



CEREAL CROP INSPECTORS GUIDE TO WHEAT FIELD CHARACTERS 2019

VARIETY and plant height	Ear glaucosity	Ear density	Ear shape	Ear length	Spikelets from middle 1/3 of ear				Other features
					Lower glume external surface	Lower glume internal hair	Lower glume beak	Lower glume shoulder	
<b>Winter wheat</b>									
<b>BENNINGTON</b> (short to medium)	medium	lax to medium	tapering	medium to long	smooth	3	length medium; curvature medium	medium; elevated	thin straw wall, apical scurs long
<b>COSTELLO</b> (very short to short)	medium to strong	medium	tapering	medium	slightly rough	1+	short; curvature strong	very narrow to narrow; elevated	apical scurs short to medium, thin straw wall
<b>CRUSOE</b> (short)	absent to very weak	medium	parallel	short to medium	smooth	2+	short to medium; curvature slight to moderate	medium to broad; elevated	apical scurs medium, waxless plant, thin straw wall
<b>DUNSTON</b> (short)	medium	medium	tapering	medium to long	smooth	3	length medium; curvature slight	narrow; elevated	thin straw wall, long scurs upper quarter
<b>ELATION</b> (short)	medium to strong	medium	parallel	short to medium	smooth	1+	medium; moderately curved	medium; straight to elevated	medium to long scurs, thin straw wall
<b>ELICIT</b> (short)	medium to strong	medium to dense	parallel	medium	slightly rough	1	medium; slight to moderately curved	narrow; straight to elevated	very long scurs upper half, thin straw wall
<b>EVOLUTION</b> (short to medium)	medium	medium	parallel	medium	rough	1+	medium; strongly curved	medium; elevated	apical scurs long to very long, thin straw wall
<b>GLEAM</b> (very short)	strong	medium to dense	parallel	short to medium	smooth	3	short to medium; very slightly curved	very narrow to narrow; straight to elevated	long to very long scurs, thin straw wall
<b>GRAHAM</b> (short to medium)	strong to very strong	medium to dense	parallel	long to very long	smooth	1	short; slightly curved	narrow; straight to elevated	very short scurs, thin straw wall
<b>JB DIEGO</b> (short)	weak to medium	medium	parallel	short to medium	slightly rough	1+	length short; curvature weak to medium	width medium; elevated	apical scurs short to medium, glume beak blunt, thin straw wall
<b>KWS BARREL</b> (very short to short)	medium	medium	parallel	medium to long	smooth	3	medium; moderate to strongly curved	medium; elevated	medium length scurs, thin straw wall

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<b>KWS BASSET</b> (very short to short)	medium	medium	parallel	medium to long	smooth	1+	long; moderately curved	narrow to medium; elevated	scurs long to very long, thin straw wall
<b>KWS CRISPIN</b> (short)	medium to strong	medium	parallel	medium to long	smooth	2	medium; moderately curved	narrow to medium; elevated	short to medium scurs, thin straw wall
<b>KWS EXTASE</b> (short to medium)	medium to strong	lax to medium	tapering	medium to long	smooth	2	length short; slightly curved	narrow to medium; elevated	scurs long to very long
<b>KWS FIREFLY</b> (very short to short)	strong	medium	tapering	medium to long	slightly rough	2	length short to medium; slight to moderately curved	narrow to medium; elevated	scurs medium to long
<b>KWS JACKAL</b> (short)	strong	medium	tapering	medium	smooth	2	medium; moderately curved	narrow to medium; elevated	long to very long scurs, thin straw wall
<b>KWS KERRIN</b> (very short)	weak to medium	medium	parallel	medium	slightly rough	2	length medium; curvature medium	narrow to medium; straight to elevated	thin straw wall, medium to long scurs, upper quarter
<b>KWS LILI</b> (short)	medium to strong	dense	parallel	short to medium	slightly rough	2	short to medium; curvature slight	narrow; elevated	apical scurs medium, thin straw wall
<b>KWS SISKIN</b> (short)	strong	medium	tapering	medium	rough	1+	short to medium; slight to moderately curved	very narrow to narrow; elevated	medium scur length, thin straw wall
<b>KWS TRINITY</b> (short)	strong	lax to medium	tapering	medium	slightly rough	2	medium; curvature strong	medium; elevated	late ear emergence, apical scurs medium, thin straw wall
<b>KWS ZYATT</b> (very short)	strong	lax to medium	parallel	short to medium	<b>rough</b>	3	length short to medium; curvature slight	very narrow to narrow; elevated	thin straw wall, long apical scurs upper quarter
<b>LEEDS</b> (short to medium)	medium	lax to medium	tapering	medium to long	slightly rough	2	medium; moderately curved	narrow; elevated	apical scurs long, thin straw wall
<b>LG DETROIT</b> (short)	strong	medium to dense	tapering	medium	smooth	2	length short to medium; slight to moderately curved	medium; elevated	scurs long

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<b>LG MOTOWN</b> (very short to short)	medium to strong	medium	tapering	short	slightly rough	3	length short to medium; curvature strong	narrow; elevated	thin straw wall, medium to long scurs, upper quarter
<b>LG SKYSCRAPER</b> (short to medium)	strong	medium	parallel	medium	slightly rough	3	length medium; slight to moderately curved	narrow; elevated	Internal hair strong to whole surface. Scurs long to very long
<b>LG SPOTLIGHT</b> (short to medium)	medium	medium	tapering	medium to long	slightly rough	1	length medium; slight to moderately curved	narrow to medium; elevated	scurs medium to long
<b>LG SUNDANCE</b> (short to medium)	medium	dense	parallel	short	slightly rough	3	length medium; curvature slight to moderate	narrow; elevated	thin straw wall, long to very long apical scurs, upper quarter
<b>MYRIAD</b> (short to medium)	medium to strong	medium	parallel	medium to long	smooth	2	medium; strongly curved	medium; elevated	apical scurs long to very long, widely distributed, thin walled straw
<b>REVELATION</b> (short to medium)	medium to strong	medium	tapering	medium	slightly rough	2	medium; moderately curved	medium; elevated	apical scurs long, thin straw wall
<b>RGT GRAVITY</b> (short to medium)	medium to strong	medium	tapering	short to medium	smooth	2	medium; slight to moderately curved	medium; elevated	long scurs, thin straw wall
<b>RGT ILLUSTRIOUS</b> (very short to short)	medium	medium	parallel	medium	rough	2+	medium; slight to moderately curved	narrow to medium; elevated	medium length scurs, thin straw wall
<b>SHABRAS</b> (very short to short)	strong	medium to dense	parallel	short to medium	smooth	3	length medium; curvature medium	narrow to medium; strongly elevated to a 2nd point	thin straw wall, very long scurs in upper half
<b>SKYFALL</b> (short to medium)	strong	medium	parallel	medium	smooth	3	long to very long; curvature slight	very narrow to narrow; elevated occ. to a	bearded, thin straw wall
<b>VISCOUNT</b> (very short to short)	medium	dense	parallel	medium	slightly rough	1+	length medium; curvature medium	width medium; elevated	apical scurs medium to long, thin straw wall



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ZULU (medium)	medium	medium	parallel	medium	smooth	3	medium length; curvature slight	narrow; elevated	long apical scurs, straw wall thin

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Spring Wheat

<b>HEXHAM</b> (long)	medium to strong	lax	parallel	medium to long	smooth	3	length medium; slight to moderately curved	narrow; elevated	scurs long to very long
<b>KWS ALDERON</b> (short)	strong to very strong	lax	parallel	short	smooth	3	short; slight to moderately curved	narrow; straight	apical scurs medium, straw wall <b>intermediate</b>
<b>KWS CHILHAM</b> (medium to long)	medium to strong	lax	tapering	medium	smooth	3	length short to medium; curvature slight to moderate	narrow to medium; elevated	thin straw wall, long scurs upper quarter
<b>KWS COCHISE</b> (very long)	medium to strong	lax	tapering	medium	smooth	3	length short to medium; curvature slight	medium; elevated	thin straw wall, very long scurs upper three quarters
<b>KWS KILBURN</b> (medium)	medium to strong	very lax to lax	tapering	medium	smooth	3	short to medium; curvature slight	narrow to medium; elevated	apical scurs very long, thin straw wall
<b>KWS TALISKER</b> (long to very long)	medium to strong	lax	tapering	medium	smooth	2	length medium to long; slight to moderately	narrow; elevated	scurs long
<b>KWS WILLOW</b> (medium)	medium to strong	lax to medium	tapering	medium	smooth	3	short; curvature slight to moderate	narrow; slightly sloping to straight	apical scurs short to medium, thin straw wall
<b>MULIKA</b> (short to medium)	weak to medium	medium	parallel	medium	smooth	3	medium; moderately curved	narrow to medium; straight to elevated	apical scurs medium, straw wall thickness intermediate