

Sorghum, grain

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

bu/ 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							
50	60	45	40	35	30	25	10*	10*	0	65	50	40	25	0	0	0	0
70	85	65	60	50	40	35	10*	10*	0	90	70	55	35	0	0	0	0
90	110	85	75	65	55	40	10*	10*	0	120	95	70	45	20	0	0	0
110	130	105	90	80	65	50	10	10*	0	145	115	85	55	25	0	0	0
130	155	125	110	90	75	60	15	10*	0	170	135	100	65	30	0	0	0
150	180	145	125	105	90	70	15	10*	0	195	155	115	75	35	0	0	0

Minimum N = 10

AGVISE Broadcast/Maintenance

50	60	45	40	35	30	25	20	10*	0	65	50	40	25	10	10	0	0
70	85	65	60	50	40	35	30	10*	0	90	70	55	35	15	15	0	0
90	110	85	75	65	55	40	35	10*	0	120	95	70	45	20	20	0	0
110	130	105	90	80	65	50	45	10*	0	145	115	85	55	25	25	0	0
130	155	125	110	90	75	60	50	10*	0	170	135	100	65	30	30	0	0
150	180	145	125	105	90	70	60	10*	0	195	155	115	75	35	35	0	0

Minimum N = 10

AGVISE Band

50	60	25	20	15	10	10*	10*	10*	0	35	30	20	10	5	0	0	0
70	85	35	30	20	15	10*	10*	10*	0	50	40	30	15	5	0	0	0
90	110	45	35	30	20	10	10*	10*	0	65	50	35	20	5	0	0	0
110	130	55	45	35	25	15	10*	10*	0	80	60	45	25	10	0	0	0
130	155	65	55	40	30	15	10*	10*	0	95	70	50	30	10	0	0	0
150	180	75	60	50	35	20	10*	10*	0	110	85	60	35	10	0	0	0

Minimum N = 10

AGVISE Band/Maintenance

50	60	25	20	20	20	20	20	10*	0	35	30	20	10	10	10	0	0
70	85	35	30	30	30	30	30	10*	0	50	40	30	15	15	15	0	0
90	110	45	35	35	35	35	35	10*	0	65	50	35	20	20	20	0	0
110	130	55	45	45	45	45	45	10*	0	80	60	45	25	25	25	0	0
130	155	65	55	50	50	50	50	10*	0	95	70	50	30	30	30	0	0
150	180	75	60	60	60	60	60	10*	0	110	85	60	35	35	35	0	0

Minimum N = 10

University Broadcast

50	55	30	20	15	10*	10*	10*	10*	0	40	25	15	0	0	0	0	0
70	75	40	30	20	10*	10*	10*	10*	0	55	35	20	0	0	0	0	0
90	100	55	40	25	10*	10*	10*	10*	0	70	45	25	10	0	0	0	0
110	120	65	45	30	10*	10*	10*	10*	0	85	60	30	10	0	0	0	0
130	145	75	55	35	10*	10*	10*	10*	0	100	70	40	10	0	0	0	0
150	165	90	65	40	15	10*	10*	10*	0	115	80	45	10	0	0	0	0

Minimum N = 10

*Starter rate only