

NIAB COPYRIGHT CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2022

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
SIX ROW VARIETIE	S				attituut	iici ves					
BAZOOKA (HY) (medium to long) BELFRY (HY)	medium weak to	medium	very weak to weak absent or	long	n/a	strong strong to very	PRESENT	length short to medium; curvature weak short to medium;	platform platform to	weak blue	Hybrid
(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 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
FUNKY (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
KWS ASTAIRE (medium)	medium to strong	medium	absent to very weak	long	n/a	medium	ABSENT	medium to long; curvature medium to strong	no data	blue	
KWS FEERIS (short to medium)	strong	dense	weak	long	n/a	strong to very strong	PRESENT	short; curvature weak	decurrent to platform	white	
LIBRA (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
SY BARACOODA (HY) (long)	medium	medium to dense	medium	long	n/a	strong to very strong	PRESENT	medium; curvature medium	decurrent	50:50 blue, white segregation	Hybrid

2022 BARLEY



CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2022

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					
								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 to long)	medium	medium	medium	long	n/a	strong	PRESENT	medium	shallow cup	white	Hybrid
SY THUNDERBOLT								medium;			
(HY)			medium to			strong to very		curvature weak to			
(medium to long)	medium	medium	strong	long	n/a	strong	PRESENT	medium	no data	white	Hybrid

TWO ROW WINTER VARIETIES

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	
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
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	
JORDAN (sh	ort 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	

2022 BARLEY



2022 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2022

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					
								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	
								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	
											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
								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	



2022 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2022

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					
								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	
LIGHTNING (short	weak to	very lax to	absent to			very weak to		medium;	platform to		Awn length shorter than
to medium)	medium	lax	very weak	long	DEFICIENS	weak	ABSENT	curvature strong	shallow cup	white	ear
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
SY VENTURE								length medium; curvature medium			Bent back' first
(short)	medium	medium	very strong	long	DEFICIENS	strong	ABSENT	to strong	shallow cup	white	rachis.
								medium;			Sterile spikelets can 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

TWO ROW SPRING VARIETIES

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
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)	strong	medium	strong	long	DEFICIENS	weak	ABSENT	curvature medium	cup collar	white
								medium to long;		
			medium to			absent to very		curvature medium		
FAIRING (short)	medium	lax	strong	long	divergent	weak	ABSENT	to strong	platform	white



2022 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2022

VARIETY and	l 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					
FAIRWAY		medium to	lax to				absent or very		medium;			
(medium)		strong	medium	strong	SHORT	DEFICIENS	weak	ABSENT	curvature medium	shallow cup	white	
									long;			
FIREFOXX		medium to	very lax to	weak to			absent or very		curvature medium	platform to		
(medium to long	g)	strong	lax	medium	SHORT	DEFICIENS	weak	ABSENT	to strong	shallow cup	white	
									short to medium;			
HACKER							absent to very		curvature weak to			
(short to mediur	n)	medium	medium	medium	SHORT	divergent	weak	ABSENT		cup collar	white	
									short to medium;			
		medium to	lax 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		longi	platform to		
to medium)	`	medium		medium	SHORT	DEFICIENS	weak	ABSENT	long; curvature very weak	1	white	
KWS SASSY			uense		SHOKI	DEFICIENS		ADSENI	2		winte	
	(snort	medium to		very weak	1	dimonoon4	absent to very	ADGENIT	short to medium;	platform to		
to medium) LAUREATE		strong medium to	medium	to weak	long	divergent	weak absent to very	ABSENT	curvature weak medium to long;	shallow cup platform to	white	long rachilla
					SHORT	DEFICIENS	-	ABSENT	curvature medium	^		-
(short)		strong	medium	medium	SHOKI	DEFICIENS	weak	ADSENI	length medium;	shallow cup	white	length
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		suong	meann	weak to	SHOKI	DEFICIENS	absent or verv		medium:	shanow cup	winte	
(medium)		medium	medium	medium	long	DEFICIENS	weak	ABSENT	curvature weak	shallow cup	white	
(incutatil)		meurum	mearann	meanan	iong	DEFICIENTS	weak	TIDDEI (1	length short to	shanow cup	winte	
PROPINO		weak to					absent to very		medium;			
(medium)		medium	medium	medium	SHORT	divergent	weak	ABSENT	curvature weak	platform	white	
(meanin)		mourum	moutum	mourum		ar, er gent	meun		short;	Platform	winte	
PROSPECT							absent or very		curvature weak to			
(medium)		strong	medium	medium	SHORT	DEFICIENS	weak	ABSENT		platform	white	



CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2022

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					
								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			
RGT PLANET	medium to	lax to				absent to very		medium;			Bent back' first
(medium)	strong	medium	strong	SHORT	DEFICIENS	weak	ABSENT	curvature weak	no data	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			absent or very		medium;			
(medium to long)	strong	lax	medium	SHORT	DEFICIENS	weak	ABSENT	curvature medium	no data	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	
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 TUNGSTEN		very lax to				absent or very		medium to long;			
(medium)	strong	lax	medium	long	DEFICIENS	weak	ABSENT	curvature medium	platform	white	

2022 BARLEY