

Salem	Field #1				Salem	Field #2	
Sample #1					Sample #1		
TOTAL # of Ears	26				TOTAL # of Ears	32	
	Rows on Ear	Kernals per Row				Rows on Ear	Kernals per Row
5th	18	26			5th	14	20
7th	16	26			7th	14	28
12th	16	28			12th	18	22
Avg.	16.66666667	26.66666667			Avg.	15.33333333	23.33333333
Sample #2					Sample #2		
TOTAL # of Ears	23				TOTAL # of Ears	30	
	Rows on Ear	Kernals per Row				Rows on Ear	Kernals per Row
5th	14	17			5th	14	23
7th	16	18			7th	14	23
12th	16	23			12th	16	26
Avg.	15.33333333	19.33333333			Avg.	14.66666667	24
Sample #3					Sample #3		
TOTAL # of Ears	24				TOTAL # of Ears	27	
	Rows on Ear	Kernals per Row				Rows on Ear	Kernals per Row
5th	16	40			5th	18	29
7th	16	36			7th	14	42
12th	16	34			12th	14	36
Avg.	16	36.66666667			Avg.	15.33333333	35.66666667
Avg. Total # of Ears	24.33333333				Avg. Total # of Ears	29.66666667	
Average Rows on Ear	16				Average Rows on Ear	15.11111111	
Average Kernals Per Row	27.55555556				Average Kernals Per Row	27.66666667	
Average Yield	119.2032922				Average Yield	137.8096022	

Salem			Field #3			Salem			Field #4		
Salem			Field #3			Sample #1					
Sample #1						Sample #1					
TOTAL # of Ears			30			TOTAL # of Ears			24		
			Rows on Ear						Rows on Ear		
			Kernals per Row						Kernals per Row		
5th	16	16	5th	18	24	7th	16	28	12th	16	30
7th	14	13	12th	16	30	Avg.	16.66666667	27.33333333			
12th	16	16									
Avg.	15.33333333	15									
Sample #2						Sample #2					
Sample #2						Sample #2					
TOTAL # of Ears			27			TOTAL # of Ears			28		
			Rows on Ear						Rows on Ear		
			Kernals per Row						Kernals per Row		
5th	16	29	5th	18	34	7th	16	30	12th	18	34
7th	16	16	12th	16	34	Avg.	17.33333333	32.66666667			
12th	16	21									
Avg.	16	22									
Sample #3						Sample #3					
Sample #3						Sample #3					
TOTAL # of Ears			28			TOTAL # of Ears			27		
			Rows on Ear						Rows on Ear		
			Kernals per Row						Kernals per Row		
5th	16	24	5th	16	30	7th	16	32	12th	18	34
7th	16	20	12th	16	34	Avg.	16.66666667	32			
12th	16	20									
Avg.	16	21.33333333									
Avg. Total # of Ears			28.33333333			Avg. Total # of Ears			26.33333333		
Average Rows on Ear			15.77777778			Average Rows on Ear			16.88888889		
Average Kernals Per Row			19.44444444			Average Kernals Per Row			30.66666667		
Average Yield			96.5820759			Average Yield			151.5412894		

Salem			Field #5			Salem			Field #6		
Sample #1						Sample #1					
TOTAL # of Ears			36			TOTAL # of Ears			25		
			Rows on Ear						Rows on Ear		
			Kernals per Row						Kernals per Row		
5th	16	26				5th	16	30			
7th	16	25				7th	16	27			
12th	16	30				12th	16	30			
Avg.	16	27				Avg.	16	29			
Sample #2						Sample #2					
TOTAL # of Ears			34			TOTAL # of Ears			29		
			Rows on Ear						Rows on Ear		
			Kernals per Row						Kernals per Row		
5th	18	37				5th	18	36			
7th	16	38				7th	16	32			
12th	16	29				12th	18	33			
Avg.	16.66666667	34.66666667				Avg.	17.33333333	33.66666667			
Sample #3						Sample #3					
TOTAL # of Ears			35			TOTAL # of Ears			30		
			Rows on Ear						Rows on Ear		
			Kernals per Row						Kernals per Row		
5th	16	40				5th	16	35			
7th	14	35				7th	16	42			
12th	16	37				12th	16	27			
Avg.	15.33333333	37.33333333				Avg.	16	34.66666667			
Avg. Total # of Ears			35			Avg. Total # of Ears			28		
Avergae Rows on Ear			16			Avergae Rows on Ear			16.44444444		
Average Kernals Per Row			33			Average Kernals Per Row			32.44444444		
Average Yield			205.3333333			Average Yield			165.98738		
TOWNSHIP AVERAGE			146.0761622								