

Soybean

Yield goal

Nitrogen

Soil test phosphorus (ppm)

Soil test potassium (ppm)

bu/ acre	soil + fertilizer	Olsen									Bray							
		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+	
		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							
20	60	35	30	25	0	0	0	0	0	50	40	30	20	0	0	0	0
30	60	55	45	35	25	0	0	0	0	70	60	45	30	20	0	0	0
40	60	75	60	50	35	25	0	0	0	95	80	60	40	25	0	0	0
50	60	95	80	60	45	30	0	0	0	120	95	75	55	30	0	0	0
60	60	110	95	75	55	35	0	0	0	145	115	90	65	35	0	0	0
70	60	130	110	85	65	40	0	0	0	170	135	105	75	40	0	0	0

AGVISE Broadcast/Maintenance

20	60	35	30	25	20	15	15	0	0	50	40	30	25	25	25	0	0
30	60	55	45	35	25	20	20	0	0	70	60	45	35	35	35	0	0
40	60	75	60	50	35	30	30	0	0	95	80	60	45	45	45	0	0
50	60	95	80	60	45	35	35	0	0	120	95	75	60	60	60	0	0
60	60	110	95	75	55	45	45	0	0	145	115	90	70	70	70	0	0
70	60	130	110	85	65	50	50	0	0	170	135	105	80	80	80	0	0

AGVISE Band

20	60	20	20	15	10	10*	10*	10*	0	25	20	15	10	0	0	0	0
30	60	30	25	20	15	10	10*	10*	0	35	30	25	15	10	0	0	0
40	60	40	35	30	25	15	10*	10*	0	50	40	30	25	15	0	0	0
50	60	55	45	35	30	20	10*	10*	0	60	50	40	30	20	0	0	0
60	60	65	55	45	35	25	10*	10*	0	70	60	45	35	20	0	0	0
70	60	75	65	50	40	30	10*	10*	0	85	70	55	40	25	0	0	0

AGVISE Band/Maintenance

20	60	20	20	15	15	15	15	10*	0	25	25	25	25	25	25	0	0
30	60	30	25	20	20	20	20	10*	0	35	35	35	35	35	35	0	0
40	60	40	35	30	30	30	30	10*	0	50	45	45	45	45	45	0	0
50	60	55	45	35	35	35	35	10*	0	60	60	60	60	60	60	0	0
60	60	65	55	45	45	45	45	10*	0	70	70	70	70	70	70	0	0
70	60	75	65	50	50	50	50	10*	0	85	80	80	80	80	80	0	0

University Broadcast

20	50	25	15	0	0	0	0	0	0	35	30	20	15	10	0	0	0
30	50	40	20	0	0	0	0	0	0	55	45	35	25	10	0	0	0
40	50	50	30	10	0	0	0	0	0	75	60	45	30	15	0	0	0
50	50	65	35	10	0	0	0	0	0	90	75	55	40	20	0	0	0
60	50	75	45	10	0	0	0	0	0	110	90	65	45	25	0	0	0
70	50	90	50	10	0	0	0	0	0	130	105	80	55	30	0	0	0

Soybean may not respond to nitrogen fertilization if soybean history is established or inoculation is effective.

*Starter rate only