



NIAB COPYRIGHT

2015 WHEAT

CEREAL CROP INSPECTORS GUIDE TO WHEAT FIELD CHARACTERS 2015

VARIETY and plant height	Ear glaucosity	Ear density	Spikelets from middle 1/3 of ear					Other features
			Lower glume external surface	Lower glume internal hair	Lower glume beak	Lower glume shoulder	Lower lemma beak	

KWS ALDERON (S) (short)	strong to very strong	lax	smooth	3	short; slight to moderately curved	narrow; straight	slightly curved	apical scurs medium to long, straw wall intermediate
ASHBY (S) (short to medium)	strong to very strong	lax to medium	smooth	3	medium; curvature medium	narrow to medium; square	short to medium; curvature weak to medium; swelling medium	STRAW WALL THICK; apical scurs short to medium; late ear emergence
BELVOIR (S) (medium)	strong to very strong	lax	smooth	3	short to medium; curvature weak; blunt	narrow; square	short; curvature weak to medium; swelling medium	apical scurs medium to long
BELUGA (W) (very short)	strong	lax to medium	rough	2	medium; moderately curved	narrow; elevated	moderately curved	
KWS TRINITY (W) (short)	strong	lax-med	slightly rough	2	medium; curvature strong	medium; elevated	no data	late ear emergence
KWS CROFT (W) (short)	strong	medium	smooth	3	medium; slightly curved	narrow; elevated	moderately curved	
KWS KIELDER (W) (short)	strong	medium	slightly rough	2	medium to long; slightly curved	very narrow to narrow; elevated	slightly curved	
DICKENS (W) (short)	strong	medium	smooth	3	medium; slightly curved	narrow; elevated	moderately curved	
DELPHI (W) (short)	strong	medium	smooth	2+	medium to long; moderate to strongly curved	narrow to medium; elevated	moderate to strongly curved	
RELAY (W) (short)	strong	medium to dense	smooth	2	medium; slightly curved	narrow; elevated	slightly curved	scurs present upper half of ear
COUGAR (W) (short)	strong	dense	smooth	1+	medium; strongly curved	narrow; elevated	strongly curved	club shaped ear.



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KWS - TARGET (W) (short)	strong	dense	slightly rough	2	medium; curvature slight to moderate	width medium; elevated	moderately curved	
ALCHEMY (W) (short to medium)	strong	lax to medium	smooth	2	length medium; curvature medium	narrow; elevated	short; curvature medium	apical scurs short; late to very late ear emergence
CLAIRE (W) (short to medium)	strong	lax to medium	smooth to slightly rough	2	length medium; curvature weak to medium	width narrow; square to elevated	medium; curvature weak to medium; swelling weak	apical scurs short to medium; ear laxer at apex and typically long
HORATIO (W) (short to medium)	strong	lax to medium	smooth	2	medium to long; moderately curved	narrow to medium; elevated	moderately curved	
SKYFALL (W) (short to medium)	strong	medium	smooth	3	long to very long; curvature slight	very narrow to narrow; elevated occ. to a second point	straight	bearded, thin straw wall
KWS - SANTIAGO (W) (very short to short)	medium to strong	medium	slightly rough	2	medium; moderately curved	width narrow to medium; elevated	moderate to strongly curved	
REFLECTION (W) (very short to short)	medium to strong	medium	smooth	3	medium; moderately curved	narrow to medium; elevated	no data	apical scurs medium
COSTELLO (W) (very short to short)	medium to strong	medium	slightly rough	1+ to -2	short; curvature strong	very narrow to narrow; elevated	no data	apical scurs short to medium
KWS KILBURN (S) (medium)	medium to strong	lax to very lax	smooth	3	short to medium; curvature slight	narrow to medium; elevated	slightly curved	apical scurs very long



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KWS GATOR (W) (short to medium)	medium to strong	lax to medium	smooth	2	medium; moderately curved	narrow; straight to elevated	slight to moderate curve	
KWS WILLOW (S) (medium)	medium to strong	lax to medium	smooth	3	short; curvature slight to moderate	narrow; straight to slightly sloping	strongly curved	
PARAGON (S) (medium)	medium to strong	lax to medium	smooth	2 + to 3	short; curvature weak; blunt tip	width medium; square to slightly sloping	short; curvature absent to weak; swelling absent to weak	apical scurs short; late ear emergence
MYRIAD (W) (short to medium)	medium to strong	medium	smooth	2	medium; strongly curved	medium; elevated	strongly curved	
REVELATION (W) (short to medium)	medium to strong	medium	slightly rough	2	medium; moderately curved	medium; elevated	moderately curved	
TYBALT (S) (short to medium)	medium to strong	medium	smooth	3	short; curvature weak	width medium; square to slightly sloping	medium to long; curvature weak; swelling weak	straw wall thin to intermediate; apical scurs short
MONTEREY (W) (short to medium)	medium to strong	medium to dense	smooth	2	medium; slight to moderately curved	medium; elevated	moderate to strongly curved	
GRAFTON (W) (short)	medium to strong	dense	rough	1+	short to medium; curvature medium to strong	width medium; elevated	curvature medium	
KWS LILI (W) (short)	medium to strong	dense	slightly rough	2	short to medium; curvature slight	narrow; elevated	no data	late ear emergence
BRITANNIA (W) (medium)	medium	lax	slightly rough	1+	medium to long; curvature weak to medium	narrow to medium; elevated	no data	apical scurs very long



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LEEDS (W) (short to medium)	medium	lax to medium	slightly rough	2	medium; moderately curved	narrow; elevated	moderately curved	
SOLSTICE (W) (medium)	medium	lax to medium	smooth	1+ to 2	short to medium; curvature medium	narrow to medium; elevated	short; curvature medium; swelling medium to strong	apical scurs short to medium, lower lemma swelling medium to strong
TWISTER (W) (medium)	medium	lax to medium	slightly rough	2	medium to long; moderate to strongly curved	narrow to medium; elevated	moderate to strongly curved	apical scurs long to very long, straw wall thin.
CORDIALE (W) (short)	medium	medium	smooth	2	short; curvature weak to medium	width medium; elevated	medium; curvature weak to medium; swelling weak	
EVOLUTION (W) (short to medium)	medium	medium	rough	1+	medium; strongly curved	medium; elevated	strongly curved to geniculate	apical scurs long to very long, thing straw wall
GRANARY (S) (short to medium)	medium	medium	smooth	3	short to medium; curvature medium	narrow to medium; straight (slightly sloping)	curvature weak	STRAW WALL THICK
CONQUEROR (W) (short to medium)	medium	medium	smooth	2	medium; moderate to strongly curved	medium; elevated	strongly curved	
ZULU (W) (medium)	medium	medium	smooth	3	medium length; curvature slight	narrow; elevated	slightly curved	long apical scurs, straw wall thin
INVICTA (W) (medium)	medium	medium	smooth	2	medium; moderately curved	medium; elevated	moderately curved	
CUBANITA (W) (short to medium)	medium	medium to dense	smooth	3	short to medium; curvature slight	narrow; elevated	slight to moderate curve	long apical scurs, straw wall thin



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GALLANT (W) (short to medium)	medium	medium to dense	smooth	3	short to medium; curvature weak	width medium; elevated	straight	
VISCOUNT (W) (very short to short)	medium	dense	slightly rough	1+	length medium; curvature medium	width medium; elevated	curvature medium	
SCOUT (W) (short to medium)	weak to medium	medium	smooth	2	length medium; curvature weak	narrow to medium; elevated	straight to weakly curved	
JB DIEGO (W) (short)	weak to medium	medium	slightly rough	1+	length short; curvature weak to medium	width medium; elevated	medium to strongly curved	
RGT CONVERSION (W) (short)	weak to medium	medium	smooth	2	long; strongly curved	narrow; elevated	no data	apical scurs long to very long
ICON (W) (short to medium)	weak to medium	medium	slightly rough	1+	medium to long; moderately curved	medium; elevated	moderately curved	apical scurs medium to long; thin straw wall
MULIKA (S) (short to medium)	weak to medium	medium	smooth	3	medium; moderately curved	narrow to medium; straight to elevated	strongly curved	straw wall thickness intermediate
PANORAMA (W) (medium)	weak to medium	lax to medium	smooth	3	short to medium; curvature weak	width narrow to medium; elevated	moderately curved	
KWS CASHEL (W) (short)	weak	medium to dense	smooth	3	medium to long; slight to moderately curved	medium; elevated	slight to moderate curve	apical scurs very long
CRUSOE (W) (short)	absent to very weak	medium	smooth	2+	short to medium; curvature slight to moderate	medium to broad; elevated	slight to moderate curve	glaucosity absent to very weak.

(W) = Winter

(S) = Spring