

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

VARIETY and plant	Ear	Ear	Ear	Rachilla	Sterile	Spicules on	Ventral	First rachis	Collar	Aleurone	Other
height	glaucosity	density	pigment	hair type	spikelet	inner lateral	furrow hair	segment		colour	features
					attitude	nerves					
SIX ROW VARIETIES	S										
								length short to			
BAZOOKA (HY)			very weak					medium;			
(medium to long)	medium	medium	to weak	long	n/a	strong	present	curvature weak	platform	weak blue	Hybrid
BELFRY (HY)	weak to		absent or			strong to very		short to medium;	platform to		
(medium)	medium	medium	very weak	long	n/a	strong	present	curvature weak	shallow cup	weak blue	Hybrid
BELMONT (HY) (medium)	medium	medium	mixed	long	n/a	strong to very	present	medium length;	platform to shallow cup	50:50 blue, white segregation	Hybrid 50:50 segregation for pigment of lemma nerves and aleurone colour
(medium)	meatum	medium	IIIIXCG	long	11/ α	strong	present	cui vature weak	shanow cup	segregation	Coloui
FUNKY (short)	strong	dense	absent to	long	n/a	strong to very	present	short; curvature medium to strong	decurrent to	white	ventral furrow hair can be difficult to see
(SHOT)	buong	Gense	, ery , eur	iong	11/ 11	suong	present	medium to long;	pianomi	***************************************	
KWS ASTAIRE	medium to		absent to					curvature medium			
(medium)	strong	medium	very weak	long	n/a	medium	absent	to strong	no data	blue	
KWS FEERIS						strong to very		short;	decurrent to		
(short to medium)	strong	dense	weak	long	n/a	strong	present	curvature weak	platform	white	
KWS MERIDIAN	medium to		absent to			strong to very		medium;			
(medium to long)	strong	medium	very weak	long	n/a	strong	absent	curvature strong	platform	white	
LIBRA (medium to long)	medium	medium	weak to	long	n/a	strong	present	medium; curvature weak to medium	decurrent to	50:50 blue, white segregation	Hybrid
(meanin to long)	meanum	medium	medium	iong	11/ a	suong	present	meatum	Piationii	segregation	TTYUTTU

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CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2023											
VARIETY and plant	Ear	Ear	Ear	Rachilla	Sterile	Spicules on	Ventral	First rachis	Collar	Aleurone	Other
height	glaucosity	density	pigment	hair type	spikelet	inner lateral	furrow hair	segment		colour	features
					attitude	nerves					
SY BARACOODA										50:50 blue,	
(HY)		medium to				strong to very		medium;		white	
(long)	medium	dense	medium	long	n/a	strong	present	curvature medium	decurrent	segregation	Hybrid
								medium;			
SY CANYON (HY)		medium to	very weak			strong to very		curvature weak to	platform to		
(long)	medium	dense	to weak	long	n/a	strong	present	medium	shallow cup	white	Hybrid
SY KINGSBARN										50:50 blue,	
(HY)		medium to				strong to very		medium;	decurrent to	white	
(medium to tall)	medium	dense	weak	long	n/a	strong	present	curvature medium	platform	segregation	Hybrid

#### short; SY KINGSTON (HY) weak to strong to very curvature weak to medium white (medium to long) medium medium long n/a strong present medium shallow cup Hybrid SY THUNDERBOLT medium; (HY) medium to strong to very curvature weak to

strong

present

medium

decurrent

white

Hybrid

n/a

#### TWO ROW WINTER VARIETIES

medium

medium

(medium to long)

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

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strong

long



CEREAL CROP INSP	ight glaucosity density pigment hair type spikelet inner lateral nerves furrow hair segment													
VARIETY and plant							Ventral	First rachis	Collar	Aleurone	Other			
height	glaucosity	density	pigment	hair type	-	inner lateral	furrow hair	segment		colour	features			
					attitude	nerves								
								short to medium;						
CASSATA (short		medium to						curvature weak to						
to medium)	medium	dense	weak	long	parallel	strong	absent	medium	platform	white				
CRAFT								medium;						
(short)	medium	medium	strong	long	deficiens	strong	absent	curvature strong	shallow cup	white				
								length medium;						
ELECTRUM			weak to					curvature medium	platform to					
(short to medium)	medium	medium	medium	long	deficiens	strong	absent	to strong	shallow cup	white				
								medium;						
FAY	medium to	lax to	weak to			medium to		curvature medium	shallow cup to					
(short)	strong	medium	medium	long	parallel	strong	absent	to strong	cup	white				
FLAGON (medium	weak to	lax to	absent to					medium;						
to long)	medium	medium	very weak	long	divergent	weak	absent	curvature medium	cup	white				
JORDAN (short	weak to	very lax to	absent to			weak to		medium to long;						
to medium)	medium	lax	very weak	long	deficiens	medium	absent	curvature strong	shallow cup	white				
,								length short;						
KWS CASSIA	weak to		absent to			absent to very		curvature weak to	platform to		short rachilla			
(short to medium)	medium	lax	very weak	long	deficiens	weak	present	medium	shallow cup	blue	length			
KWS CRESWELL			absent to			weak to		medium to long;						
(short)	weak	lax	very weak	long	deficiens	medium	absent	curvature strong	cup	white				
KWS GIMLET	weak to	very lax to	absent to			very weak to		long;						
(medium)	medium	lax	very weak	long	deficiens	weak	absent	curvature strong	shallow cup	white				
KWS GLACIER	medium to		absent to			absent to very		length medium;	platform to					
(short to medium)	strong	lax	very weak	long	deficiens	weak	present	curvature medium	shallow cup	blue				
,			ĺ					medium to long;	•					
KWS HAWKING	weak to		very weak			very weak to		curvature medium	shallow cup to					
(short to medium)	medium	lax	to weak	long	deficiens	weak	absent	to strong	cup	white				
,	weak to	very lax to	absent to	, ,		very weak to		medium;						
to medium)	medium	lax	very weak	long	deficiens	weak	absent	curvature medium	cup	white				

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Collar

Aleurone

Other

First rachis

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# CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2023 VARIETY and plant | Ear | Ear | Rachilla | Sterile | Spicules on | Ventral | Inner lateral | Ear | E

height	glaucosity	density	pigment	hair type	spikelet	inner lateral	furrow hair	segment	Conar	colour	features
neight	gladeosity	uclisity	pigment	nan type	attitude	nerves	rurrow nan	segment		colour	reatures
											Awn length
KWS ORWELL			absent or			absent to very		long;	shallow cup to		shorter than
(very short to short)	weak	lax	very weak	long	deficiens	weak	absent	curvature medium	cup	white	ear
								medium;			
KWS PATRIOT (short			very weak			very weak to		curvature medium			
to medium)	medium	medium	to weak	long	deficiens	weak	absent	to strong	shallow cup	white	
								medium;			
KWS TARDIS		lax to	absent to			strong to very		curvature medium			
(no height data)	medium	medium	very weak	short	deficiens	strong	present	to strong	decurrent	white	
											Palea apex
KWS TOWER			absent to			weak to		long;	shallow cup to		clearly
(short to medium)	weak	lax	very weak	long	deficiens	medium	absent	curvature strong	cup	white	notched
								short to medium;			
LG CARAVELLE	medium to	medium to	absent to			absent to very		curvature weak to			
(short to medium)	strong	dense	very weak	long	deficiens	weak	present	medium	shallow cup	white	
								medium to long;			Awn length
			absent to			absent or very		curvature strong to	shallow cup to		shorter than
LG DAZZLE (short)	medium	lax	very weak	long	deficiens	weak	absent	very strong	cup	blue	ear
								medium to long;			
LG FLYNN	weak to		medium to					curvature medium			
(short to medium)	medium	lax	strong	long	deficiens	medium	absent	to strong	platform	white	
								medium;			
LG MOUNTAIN			absent to			very weak to		curvature medium	decurrent to		
(short)	medium	medium	very weak	long	deficiens	weak	present	to strong	platform	blue	
											Awn length
•	weak to	very lax to	absent to			very weak to		medium;	platform to		shorter than
,	medium	lax	very weak	long	deficiens	weak	absent	curvature strong	shallow cup	white	ear
MACKIE (short		lax to	absent to			weak to		medium to long;			
to medium)	weak	medium	very weak	long	deficiens	medium	absent	curvature strong	shallow cup	white	

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CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2023												
VARIETY and plant	Ear	Ear	Ear	Rachilla	Sterile	Spicules on	Ventral	First rachis	Collar	Aleurone	Other	
height	glaucosity	density	pigment	hair type	spikelet	inner lateral	furrow hair	segment		colour	features	
					attitude	nerves						
MARIS OTTER						absent to very		medium to long;				
(short)	medium	medium	medium	long	divergent	weak	absent	weak to medium	shallow cup	white		
PEARL (medium			very weak					medium;	shallow cup to			
to long)	strong	medium	to weak	long	divergent	medium	absent	curvature medium	cup	blue		
								short to medium;				
SOBELL (no		lax to	absent to			absent to very		curvature medium				
data)	medium	medium	very weak	long	deficiens	weak	absent	to strong	no data	white		
SURGE			absent or			very weak to		medium;			Palea apex	
(very short to short)	weak	lax	very weak	long	deficiens	weak	absent	curvature strong	platform	weak blue	pointed	
								length medium;				
SY VENTURE								curvature medium			Bent back' first	
(short)	medium	medium	very strong	long	deficiens	strong	absent	to strong	shallow cup	white	rachis.	
								medium to long;				
TALISMAN (short	weak to							curvature medium			Awns shorter	
to medium)	medium	lax	strong	long	deficiens	weak	absent	to strong	no data	white	than ear	
											Sterile	
											spikelets can	
								medium;			look parallel to	
VALERIE			absent to			absent or very		curvature medium	platform to		weakly	
(short to medium)	medium	medium	very weak	long	parallel	weak	absent	to strong	shallow cup	white	divergent	
<b>ZOPHIA</b> (no	medium to	medium to						medium;				
data)	strong	dense	medium	long	no data	strong	absent	curvature medium	shallow cup	white		

#### TWO ROW SPRING VARIETIES

1 11 0 110 11 DI 1111 10 1											
CADIZ	medium to	lax to				absent or very		medium to long;	platform to		
(long)	strong	medium	medium	short	deficiens	weak	absent	curvature weak	shallow cup	white	
CB SCORE						absent to very		medium;	platform to		
(medium to long)	medium	lax	strong	short	deficiens	weak	absent	curvature very weak	shallow cup	white	

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#### CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2023 VARIETY and plant Ear Ear Ear Rachilla Sterile Spicules on Ventral First rachis Collar Aleurone Other height glaucosity density pigment hair type spikelet inner lateral furrow hair segment colour features attitude nerves CONCERTO very weak very weak to length medium; platform to (short) medium medium to weak short divergent weak absent curvature medium shallow cup weak blue COSMOPOLITAN medium to medium to absent to very short to medium; (no height data) medium deficiens white strong strong long weak absent curvature medium cup collar DIVINER (short medium to platform to medium to absent to very short to medium; to medium) strong dense medium short deficiens weak absent curvature weak shallow cup white medium to long; medium to absent to very curvature medium FAIRING (short) medium lax long absent to strong platform white strong divergent weak **FAIRWAY** medium to lax to absent or very medium: (medium) medium deficiens absent curvature medium shallow cup white strong strong short weak long; FIREFOXX medium to very lax to weak to absent or very curvature medium platform to strong (medium to long) lax medium short deficiens weak absent to strong shallow cup white FLORENCE absent to very short to medium; (very absent short to short) medium medium short deficiens weak very weak platform white strong GOLDEN PROMISE lax to weak to absent to very medium to long; platform to Has bib (medium) medium medium curvature very weak shallow cup white lodicules strong long divergent weak absent short to medium; HACKER curvature weak to absent to very (short to medium) medium short absent medium white medium medium divergent weak cup collar HURLER medium; platform to (short absent to very to medium) medium medium medium short deficiens weak absent curvature weak shallow cup white short to medium: lax to medium to weak to absent or very curvature medium **ICONIC** (long) strong medium medium short deficiens weak absent to strong platform white JENSEN (short medium to absent or very long; platform to

weak

absent

white

curvature very weak shallow cup

deficiens

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medium

short

dense

medium

to medium)



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						Spicules on	Ventral	First rachis	Collar	Aleurone	Other			
height	glaucosity	density	pigment	hair type	spikelet	inner lateral	furrow hair	segment		colour	features			
J	•	,			attitude	nerves								
KWS CURTIS	medium to	medium to	very weak			absent or very		medium;	platform to					
(medium)	strong	dense	to weak	short	deficiens	weak	absent	curvature weak	shallow cup	white				
KWS SASSY (short	medium to		very weak			absent to very		short to medium;	platform to					
to medium)	strong	medium	to weak	long	divergent	weak	absent	curvature weak	shallow cup	white				
LAUREATE	medium to					absent to very		medium to long;	platform to		long rachilla			
(short)	strong	medium	medium	short	deficiens	weak	absent	curvature medium	shallow cup	white	length			
								length medium;						
LG DIABLO	medium to	lax to	weak to			absent to very		curvature weak to	platform to					
(medium)	strong	medium	medium	short	deficiens	weak	absent	medium	shallow cup	white				
MALVERN			weak to			absent or very		medium;						
(medium)	medium	medium	medium	long	deficiens	weak	absent	curvature weak	shallow cup	white				
								length short to						
PROPINO	weak to					absent to very		medium;						
(medium)	medium	medium	medium	short	divergent	weak	absent	curvature weak	platform	white				
								short;						
PROSPECT						absent or very		curvature weak to						
(medium)	strong	medium	medium	short	deficiens	weak	absent	medium	platform	white				
,								length medium to						
RGT ASTEROID	medium to	lax to	medium to			absent to very		long; curvature	platform to					
(medium to long)	strong	medium	strong	short	deficiens	weak	absent	weak	shallow cup	white				
								length short to	Î					
RGT PLANET	medium to	lax to				absent to very		medium;			Bent back' first			
(medium)	strong	medium	strong	short	deficiens	weak	absent	curvature weak	platform	white	rachis			
SIENNA						absent to very		length medium;	platform to					
(short to medium)	medium	medium	weak	short	divergent	weak	absent	curvature weak	shallow cup	white				
SKYWAY	medium to		weak to		<u> </u>	absent or very		medium;	Î					
(medium to long)	strong	lax	medium	short	deficiens	weak	absent	curvature medium	decurrent	white				
								medium;						
		medium to				absent or very		curvature medium	platform to					
SPINNER (medium)	medium	dense	strong	short	deficiens	weak	absent	to strong	shallow cup	white				
		1			1									

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VARIETY and plant	Ear	Ear	Ear	Rachilla	Sterile	Spicules on	Ventral	First rachis	Collar	Aleurone	Other
height	glaucosity	density	pigment	hair type	spikelet	inner lateral	furrow hair	segment		colour	features
					attitude	nerves					
SUN KING	medium to	medium to	medium to			absent or very		short to medium;			
(medium)	strong	dense	strong	short	deficiens	weak	absent	curvature very weak	platform	white	
SY SIGNET (short	medium to					absent or very		medium to long;	platform to		
to medium)	strong	medium	medium	short	deficiens	weak	absent	curvature weak	shallow cup	white	
SY SPLENDOR	medium to					absent or very		medium to long;	platform to		
(medium)	strong	lax	medium	short	deficiens	weak	absent	curvature medium	shallow cup	white	
SY TENNYSON (short	medium to					absent or very		medium;			Awn length
to medium)	strong	medium	medium	short	deficiens	weak	absent	curvature weak	platform	white	longer than ear
SY TUNGSTEN		very lax to				absent or very		medium to long;			
(medium)	strong	lax	medium	long	deficiens	weak	absent	curvature medium	platform	white	

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