

## ATTENTION!

**1.2 IS THE MOST YOU SHOULD DO!  
(FOR OPTIMAL YIELD)**

### UNIVERSITY OF ILLINOIS NITROGEN FERTILIZER RECOMMENDATION

**STEP 1:**

CHOOSE ONE COLUMN BELOW (A THRU H) WHERE "X" APPEARS NEXT TO EACH OF YOUR FERTILITY PRACTICES.

<b>Your Fertility Program</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
Beans were last crop	X	X	X	X				
Corn was last crop					X	X	X	X
200# 18-46-0 DAP applied		X	X	X		X	X	X
10 gallon 28% herbicide carrier			X	X			X	X
10 gallon 10-34-0 starter				X				X

**STEP 2:**

USING YOUR PROGRAM (A THRU H) FROM STEP 1 ABOVE AND YOUR TARGET YIELD, READ THE ACTUAL LBS/AC OF NITROGEN FERTILIZER NEEDED FOR OPTIMAL YIELD!

<b>** FERTILITY PROGRAM AND LBS/AC OF ACTUAL NITROGEN TO APPLY</b>								
<b>* Target Yield</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
120	140	68	38	28	144	108	78	68
140	128	92	62	52	168	132	102	92
160	152	116	86	76	192	156	126	116
180	176	140	110	100	216	180	150	140
200	200	164	134	124	240	204	174	164
220	224	188	158	148	264	228	198	188

\*Target Yield = 5 year proven average times 1.05.

**Example:**

**Step 1**

**C-Sb rotation & fall applied DAP = Column B**

\*\* Fertility program from Step 1 table above.

**Step 2.**

**Column B & target yield of 160 = Apply 116 lb/ac**

**U of I Nitrogen (N) Recommendation = "Target Yield" X 1.2 lbs N/bu minus soybean N, manure N and other applied N such as nitrogen applied with phosphate fertilizer, starter fertilizer, or as a carrier for herbicides.**

Prepared by the Champaign County Soil and Water Conservation District, with help from the USDA Natural Resources Conservation Service and the University of Illinois Extension.