

# Corn-Soybean rotation

Yield goal bu/ acre	Nitrogen soil + fertilizer	Soil test phosphorus (ppm)									Soil test potassium (ppm)							
		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 <sub>2</sub> O <sub>5</sub>								lb/acre K <sub>2</sub> O							
100	120	120	100	80	60	45	15*	15*	0	145	125	100	75	55	30	10*	0
125	150	145	125	100	80	55	15*	15*	0	185	155	125	95	70	40	10*	0
150	180	175	150	120	95	65	15*	15*	0	220	185	150	115	80	45	10*	0
175	210	205	175	140	110	75	15*	15*	0	255	215	175	135	95	55	10*	0
200	240	235	200	160	125	90	15*	15*	0	295	250	200	155	110	60	10*	0
225	270	265	225	180	140	100	15*	15*	0	330	280	225	175	120	70	10*	0
250	300	295	250	205	155	110	15*	15*	0	370	310	250	195	135	80	10*	0

Minimum N = 10

## AGVISE Broadcast/Maintenance

100	120	120	100	80	60	55	55	15*	0	145	125	100	75	55	55	10*	0
125	150	145	125	100	80	70	70	15*	0	185	155	125	95	70	70	10*	0
150	180	175	150	120	95	85	85	15*	0	220	185	150	115	80	80	10*	0
175	210	205	175	140	110	100	100	15*	0	255	215	175	135	95	95	10*	0
200	240	235	200	160	125	115	115	15*	0	295	250	200	155	110	110	10*	0
225	270	265	225	180	140	130	130	15*	0	330	280	225	175	125	125	10*	0
250	300	295	250	205	155	140	140	15*	0	370	310	250	195	135	135	10*	0

Minimum N = 10

First-year broadcast P and K guideline for 2-year corn-soybean rotation, assuming corn:soybean yield ratio of 3.7:1 bu/acre. Approximate summation of AGVISE corn broadcast guideline and soybean crop removal.