

CORN REPLANT YIELD PROJECTIONS



This chart is a variation of a chart originally released from the University of Illinois. It more accurately estimates yield potential in today's hybrids in relation to planting date and population. Use this chart when considering when to start planting, if you should replant when less than ideal stands are established, and when it is too late to plant corn.

PERCENTAGE OF MAXIMUM YIELD EXPECTED FROM PLANTING ON DIFFERENT DATES AND AT DIFFERENT RATES										
PLANT POPULATION PER ACRE										
POPULATION	12,500	15,000	17,500	20,000	22,500	25,000	27,500	30,000	32,500	35,000
PLANTING DATE	% OF MAXIMUM YIELD EXPECTED									
APRIL 1	68	72	79	83	87	89	92	92	93	94
APRIL 10	70	76	82	86	90	92	94	94	94	95
APRIL 20	74	81	86	91	94	97	98	99	99	100
APRIL 30	75	82	87	92	95	98	98	99	100	100
MAY 9	73	79	85	89	93	95	97	97	97	97
MAY 19	66	73	78	83	86	89	90	91	91	91
MAY 29	56	63	68	73	76	79	80	81	80	78
JUNE 8	40	50	60	65	69	71	72	72	72	70

* Extrapolated figures from University of Illinois data

HOW TO USE THIS TABLE:

1. Enter the line that most closely represents the date your field was first planted. Read across the column until you are on the line closest to the actual plant population remaining.
2. Enter the line representing the date closest to replanting. Read opposite your population goal.
3. Calculate net yield by subtracting present yield potential from yield potential if replanted.
4. Determine if any yield advantage can be gained by replanting. Also, subtract the added cost of replanting (labor, fuel, chemicals) and consider potential risks involved with replanting. Keep in mind, with the Burrus 100% Free Replant Guarantee, you will qualify for free seed, free seed treatment if available, and free tech fees or equal or lesser value, if from the same technology family.