Replanting Yield Projections

Percentage of maximum yield expected from planting on different dates and at different rates.

PLANT POPULATION PER ACRE										
LINE A*[1]	12,000	14,500	17,000	19,500	22,000	24,500	27,000	29,500	32,000	34,000
LINE B*[1]	10,000	12,500	15,000	17,500	20,000	22,500	25,000	27,500	30,000	32,500
LINE C*[1]	8,000	10,500	13,000	15,500	18,000	20,500	23,000	25,500	28,000	30,000
PLANTING DATE	**% of maximum yield**									
April 10	62	70	76	82	86	90	92	94	94	94
April 15	65	73	79	84	89	92	95	97	97	97
April 20	67	74	81	86	91	94	97	98	99	99
April 25	68	75	82	87	92	95	98	99	100	100
April 30	68	75	82	87	92	95	98	99	100	100
May 4	67	75	81	86	91	94	97	99	99	99
May 9	65	73	79	85	89	93	95	97	97	97
May 14	63	70	76	82	86	90	92	94	95	94
May 19	59	66	73	78	83	86	89	90	91	91
May 24	54	62	68	74	78	82	84	86	86	86
May 29	49	56	63	68	73	76	79	80	81	80

* Extrapolated figures from the University of Illinois chart.

[1] Refer to paragraph that describes Lines A, B and C.

This yield projection chart is a variation of a chart originally released from the University of Illinois. It more accurately estimates yield potential of the hybrids of today, as it relates 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's 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 A as indicated in our Planting Rate Guide in this book. Use line B for hybrids requiring populations from Group B which are also included in our Planting Rate Guide. Use Line C for hybrids requiring populations from Group C.

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 planted 6A27 on April 15 and 14,500 plants per acre remain, expect yield of approximately 73% of full yield potential. (Use Line A)
2. Enter the line representing date closest to replanting. Read opposite your population goal. Example: May 19 planting, 30,000 plant population, 91% of potential yield.
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 of a field. Keep in mind with Burrus/Hoblit 100% Free Replant Agreement, you will have no additional seed cost.