

HEMP, FOR FIBER PRODUCTION Crop Code: 1003

Standard Message:

Expected yield and nutrient recommendations are for field retted stalks.

Apply up to 50 lbs of N at planting and the remainder about 30 days later. You must account for residual N from previous legumes in the rotation or manure applications, if any.

We have limited experience with hemp production in our region. These recommendations are based on the most current information available. As we learn more about nutrient needs of hemp, recommendations will be revised as-needed.

Lime and Magnesium Recommendation:

pH Goal: 6.5

See Table 1 for lime recommendations based on target pH

Opt soil test Mg (ppm): 60

See Table 2 for Mg recommendations based on optimum soil test Mg

Nitrogen Recommendation (lb N/A):

Yield Goal (T/A)				
6	7	8	9	10
80 to 120	80 to 120	80 to 120	80 to 120	80 to 120

Phosphorus Recommendation (lb P2O5/A):

(Optimum soil test P: 30 - 50 ppm)

Soil test P (ppm)	Yield Goal (T/A)				
	6	7	8	9	10
0	190	190	190	190	190
5	160	160	160	160	160
10	130	130	130	130	130
15	100	100	110	110	110
20	70	80	80	80	80
25	50	50	50	50	50
30	20	20	20	20	30
35	10	10	20	20	20
40	10	10	10	10	10
45	0	0	10	10	10
50	0	0	0	0	0

Phosphorus Message(s)

When soil test P is greater than or equal to 300 ppm:

Very high P may lead to crop production problems and may result in P loss to the environment.

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Potassium Recommendation (lb K₂O/A):

(Optimum soil test K: 100 - 150 ppm)

Soil test K (ppm)	Yield Goal (T/A)				
	6	7	8	9	10
0	200	200	200	200	200
10	180	180	180	180	180
20	160	160	160	160	160
30	140	150	150	150	150
40	130	130	130	130	130
50	110	110	110	110	110
60	90	90	90	90	100
70	70	70	70	80	80
80	50	50	60	60	60
90	30	40	40	40	40
100	20	20	20	20	30
110	10	10	20	20	20
120	10	10	10	10	10
130	10	10	10	10	10
140	0	0	0	0	10
150	0	0	0	0	0
160	0	0	0	0	0
170	0	0	0	0	0
180	0	0	0	0	0
190	0	0	0	0	0
200	0	0	0	0	0

Potassium Message(s) :

When soil test K is greater than 200 ppm:

Very high K can lead to imbalances in forage crops grown later in the rotation which can cause serious health problems in animals
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