Replant Corn - Making the Most of a Second Chance

Table 1.		Est. Yield Potential (APH x %)	Termination Cost		Original Plant Date	
Plant Date	% of Max Yield		Replant Cost		Replant Date	
4/20	100.0%	0	Corn Price		Original Yield Goal/APH	
4/30	98.8%	0		2021 Crop Insurance Replant Payment: 8 bu/acre @ $4.58		$36.64
5/10	95.8%	0				
5/20	91.4%	0				
5/30	85.6%	0				
6/5	81.3%	0				

*http://bulletin.ipm.illinois.edu/?p=3848

Table 2.	APH	180-240	140-180
Stand Count		bu/1000 ears	
34K+		5-8 bu	4-6 bu
28-34K		5-9 bu	5-6 bu
22-28K		6-9 bu	5-7 bu
0-22K		7-10 bu	6-9 bu

Circle which blocks needed Replant		LE1= 1/2 Ear, LE2=no ear	Use Table 2, counts, APH, uniformity, hybrid to estimate	Calculate (B x C)	Enter Yield Potentional From Table 1.	(E-D) x Corn Price	(Termination + replanting)- Crop Insurance	F-G
	A. Stand Count	B. Ear Count	C. bu/1000 ears (4-10?)	D. Original Yield Potential (Ear count x bu/1000 ears)	E. Replant Yield Potential	F. Replant Gain	G. Cost to Replant	H. Net Gain to Replant
Zone A								
Zone B								
Zone C								
Zone D								
Zone E								
Zone F								