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**CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2023**

VARIETY and plant height	Ear glaucosity	Ear density	Ear pigment	Rachilla hair type	Sterile spikelet attitude	Spicules on inner lateral nerves	Ventral furrow hair	First rachis segment	Collar	Aleurone colour	Other features
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**SIX ROW VARIETIES**

<b>BAZOOKA (HY)</b> (medium to long)	medium	medium	very weak to weak	long	n/a	strong	present	length short to medium; curvature weak	platform	weak blue	Hybrid
<b>BELFRY (HY)</b> (medium)	weak to medium	medium	absent or very weak	long	n/a	strong to very strong	present	short to medium; curvature weak	platform to shallow cup	weak blue	Hybrid
<b>BELMONT (HY)</b> (medium)	medium	medium	mixed	long	n/a	strong to very strong	present	medium length; curvature weak	platform to shallow cup	50:50 blue, white segregation	Hybrid 50:50 segregation for pigment of lemma nerves and aleurone colour
<b>FUNKY</b> (short)	strong	dense	absent to very weak	long	n/a	strong to very strong	present	short; curvature medium to strong	decurrent to platform	white	ventral furrow hair can be difficult to see
<b>KWS ASTAIRE</b> (medium)	medium to strong	medium	absent to very weak	long	n/a	medium	absent	medium to long; curvature medium to strong	no data	blue	
<b>KWS FEERIS</b> (short to medium)	strong	dense	weak	long	n/a	strong to very strong	present	short; curvature weak	decurrent to platform	white	
<b>KWS MERIDIAN</b> (medium to long)	medium to strong	medium	absent to very weak	long	n/a	strong to very strong	absent	medium; curvature strong	platform	white	
<b>LIBRA</b> (medium to long)	medium	medium	weak to medium	long	n/a	strong	present	medium; curvature weak to medium	decurrent to platform	50:50 blue, white segregation	Hybrid



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<b>SY BARACOODA (HY)</b> (long)	medium	medium to dense	medium	long	n/a	strong to very strong	present	medium; curvature medium	decurrent	50:50 blue, white segregation	Hybrid
<b>SY CANYON (HY)</b> (long)	medium	medium to dense	very weak to weak	long	n/a	strong to very strong	present	medium; curvature weak to medium	platform to shallow cup	white	Hybrid
<b>SY KINGSBARN (HY)</b> (medium to tall)	medium	medium to dense	weak	long	n/a	strong to very strong	present	medium; curvature medium	decurrent to platform	50:50 blue, white segregation	Hybrid
<b>SY KINGSTON (HY)</b> (medium to long)	weak to medium	medium	medium	long	n/a	strong to very strong	present	short; curvature weak to medium	shallow cup	white	Hybrid
<b>SY THUNDERBOLT (HY)</b> (medium to long)	medium	medium	medium to strong	long	n/a	strong to very strong	present	medium; curvature weak to medium	decurrent	white	Hybrid

**TWO ROW WINTER VARIETIES**

<b>BOLIVIA</b> (short to medium)	weak	medium	strong	long	deficiens	absent or very weak	absent	medium; curvature weak to medium	shallow cup	white	
<b>BOLTON</b> (very short)	weak	lax to medium	absent to very weak	long	deficiens	absent or very weak	absent	medium; curvature strong	cup	white	
<b>BORDEAUX</b> (medium)	medium to strong	lax	Strong	long	deficiens	absent or very weak	present	medium; curvature strong	cup	white	
<b>BUCCANEER</b> (medium)	weak to medium	medium	weak	long	deficiens	strong to very strong	absent	medium; curvature medium to strong	decurrent to platform	white	
<b>CALIFORNIA</b> (short to medium)	medium	medium	absent to very weak	long	deficiens	absent to very weak	absent	length long; curvature medium	cup	white	Palea apex square



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<b>CASSATA</b> (short to medium)	medium	medium to dense	weak	long	parallel	strong	absent	short to medium; curvature weak to medium	platform	white	
<b>CRAFT</b> (short)	medium	medium	strong	long	deficiens	strong	absent	medium; curvature strong	shallow cup	white	
<b>ELECTRUM</b> (short to medium)	medium	medium	weak to medium	long	deficiens	strong	absent	length medium; curvature medium to strong	platform to shallow cup	white	
<b>FAY</b> (short)	medium to strong	lax to medium	weak to medium	long	parallel	medium to strong	absent	medium; curvature medium to strong	shallow cup to cup	white	
<b>FLAGON</b> (medium to long)	weak to medium	lax to medium	absent to very weak	long	divergent	weak	absent	medium; curvature medium	cup	white	
<b>JORDAN</b> (short to medium)	weak to medium	very lax to lax	absent to very weak	long	deficiens	weak to medium	absent	medium to long; curvature strong	shallow cup	white	
<b>KWS CASSIA</b> (short to medium)	weak to medium	lax	absent to very weak	long	deficiens	absent to very weak	present	length short; curvature weak to medium	platform to shallow cup	blue	short rachilla length
<b>KWS CRESWELL</b> (short)	weak	lax	absent to very weak	long	deficiens	weak to medium	absent	medium to long; curvature strong	cup	white	
<b>KWS GIMLET</b> (medium)	weak to medium	very lax to lax	absent to very weak	long	deficiens	very weak to weak	absent	long; curvature strong	shallow cup	white	
<b>KWS GLACIER</b> (short to medium)	medium to strong	lax	absent to very weak	long	deficiens	absent to very weak	present	length medium; curvature medium	platform to shallow cup	blue	
<b>KWS HAWKING</b> (short to medium)	weak to medium	lax	very weak to weak	long	deficiens	very weak to weak	absent	medium to long; curvature medium to strong	shallow cup to cup	white	
<b>KWS INFINITY</b> (short to medium)	weak to medium	very lax to lax	absent to very weak	long	deficiens	very weak to weak	absent	medium; curvature medium	cup	white	



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<b>KWS ORWELL</b> (very short to short)	weak	lax	absent or very weak	long	deficiens	absent to very weak	absent	long; curvature medium	shallow cup to cup	white	Awn length shorter than ear
<b>KWS PATRIOT</b> (short to medium)	medium	medium	very weak to weak	long	deficiens	very weak to weak	absent	medium; curvature medium to strong	shallow cup	white	
<b>KWS TARDIS</b> (no height data)	medium	lax to medium	absent to very weak	short	deficiens	strong to very strong	present	medium; curvature medium to strong	decurrent	white	
<b>KWS TOWER</b> (short to medium)	weak	lax	absent to very weak	long	deficiens	weak to medium	absent	long; curvature strong	shallow cup to cup	white	Palea apex clearly notched
<b>LG CARAVELLE</b> (short to medium)	medium to strong	medium to dense	absent to very weak	long	deficiens	absent to very weak	present	short to medium; curvature weak to medium	shallow cup	white	
<b>LG DAZZLE</b> (short)	medium	lax	absent to very weak	long	deficiens	absent or very weak	absent	medium to long; curvature strong to very strong	shallow cup to cup	blue	Awn length shorter than ear
<b>LG FLYNN</b> (short to medium)	weak to medium	lax	medium to strong	long	deficiens	medium	absent	medium to long; curvature medium to strong	platform	white	
<b>LG MOUNTAIN</b> (short)	medium	medium	absent to very weak	long	deficiens	very weak to weak	present	medium; curvature medium to strong	decurrent to platform	blue	
<b>LIGHTNING</b> (short to medium)	weak to medium	very lax to lax	absent to very weak	long	deficiens	very weak to weak	absent	medium; curvature strong	platform to shallow cup	white	Awn length shorter than ear
<b>MACKIE</b> (short to medium)	weak	lax to medium	absent to very weak	long	deficiens	weak to medium	absent	medium to long; curvature strong	shallow cup	white	



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<b>MARIS OTTER</b> (short)	medium	medium	medium	long	divergent	absent to very weak	absent	medium to long; weak to medium	shallow cup	white	
<b>PEARL</b> (medium to long)	strong	medium	very weak to weak	long	divergent	medium	absent	medium; curvature medium	shallow cup to cup	blue	
<b>SOBELL</b> (no data)	medium	lax to medium	absent to very weak	long	deficiens	absent to very weak	absent	short to medium; curvature medium to strong	no data	white	
<b>SURGE</b> (very short to short)	weak	lax	absent or very weak	long	deficiens	very weak to weak	absent	medium; curvature strong	platform	weak blue	Palea apex pointed
<b>SY VENTURE</b> (short)	medium	medium	very strong	long	deficiens	strong	absent	length medium; curvature medium to strong	shallow cup	white	Bent back' first rachis.
<b>TALISMAN</b> (short to medium)	weak to medium	lax	strong	long	deficiens	weak	absent	medium to long; curvature medium to strong	no data	white	Awns shorter than ear
<b>VALERIE</b> (short to medium)	medium	medium	absent to very weak	long	parallel	absent or very weak	absent	medium; curvature medium to strong	platform to shallow cup	white	Sterile spikelets can look parallel to weakly divergent
<b>ZOPHIA</b> (no data)	medium to strong	medium to dense	medium	long	no data	strong	absent	medium; curvature medium	shallow cup	white	

**TWO ROW SPRING VARIETIES**

<b>CADIZ</b> (long)	medium to strong	lax to medium	medium	short	deficiens	absent or very weak	absent	medium to long; curvature weak	platform to shallow cup	white	
<b>CB SCORE</b> (medium to long)	medium	lax	strong	short	deficiens	absent to very weak	absent	medium; curvature very weak	platform to shallow cup	white	



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<b>CONCERTO</b> (short)	medium	medium	very weak to weak	short	divergent	very weak to weak	absent	length medium; curvature medium	platform to shallow cup	weak blue	
<b>COSMOPOLITAN</b> (no height data)	medium to strong	medium	medium to strong	long	deficiens	absent to very weak	absent	short to medium; curvature medium	cup collar	white	
<b>DIVINER</b> (short to medium)	medium to strong	medium to dense	medium	short	deficiens	absent to very weak	absent	short to medium; curvature weak	platform to shallow cup	white	
<b>FAIRING</b> (short)	medium	lax	medium to strong	long	divergent	absent to very weak	absent	medium to long; curvature medium to strong	platform	white	
<b>FAIRWAY</b> (medium)	medium to strong	lax to medium	strong	short	deficiens	absent or very weak	absent	medium; curvature medium	shallow cup	white	
<b>FIREFOXX</b> (medium to long)	medium to strong	very lax to lax	weak to medium	short	deficiens	absent or very weak	absent	long; curvature medium to strong	platform to shallow cup	white	
<b>FLORENCE</b> (very short to short)	strong	medium	medium	short	deficiens	absent to very weak	absent	short to medium; very weak	platform	white	
<b>GOLDEN PROMISE</b> (medium)	strong	lax to medium	weak to medium	long	divergent	absent to very weak	absent	medium to long; curvature very weak	platform to shallow cup	white	Has bib lodicules
<b>HACKER</b> (short to medium)	medium	medium	medium	short	divergent	absent to very weak	absent	short to medium; curvature weak to medium	cup collar	white	
<b>HURLER</b> (short to medium)	medium	medium	medium	short	deficiens	absent to very weak	absent	medium; curvature weak	platform to shallow cup	white	
<b>ICONIC</b> (long)	medium to strong	lax to medium	weak to medium	short	deficiens	absent or very weak	absent	short to medium; curvature medium to strong	platform	white	
<b>JENSEN</b> (short to medium)	medium	medium to dense	medium	short	deficiens	absent or very weak	absent	long; curvature very weak	platform to shallow cup	white	



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<b>KWS CURTIS</b> (medium)	medium to strong	medium to dense	very weak to weak	short	deficiens	absent or very weak	absent	medium; curvature weak	platform to shallow cup	white	
<b>KWS SASSY</b> (short to medium)	medium to strong	medium	very weak to weak	long	divergent	absent to very weak	absent	short to medium; curvature weak	platform to shallow cup	white	
<b>LAUREATE</b> (short)	medium to strong	medium	medium	short	deficiens	absent to very weak	absent	medium to long; curvature medium	platform to shallow cup	white	long rachilla length
<b>LG DIABLO</b> (medium)	medium to strong	lax to medium	weak to medium	short	deficiens	absent to very weak	absent	length medium; curvature weak to medium	platform to shallow cup	white	
<b>MALVERN</b> (medium)	medium	medium	weak to medium	long	deficiens	absent or very weak	absent	medium; curvature weak	shallow cup	white	
<b>PROPINO</b> (medium)	weak to medium	medium	medium	short	divergent	absent to very weak	absent	length short to medium; curvature weak	platform	white	
<b>PROSPECT</b> (medium)	strong	medium	medium	short	deficiens	absent or very weak	absent	short; curvature weak to medium	platform	white	
<b>RGT ASTEROID</b> (medium to long)	medium to strong	lax to medium	medium to strong	short	deficiens	absent to very weak	absent	length medium to long; curvature weak	platform to shallow cup	white	
<b>RGT PLANET</b> (medium)	medium to strong	lax to medium	strong	short	deficiens	absent to very weak	absent	length short to medium; curvature weak	platform	white	Bent back' first rachis
<b>SIENNA</b> (short to medium)	medium	medium	weak	short	divergent	absent to very weak	absent	length medium; curvature weak	platform to shallow cup	white	
<b>SKYWAY</b> (medium to long)	medium to strong	lax	weak to medium	short	deficiens	absent or very weak	absent	medium; curvature medium	decurrent	white	
<b>SPINNER</b> (medium)	medium	medium to dense	strong	short	deficiens	absent or very weak	absent	medium; curvature medium to strong	platform to shallow cup	white	



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<b>SUN KING</b> (medium)	medium to strong	medium to dense	medium to strong	short	deficiens	absent or very weak	absent	short to medium; curvature very weak	platform	white	
<b>SY SIGNET</b> (short to medium)	medium to strong	medium	medium	short	deficiens	absent or very weak	absent	medium to long; curvature weak	platform to shallow cup	white	
<b>SY SPLENDOR</b> (medium)	medium to strong	lax	medium	short	deficiens	absent or very weak	absent	medium to long; curvature medium	platform to shallow cup	white	
<b>SY TENNYSON</b> (short to medium)	medium to strong	medium	medium	short	deficiens	absent or very weak	absent	medium; curvature weak	platform	white	Awn length longer than ear
<b>SY TUNGSTEN</b> (medium)	strong	very lax to lax	medium	long	deficiens	absent or very weak	absent	medium to long; curvature medium	platform	white	