



Yearly Application Rates

In order to determine the proper yearly application rate the following information must be known:



Crop Type Expected Yields Previous Crop Discharge Rate of Vehicle Width of Application
 Other Nitrogen Additions Site Acreage Soil Organic Matter Levels

The following chart denotes the allowable nitrogen application rates:

CROP: CORN/CORN SILAGE

PREVIOUS CROP 		CORN/SMALL GRAIN	SOYBEANS	CLOVER/ HAY	ALFALFA
SOIL ORGANIC MATTER 		LOW	LOW	LOW	LOW
YIELD GOAL		POUNDS PER ACRE OF NITROGEN TO APPLY			
GRAIN	Silage				
200+	-	230	190	130	70
175-200	24+	210	170	110	50
150-174	22-24	190	150	90	30
125-149	19-21	160	120	60	0
100-124	16-18	130	90	30	0
<100	13-15	100	60	0	0

CROP: SMALL GRAINS

PREVIOUS CROP 			CORN/SMALL GRAIN	CLOVER, POOR STAND OF ALFALFA, SOYBEANS	GOOD STAND OF ALFALFA
SOIL ORGANIC MATTER 			LOW	LOW	LOW
CROP TYPE AND YIELD GOAL			POUNDS PER ACRE OF NITROGEN TO APPLY		
WHEAT/ RYE bu/acre	BARLEY bu/acre	OATS bu/acre			
80	-	-	170	120	95
70-79	100+	-	155	105	80
60-69	90-99	120+	130	80	55
50-59	70-89	90-119	105	55	30
40-49	50-69	60-89	80	30	0

CROP YIELD GOAL bu/acre	N to apply lbs/acre	CROP YIELD GOAL tons/acre	N to apply lbs/acre	CROP	N to apply lbs/acre	LAND USE	N to apply lbs/acre
Soybeans		Alfalfa		Grass Hay (ton/acre/yr)		Woodland	90
50	175	4	200	4+	150	Non Cropped/ Non Harvested	50
40	140	3	150	4	120		
30	105			3	90		
20	70			2	60		