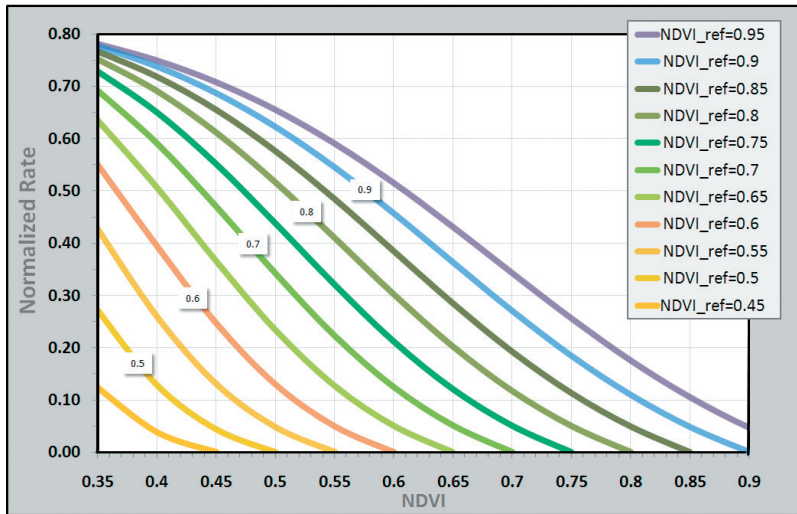




GreenSeeker® Handheld Crop Sensor Fertilizer Estimation Chart (Imperial)

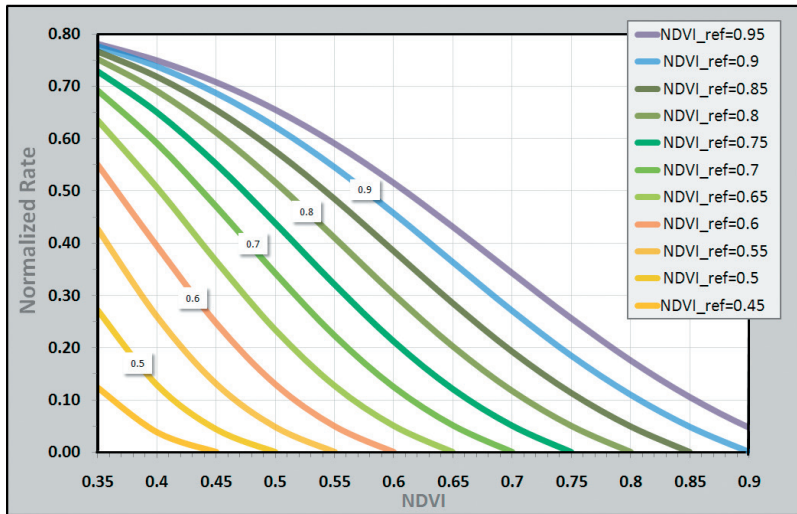


Crop	%N	lb/bu	Maximum yield (bu/ac)											
			15	25	50	75	100	125	150	175	200	225	250	275
Spring wheat	2.45	60		66.8	134	200	267	334	401	468				
Winter wheat	2.30	60	37.6	62.7	125	188	251	314	376	439				
Dryland corn	1.30	56				99.3	132	165	199	232	265	298	331	
Irrigated corn	1.25	56					127	159	191	223	255	286	318	350
Barley	1.70	48	22.3	37.1	74.2	111	148	185	223	260				
Triticale	2.10	54	30.9	51.5	103	155	206	258	309	361				
Sorghum	1.34	56				102	136	171	205	239	273	307		
Canola	3.10	50	42.3	70.5	141	211	282							

Uses NUE = 0.55 and $NDVI_{soil} = 0.15$



GreenSeeker® Handheld Crop Sensor Fertilizer Estimation Chart (Metric)



Crop	%N	Maximum yield (kg/ha)												
		1,000	3,000	5,000	6,000	7,000	8,000	9,000	10,000	11,000	12,000	14,000	16,000	
Spring wheat	2.45		134	223	267	312	356	401	445					
Winter wheat	2.30	41.8	69	209	251	293	335	376	418					
Dryland corn	1.30				142	165	189	213	236	260	284	331		
Irrigated corn	1.25					159	182	205	227	250	273	318	364	
Barley	1.70	30.9	92.7	155	185	216	247	278	309					
Triticale	2.10	38.2	115	191	229	267	305	344	382					
Sorghum	1.34				146	171	195	219	244	268	292			
Canola	3.10	56.4	169	282	338	395								
Rice	1.28	23.3	69.8	116	140	163	186	209	233	256	279	326	372	

Uses NUE = 0.55 and NDVI_{soil} = 0.15

This GreenSeeker Handheld Crop Sensor Fertilizer Estimate Chart was developed based on the Generalized Algorithm for Nitrogen Fertilizer Rates developed by Oklahoma State University. The use of this Fertilizer Estimation Chart is subject to the terms found in the Technical Specifications and General Information sheet included with the packaging for the GreenSeeker Handheld Crop Sensor. © 2012, Trimble Navigation Limited. All rights reserved. Trimble, the Globe and Triangle logo, and GreenSeeker are trademarks of Trimble Navigation Limited, registered in the United States and in other countries. Version 1.00, Rev A (July 2012).



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