

GOURD Crop Code: 3015

Standard Message:

Broadcast half the fertilizer and disk in. Apply remainder in bands 2 inches below seed and 2 to 3 inches to the side of row. If magnesium deficiency symptoms appear after vining, apply a foliar spray of 6 pounds of magnesium sulfate per 100 gallons of water per acre. Repeat in 10 days if needed.

For additional information, see back messages 1,2,3,4 and 12.

Lime and Magnesium Recommendation:

pH Goal: 6.5

Opt soil test Mg (ppm): 100

Nitrogen Recommendation (lb N/A): 75

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 35 - 70 ppm)

| Soil test P (ppm) | P ₂ O ₅ lb/A |
|-------------------|------------------------------------|
| 0 | 300 |
| 5 | 285 |
| 10 | 265 |
| 15 | 245 |
| 20 | 225 |
| 25 | 200 |
| 30 | 175 |
| 35 | 150 |
| 40 | 145 |
| 45 | 135 |
| 50 | 120 |
| 55 | 105 |
| 60 | 90 |
| 65 | 75 |
| 70 | 75 |

Potassium Recommendation (lb K₂O/A):

(Optimum soil test K: 70 - 140 ppm)

| Soil test K (ppm) | K ₂ O lb/A |
|-------------------|-----------------------|
| 0 | 225 |
| 10 | 215 |
| 20 | 205 |
| 30 | 195 |
| 40 | 185 |
| 50 | 175 |
| 60 | 165 |
| 70 | 150 |
| 80 | 140 |
| 90 | 130 |
| 100 | 120 |
| 110 | 100 |
| 120 | 80 |
| 130 | 60 |
| 140 | 50 |