



# REPLANTING 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. Since the data in Line A was generated from hybrids with determinate ear styles, use it when considering stands for hybrids with population requirements from Group C as indicated on our Corn Planting Rates chart. Use Line B for hybrids requiring populations from Group B and use Line C for hybrids requiring populations from Group C, both of which are also on our Corn Planting Rates chart.

## PERCENTAGE OF MAXIMUM YIELD EXPECTED FROM PLANTING ON DIFFERENT DATES AND AT DIFFERENT RATES

### PLANT POPULATION PER ACRE

Line A*	14,500	17,000	19,500	22,000	24,500	27,000	29,500	32,000	34,500	37,000
Line B*	12,500	15,000	17,500	20,000	22,500	25,000	27,500	30,000	32,500	35,000
Line C*	10,500	13,000	15,500	18,000	20,500	23,000	25,500	28,000	30,500	33,000

### 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.  
**Example:** If you plant Power Plus® 4J95 AMX™\* on April 10 and 12,500 plants per acre remain, expect a yield of approximately 70% of full yield potential. (Use Line B)
2. Enter the line representing the date closest to replanting. Read opposite your population goal.  
**Example:** May 19 planting, 32,500 plant population, 91% of potential yield for Power Plus® 4J95 AMX™\*.
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.