

Corn Planting Technology
Carrington Research Extension Center
2002

Corn Planting Technology

Treatment	Dryland		Irrigated	
	Seed yield	Test weight	Seed yield	Test weight
	lb/A	lb/bu	lb/A	lb/bu
<u>24,000 plant population</u>				
30 inch single row	93	58.3	103	54.1
30 inch twin row	93	58.1	100	53.2
15 inch single row	99	58.2	129	52.1
<u>30,000 plant population</u>				
30 inch single row	95	58.2	104	54.3
30 inch twin row	106	57.8	101	53.3
15 inch single row	93	57.8	112	52.6
<u>36,000 plant population</u>				
30 inch single row	102	57.6	107	53.5
30 inch twin row	85	56.9	107	52.7
15 inch single row	105	57.5	107	52.5
Mean	97	57.8	108	53.1
LSD (.05)	NS	NS	13	NS
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30 inch single row	97	58.0	104	54.0
30 inch twin row	95	57.6	103	53.1
15 inch single row	99	57.8	116	52.4
LSD (.05)	NS	NS	7	NS
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24,000 plant population	95	58.2	111	53.1
30,000 plant population	98	57.9	105	53.4
36,000 plant population	97	57.3	107	52.9
LSD (.05)	NS	NS	NS	NS

Planting Date: May 12, 2002

Hybrid: Pioneer: 39D81

Harvest Date: October 10, 2002

Harvest Moisture: 25%

Previous Crop: Dryland = Field Pea, Irrigated = Spring Wheat