50*	50*
300	165	130	110	90	75	55	55	50*	50*	365	305	245	185	150	150	50*	50*
350	195	150	130	105	85	65	65	50*	50*	425	355	285	215	175	175	50*	50*
400	220	170	145	120	95	75	70	50*	50*	490	410	330	250	200	200	50*	50*
450	250	190	165	135	110	80	80	50*	50*	550	460	370	280	225	225	50*	50*
500	275	215	185	150	120	90	90	50*	50*	610	510	410	310	250	250	50*	50*

Minimum N = 20

AGVISE Band

200	110	60	55	50*	50*	50*	50*	50*	50*	180	150	120	90	60	50*	50*	50*
250	140	80	65	55	50*	50*	50*	50*	50*	230	190	150	115	75	50*	50*	50*
300	165	95	80	65	50	50*	50*	50*	50*	275	230	185	135	90	50*	50*	50*
350	195	110	95	75	60	50*	50*	50*	50*	320	265	215	160	105	55	50*	50*
400	220	125	105	90	70	50	50*	50*	50*	365	305	245	185	120	60	50*	50*
450	250	140	120	100	80	60	50*	50*	50*	410	340	275	205	135	70	50*	50*
500	275	155	135	110	90	65	50*	50*	50*	455	380	305	230	155	75	50*	50*

Minimum N = 20

AGVISE Band/Maintenance

200	110	60	55	50*	50*	50*	50*	50*	50*	180	150	120	100	100	100	50*	50*
250	140	80	65	55	50*	50*	50*	50*	50*	230	190	150	125	125	125	50*	50*
300	165	95	80	65	55	55	55	50*	50*	275	230	185	150	150	150	50*	50*
350	195	110	95	75	65	65	65	50*	50*	320	265	215	175	175	175	50*	50*
400	220	125	105	90	70	70	70	50*	50*	365	305	245	200	200	200	50*	50*
450	250	140	120	100	80	80	80	50*	50*	410	340	275	225	225	225	50*	50*
500	275	155	135	110	90	90	90	50*	50*	455	380	305	250	250	250	50*	50*

Minimum N = 20

*Starter rate only

The phosphorus guideline will be increased 10 lbs for every 1% soil carbonate. The maximum adjustment is 120 lbs/ac.