

# Lentil

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

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

## AGVISE Broadcast

lb/acre N		lb/acre P <sub>2</sub> O <sub>5</sub>									lb/acre K <sub>2</sub> O							
1400	0	30	25	20	15	0	0	0	0	55	40	30	15	0	0	0	0	
1800	0	40	30	25	20	0	0	0	0	70	55	35	20	0	0	0	0	
2200	0	45	40	30	25	15	0	0	0	90	65	45	25	0	0	0	0	
2600	0	55	45	35	30	20	0	0	0	105	80	55	30	0	0	0	0	
3000	0	65	55	45	30	20	0	0	0	120	90	65	35	0	0	0	0	
3400	0	75	60	50	35	25	0	0	0	135	105	70	40	0	0	0	0	
3800	0	80	70	55	40	25	0	0	0	150	115	80	45	0	0	0	0	

## AGVISE Broadcast/Maintenance

1400	0	30	25	20	20	20	20	0	0	55	40	30	25	25	25	0	0
1800	0	40	30	25	25	25	25	0	0	70	55	35	30	30	30	0	0
2200	0	45	40	30	30	30	30	0	0	90	65	45	40	40	40	0	0
1600	0	55	45	35	35	35	35	0	0	105	80	55	45	45	45	0	0
3000	0	65	55	45	40	40	40	0	0	120	90	65	55	55	55	0	0
3400	0	75	60	50	45	45	45	0	0	135	105	70	60	60	60	0	0
3800	0	80	70	55	55	55	55	0	0	150	115	80	70	70	70	0	0

## AGVISE Band

1400	0	20	15	15	0	0	0	0	0	40	30	20	10	0	0	0	0
1800	0	25	20	15	10	0	0	0	0	50	40	25	15	0	0	0	0
2200	0	30	25	20	15	0	0	0	0	60	45	30	15	0	0	0	0
1600	0	35	30	25	15	10	0	0	0	75	55	35	20	0	0	0	0
3000	0	40	35	25	20	15	0	0	0	85	65	45	20	0	0	0	0
3400	0	45	40	30	25	15	0	0	0	95	70	50	25	0	0	0	0
3800	0	55	45	35	25	15	0	0	0	110	80	55	25	0	0	0	0

## AGVISE Band/Maintenance

1400	0	20	20	20	20	20	20	0	0	40	30	25	25	25	25	0	0
1800	0	25	25	25	25	25	25	0	0	50	40	30	30	30	30	0	0
2200	0	30	30	30	30	30	30	0	0	60	45	40	40	40	40	0	0
2600	0	35	35	35	35	35	35	0	0	75	55	45	45	45	45	0	0
3000	0	40	40	40	40	40	40	0	0	85	65	55	55	55	55	0	0
3400	0	45	45	45	45	45	45	0	0	95	70	60	60	60	60	0	0
3800	0	55	55	55	55	55	55	0	0	110	80	70	70	70	70	0	0

## University Broadcast

1400	0	20	15	10	0	0	0	0	0	35	25	15	10	0	0	0	0
1800	0	25	20	10	0	0	0	0	0	50	35	20	10	0	0	0	0
2200	0	35	25	15	0	0	0	0	0	60	40	25	10	0	0	0	0
2600	0	40	25	15	0	0	0	0	0	70	50	30	10	0	0	0	0
3000	0	45	30	20	10	0	0	0	0	80	60	35	15	0	0	0	0
3400	0	50	35	20	10	0	0	0	0	90	65	40	15	0	0	0	0
3800	0	55	40	25	10	0	0	0	0	100	75	45	20	0	0	0	0

A nitrogen application is suggested if the top soil tests less than 30 lbs/ac.