

GINSENG-TO PLANT Crop Code:3042

Standard Message:

Ginseng thrives in a high organic matter, "woody" soil with an acid pH range of low to medium fertility. It also requires 75% shade with free air circulation, so use forest canopy or wood lath.

Apply up to a 4 inch thick layer of finely chopped acid leaf (oak or pine) compost or leaf mold before you add any of the recommended amendments. After applying all amendments for fertility and pH adjustment, till or spade thoroughly to a depth of about 10 inches.

If a complete fertilizer (nitrogen, phosphate and potash) is recommended, consider applying an acid fertilizer high in organic matter.

If only nitrogen is needed, consider satisfying the entire N requirement with dried blood at the rate of 450 lbs/A.

If only phosphate is needed, consider satisfying the P requirement with steamed bone meal.

To convert recommendations from lbs/acre to lbs/100 square feet, divide all recommended values by 435.

Lime and Magnesium Recommendation:

pH Goal: 5.5

Opt soil test Mg (ppm): 100

Nitrogen Recommendation (lb N/A): 50

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 35 -70 ppm)

Soil test P (ppm)	P ₂ O ₅ lb/A
0	100
5	100
10	100
15	75
20	75
25	70
30	70
35	60
40	60
45	55
50	55
55	50
60	50
65	40
70	40
75	40
80	40
85	40
90	40
95	35

Potassium Recommendation (lb K₂O/A):

(Optimum soil test K: 70 - 140 ppm)

Soil test K (ppm)	K ₂ O lb/A
0	35
10	35
20	35
30	30
40	30
50	30
60	25
70	20
80	20
90	15
100	15
110	10
120	10