Pinnacle Genetics
Recommended Application Rates

Crop	Yield	Crop Rotation	Application Method	Manure Source	N rate gal/acre	P rate gal/acre
Corn	170	Following Corn or Wheat	Inject	B/G Pit	9,500	4,000
Corn	185	Following Corn or Wheat			10,400	4,350
Corn	170	Following Soybeans			7,700	4,000
Corn	185	Following Soybeans			8,500	4,350
Soybeans	50	Following Corn or Wheat			- -	2,330
Soybeans	55	Following Corn or Wheat			- -	2,560
Wheat	70	Following Corn or Wheat			3,300	3,450
Wheat	70	Following Soybeans			1,400	3,450

These recommended rates are based on the stated yields and crops, and assumes fields have ***NO recent manure applications*** *(no N credits from manure application). These are estimates only, and can be used as guides when climate or other factors exist that require deviations from planned manure applications. Previous applications would require that these application rates be decreased from present estimates.*

*N available 1st year = (Am-N * App Method Efficency) + (OrgN * .35)*

Previous manure applications should be given N credits =

*(App rate (in 1,000 gal) * Org N (per 1,000 gal) * Mineralization Factor) / 2*

Mineralization Factors: Year 1= .35, Year 2 = .175, Year 3 = .0875, Year 4 = 0.04

Efficiency of Application = Liquid, Broadcast = 0.80, Solid, Broadcast = 0.75, Aerway = 0.90, Liquid Inject = 0.98