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WINTER WHEAT SURVIVAL AND YIELD WHEN SEEDED WITH THE HOE DRILL AT A 10 INCH SPACING AND A 20 INCH SPACING.

This trial tests the effectiveness of the furrow drill for improving winter survival and yield of winter wheat in western North Dakota. In the trial, a comparison is also being made between plantings made with the drill set at a row spacing of 10 inches and plantings made with a row spacing of 20 inches.

Plantings at both spacings were made on summerfallow and on stubble land. Survival of all winter wheat seeded on summerfallow in this trial were zero. Survival of winter wheat seeded on stubble land was equal for both drill spacings and was recorded as 50%. Spot overseeding with spring wheat was necessary on both spacings.

Yields from this trial are summarized in table 26.

Table 26. Yields of Winter Wheat Seeded With The Hoe Drill at Two Spacings on Summerfallow and in Stubble.

Treatment	Yield BPA. - 1965			
	1	2	3	Average
Summerfallow:				
10 Inch Spacing (Overseeded)	33.8	25.5	29.4	29.6
20 Inch Spacing (Overseeded)	30.6	27.5	28.3	28.8
Stubble Land:				
10 Inch Spacing (Overseeded)	17.3	14.9	18.8	17.0

20 Inch Spacing (Overseeded)	22.0	18.8	17.3	19.4\

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