

**Computer Codes**

1. a. CR100, b. CR125,  
c. CR150, d. CR175, e. CR200

**CORN (FIELD)**

**Soil Test Recommendations for N, P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O (Pounds per Acre)**

Practice	Nitrogen	Phosphate (P <sub>2</sub> O <sub>5</sub> )				Potash (K <sub>2</sub> O)				Notes	
	Soil Test Levels*										
	(NT)	L	M	H	V	L	M	H	V		
<b>1. Grain</b>											
a. 100-125 bu./A	120	100	50	0	0	100	50	0	0	1,2,3,4	
b. 126-150 bu./A	150	120	60	0	0	120	60	0	0	1,2,3,4	
c. 151-175 bu./A	180	140	70	0	0	140	70	0	0	1,2,3,4	
d. 176-200 bu./A	210	160	80	0	0	160	80	0	0	1,2,3,4	
e. 201-225 bu./A	240	180	90	0	0	180	90	0	0	1,2,3,4	

\*NT = Not Tested    L = Low    M = Medium    H = High    V = Very High

Notes: Lime recommendations from Lime Chart 2.

1. Split applications of nitrogen may be beneficial when nitrogen rates are greater than 120 pounds per acre. ALSO: See corn nitrogen rate calculator at [www.utcrops.com](http://www.utcrops.com)
2. If nitrogen sources containing urea are not incorporated, some loss of nitrogen may occur if applied to moist soils followed by three or more days of rapidly drying conditions without rainfall.
3. Reduce N rate by 60 to 80 pounds per acre following a well-established single-species winter cover crop of crimson clover or hairy vetch that has reached early bloom stage.
4. On soils having a coarse textured subsoil, 10 pounds of sulfur per acre as part of the fertilizer blend may benefit yield, especially where deficiency symptoms have been observed in the past or where plant tissue tests have suggested sulfur deficiency.

**Use Notes 5 and 6 only as indicated in the note.**

5. Apply 5 pounds of zinc (approximately 15 pounds zinc sulfate) per acre just prior to planting. (*Note 4 is used only when the zinc test indicates a need for zinc.*)
6. If zinc was not tested, apply 5 pounds of zinc (approximately 15 pounds zinc sulfate) per acre when soil pH is 6.1 or above and phosphorus is high or anytime lime is applied or anywhere zinc deficiencies were observed the previous year. (*Note 6 is used for the following counties when the zinc test is not requested: Bedford, Cannon, Coffee, Cumberland, Davidson, DeKalb, Fentress, Franklin, Giles, Grundy, Jackson, Lincoln, Macon, Marshall, Maury, Moore, Morgan, Overton, Pickett, Putnam, Robertson, Smith, Sumner, Trousdale, Warren, Williamson and Wilson.*)