



## Phosphorus Soil Fertility Recommendations for Texas Fiber Crop

updated on 3-30-2012: [soiltesting.tamu.edu](http://soiltesting.tamu.edu)

### Soil, Water and Forage Testing Laboratory

Phosphorus recommendations applicable for methods used by laboratory.

Mehlich III by ICP only.

Mehlich III by ICP phosphorus (ppm or mg/kg) in Soil

|   | 0                       | 5   | 10  | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
|---|-------------------------|-----|-----|----|----|----|----|----|----|----|----|----|----|
|   | -----lbs P2O5/acre----- |     |     |    |    |    |    |    |    |    |    |    |    |
| KENAF   | 65                      | 60  | 55  | 45 | 40 | 30 | 25 | 20 | 10 | 5  | 0  |    |    |
| COTTON (DRYLAND OR LIMITED IRRIGATION , 1 BALE/A) | 55                      | 50  | 40  | 35 | 30 | 25 | 20 | 15 | 10 | 5  | 0  |    |    |
| COTTON (DRYLAND OR IRRIGATION , 1.5 BALES/A)      | 80                      | 70  | 60  | 55 | 45 | 40 | 30 | 20 | 15 | 5  | 0  |    |    |
| COTTON (2.0 BALES/A)                              | 105                     | 95  | 80  | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0  |    |    |
| COTTON (FULL IRRIGATION , 2.5 BALE/A)             | 105                     | 95  | 80  | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0  |    |    |
| COTTON (3.0 BALES/A)                              | 120                     | 105 | 95  | 80 | 70 | 60 | 45 | 35 | 20 | 10 | 0  |    |    |
| COTTON (3.5 BALES/A)                              | 120                     | 105 | 95  | 80 | 70 | 60 | 45 | 35 | 20 | 10 | 0  |    |    |
| COTTON (4.0 BALES/A)                              | 130                     | 115 | 100 | 90 | 75 | 65 | 50 | 35 | 25 | 10 | 0  |    |    |
| COTTON (4.5 BALES/A)                              | 130                     | 115 | 100 | 90 | 75 | 65 | 50 | 35 | 25 | 10 | 0  |    |    |
| COTTON (5.0 BALES/A)                              | 140                     | 125 | 110 | 95 | 80 | 70 | 55 | 40 | 25 | 10 | 0  |    |    |