

# Cereal Grains

Variety	Best Use (Grain or Forage)	Dryland Seeding Rate	Irrigated Seeding Rate	Seeding Depth (in)	Estimated Seed Count	Planting Time
<b>Oats</b>						
<b>Buffalo</b>	Grain	80 lbs/acre	100 lbs/acre	1-1.5	13,000/lb	March – May
<b>Reins</b>	Grain	80 lbs/acre	100 lbs/acre	1-1.5	13,500/lb	March – May
<b>Rushmore</b>	Grain	80 lbs/acre	100 lbs/acre	1-1.5	13,000/lb	March – May
<b>SD Momentum</b>	Grain	80 lbs/acre	100 lbs/acre	1-1.5	12,500/lb	March – May
<b>SD Ranger</b>	Grain	80 lbs/acre	100 lbs/acre	1-1.5	13,000/lb	March – May
<b>Goliath</b>	Dual-Purpose	80 lbs/acre	100 lbs/acre	1-1.5	12,000/lb	March – May
<b>Jerry</b>	Forage	80 lbs/acre	100 lbs/acre	1-1.5	12,000/lb	March – May
<b>Morton</b>	Forage	80 lbs/acre	100 lbs/acre	1-1.5	12,000/lb	March – May
<b>Barley</b>						
<b>Tradition</b>	Grain	1 1/2 bu/acre	2 bu/acre	1-1.5	14,000	March – May
<b>Milo</b>	<b>Maturity</b>	<b>Dryland Seeding Rate (lbs/acre)</b>	<b>Irrigated Seeding Rate (lbs/acre)</b>	<b>Seeding Depth (in)</b>	<b>Days to Mid-Bloom</b>	
<b>MS 5085</b>	Ultra Early	4-6	6-8	1 - 1.5	50-52	
<b>MS 5690</b>	Early	4-6	6-8	1 - 1.5	54-58	
<b>MS 6500</b>	Medium Early	4-6	6-8	1 - 1.5	64-66	
<b>Rye Grain</b>	<b>Maturity</b>	<b>Dryland Seeding Rate</b>		<b>Yield Potential</b>	<b>Winter Survival</b>	<b>Height (in)</b>
<b>Elbon</b>	Early	1-2 bu/acre		Cover Crop	Average	48-60
<b>Hazlet</b>	Medium Early	1-2 bu/acre		Cover Crop	Excellent	36-48
<b>Rise Up</b>	Early	56-112 lbs/acre		Cover Crop	Excellent	36-48
<b>Hybrid SU Performer</b>	Medium	0.8 - 1 unit/acre or 800,000 - 1,000,000 seeds/acre		Highest	Very Good	40-48
<b>Hybrid SU Perspectiv</b>	Early	0.8 - 1 unit/acre or 800,000 - 1,000,000 seeds/acre		High	Excellent	35-40

Days to Harvest	Vegetative Height (in)	Lodging Score	Origin Year	Maturity	Stem Rust	Crown Rust	BYDV Score	Avg Yield	Avg Test Weight
80-85	32	2.8	2021	Early	MR	9	4	92.5	32.5
80-85	30-36	2.7	2016	Early	R	8	4	89.5	33.6
80-85	32	2.9	2019	Early	N/A	6	3	85.1	34.8
85-90	34-38	3	2020	Medium	MR	8	4	91.2	33.3
80	40	3.6	2024	Early	R	4	3	116	34.2
80	40-50	3.1	2012	Late	R	8	4	90.8	33.8
85-90	40-48	3.3	2001	Medium	MR	6	4	88.2	32
85-90	42-50	3.6	2003	Medium	MR	7	4	89	31.9
85-90	34-38	N/A	N/A	Medium	N/A	N/A	N/A	80	48

Days to Maturity	Grain Color	Panicle Type	Standability	Head Exertion
85-90	Red	Semi-Open	5	5
90-95	Bronze	Semi-Open	4	4
98-100	Red	Semi-Open	4	5

Milo Agronomic Ratings: 1=Poor, 5=Excellent