

## Seeding Rate Charts

This Chart is a quick guideline chart for different cereal crops

	Seeds/sq. meter	Seeds/Acre (millions)	Seeds/foot of row
<b>Spring Wheat</b>	375-425	1.5-1.7	19-22
<b>Winter Wheat</b>	375-425	1.5-1.7	19-22
<b>Durum Wheat</b>	425-550	1.7-2.2	22-28
<b>Barley</b>	325-375	1.3-1.5	17-20
<b>Oats</b>	275-325	1.1-1.3	15-18
<b>Mixed Grain</b>	300-350	1.2-1.5	16-19

This chart can be used for calibrating seed drills at various row widths

<b>Desired Plant Population seeds/acre x 1,000</b>						
	809	1,012	1,213	1,416	1,619	1,661
<b>Row Width</b>	<b>(Seeds per Foot of Row)</b>					
<b>10 in.</b>	15	19	23	27	31	34
<b>8 in.</b>	12	15	19	21	25	28
<b>7.5 in.</b>	12	14	17	20	23	26
<b>7 in.</b>	11	13	16	19	21	24
<b>6 in.</b>	9	12	14	16	18	21
<b>4 in.</b>	6	8	9	11	12	14

Determining Winter Wheat Plant Stands and expected yields.

<b>Determining Yield Potential for Various Plant Stand Counts</b>				
<b>Number of Plants</b>		<b>% Yield Potential</b>	<b>Planting Date</b>	
<b>per metre of row</b>	<b>per foot of row</b>		<b>Yield t/ha (bu/acre)</b>	
			<b>Oct. 5</b>	<b>Oct. 15</b>
<b>66</b>	20 <sup>1</sup>	100	5.34 (80)	4.84 (72)
<b>33</b>	10	95	5.11 (76)	4.57 (68)
<b>23</b>	7	90 <sup>2</sup>	4.84 (72)	4.37 (65)
<b>20</b>	6	85	4.57 (68)	4.10 (61)
<b>16</b>	5	80	4.30 (64)	3.90 (58)