



NIAB COPYRIGHT

2021 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2021

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

SIX ROW VARIETIES

BAZOOKA (medium to long)	medium	medium	very weak to weak	long	n/a	PRESENT	strong	length short to medium; curvature weak	platform	weak blue	Hybrid
BELFRY (medium)	medium	weak to medium	absent or very weak	long	n/a	PRESENT	strong to very strong	short to medium; curvature weak	platform to shallow cup	weakly coloured	Hybrid
BELMONT (medium)	medium	medium	mixed	long	n/a	PRESENT	strong to very strong	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)	dense	strong	absent to very weak	long	n/a	PRESENT	strong to very strong	short; curvature medium to strong	decurent to platform	white	ventral furrow hair can be difficult to see
KWS ASTAIRE (medium)	medium	medium to strong	absent to very weak	long	n/a	ABSENT	medium	medium to long; curvature medium to strong	no data	blue	Not recommended
LIBRA (medium to long)	medium	medium	weak to medium	long	n/a	PRESENT	strong	medium; curvature weak to medium	decurent to platform	50:50 blue, white segregation	Hybrid
SY BARACOODA (long)	medium to dense	medium	medium	long	n/a	PRESENT	strong to very strong	medium; curvature medium	decurent	50:50 blue, white segregation	Hybrid



NIAB COPYRIGHT

2021 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2021

VARIETY and plant height	Ear density	Ear glaucosity	Ear pigment	Rachilla hair type	Sterile spikelet attitude	Ventral furrow hair	Spicules on inner lateral nerves	First rachis segment	Collar	Aleurone colour	Other features
SY KINGSBARN (medium to tall)	medium to dense	medium	weak	long	n/a	PRESENT	strong to very strong	medium; curvature medium	decurrent to platform	50:50 blue, white segregation	Hybrid
SY KINGSTON	medium	n/a	medium	LONG	n/a	PRESENT	strong to very strong	short; curvature weak to medium	shallow cup	white	Hybrid
SY THUNDERBOLT	medium	n/a	medium to strong	LONG	n/a	PRESENT	strong to very strong	medium; curvature weak to medium	n/a	white	Hybrid

TWO ROW VARIETIES (Winter)

BOLTON (very short)	lax to medium	no data	absent to very weak	long	DEFICIENS	ABSENT	absent or very weak	medium; curvature strong	no data	white	
BORDEAUX (medium)	lax	medium to strong	Strong	long	DEFICIENS	PRESENT	absent or very weak	medium; curvature strong	no data	white	
CADIZ (S) (long)	lax to medium	medium to strong	medium	SHORT	DEFICIENS	ABSENT	absent or very weak	medium to long; curvature weak	platform to shallow cup	white	
CALIFORNIA (short to medium)	medium	medium	absent to very weak	long	DEFICIENS	ABSENT	absent to very weak	length long; curvature medium	cup	white	Palea apex square
CONCERTO (S) (short)	medium	medium	very weak to weak	SHORT	divergent	ABSENT	very weak to weak	length medium; curvature medium	platform to shallow cup	weak blue	Not recommended
COSMOPOLITAN(S) (no height data)	medium	medium to strong	medium to strong	long	DEFICIENS	ABSENT	absent to very weak	short to medium; curvature medium	cup collar	white	
CRAFT (short)	medium	medium	strong	long	DEFICIENS	ABSENT	strong	medium; curvature strong	shallow cup	white	
ELECTRUM (short to medium)	medium	medium	weak to medium	long	DEFICIENS	ABSENT	strong	length medium; curvature medium to strong	platform to shallow cup	white	



NIAB COPYRIGHT

2021 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2021

VARIETY and plant height	Ear density	Ear glaucosity	Ear pigment	Rachilla hair type	Sterile spikelet attitude	Ventral furrow hair	Spicules on inner lateral nerves	First rachis segment	Collar	Aleurone colour	Other features
FAIRING (S) (short)	lax	medium	medium to strong	long	divergent	ABSENT	absent to very weak	medium to long; curvature medium to strong	platform	white	
FAIRWAY (S) (medium)	lax to medium	medium to strong	strong	SHORT	DEFICIENS	ABSENT	absent or very weak	medium; curvature medium	shallow cup	white	
FAY (short)	lax to medium	medium to strong	weak to medium	long	parallel	ABSENT	medium to strong	medium; curvature medium to strong	shallow cup to cup	white	Not recommended
FIREFOXX (S) (medium to long)	very lax to lax	medium to strong	weak to medium	SHORT	DEFICIENS	ABSENT	absent or very weak	long; curvature medium to strong	platform to shallow cup	white	
HACKER (S) (short to medium)	medium	medium	medium	SHORT	divergent	ABSENT	absent to very weak	short to medium; curvature weak to medium	cup collar	white	Not recommended
ICONIC (S) (long)	lax to medium	medium to strong	weak to medium	SHORT	DEFICIENS	ABSENT	absent or very weak	short to medium; curvature medium to strong	platform	white	
JORDAN (short to medium)	very lax to lax	weak to medium	absent to very weak	long	DEFICIENS	ABSENT	weak to medium	medium to long; curvature strong	shallow cup	white	
KWS CASSIA (short to medium)	lax	weak to medium	absent to very weak	long	DEFICIENS	PRESENT	absent to very weak	length short; curvature weak to medium	platform to shallow cup	blue	short rachilla length
KWS CRESWELL (short)	lax	weak	absent to very weak	long	DEFICIENS	ABSENT	weak to medium	medium to long; curvature strong	cup	white	
KWS GIMLET (medium)	very lax to lax	weak to medium	absent to very weak	long	DEFICIENS	ABSENT	very weak to weak	long; curvature strong	shallow cup	white	
KWS GLACIER (short to medium)	lax	medium to strong	absent to very weak	long	DEFICIENS	PRESENT	absent to very weak	length medium; curvature medium	platform to shallow cup	blue	Not recommended



NIAB COPYRIGHT

2021 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2021

VARIETY and plant height	Ear density	Ear glaucosity	Ear pigment	Rachilla hair type	Sterile spikelet attitude	Ventral furrow hair	Spicules on inner lateral nerves	First rachis segment	Collar	Aleurone colour	Other features
KWS HAWKING (short to medium)	lax	weak to medium	very weak to weak	long	DEFICIENS	ABSENT	very weak to weak	medium to long; curvature medium to strong	shallow cup to cup	white	
KWS ORWELL (very short to short)	lax	weak	absent or very weak	long	DEFICIENS	ABSENT	absent to very weak	long; curvature medium	shallow cup to cup	white	Awn length shorter than ear
KWS PATRIOT (short to medium)	medium	medium	very weak to weak	long	DEFICIENS	ABSENT	very weak to weak	medium; curvature medium to strong	shallow cup	white	Not recommended
KWS SASSY (S) (short to medium)	medium	medium to strong	very weak to weak	long	divergent	ABSENT	absent to very weak	short to medium; curvature weak	platform to shallow cup	white	
KWS TARDIS (no height data)	lax to medium	medium	absent to very weak	SHORT	DEFICIENS	PRESENT	medium	medium; curvature medium to strong	decurrent	white	
KWS TOWER (short to medium)	lax	weak	absent to very weak	long	DEFICIENS	ABSENT	weak to medium	long; curvature strong	shallow cup to cup	white	Palea apex clearly notched
LAUREATE (S) (short)	medium	medium to strong	medium	SHORT	DEFICIENS	ABSENT	absent to very weak	medium to long; curvature medium	platform to shallow cup	white	long rachilla length
LG DIABLO (S) (medium)	lax to medium	medium to strong	weak to medium	SHORT	DEFICIENS	ABSENT	absent to very weak	length medium; curvature weak to medium	platform to shallow cup	white	
LG FLYNN (short to medium)	lax	weak to medium	medium to strong	long	DEFICIENS	ABSENT	medium	medium to long; curvature medium to strong	platform	white	
LG MOUNTAIN (short)	medium	medium	absent to very weak	long	DEFICIENS	PRESENT	very weak to weak	medium; curvature medium to strong	decurrent to platform	BLUE	



NIAB COPYRIGHT

2021 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2021

VARIETY and plant height	Ear density	Ear glaucosity	Ear pigment	Rachilla hair type	Sterile spikelet attitude	Ventral furrow hair	Spicules on inner lateral nerves	First rachis segment	Collar	Aleurone colour	Other features
PROPINO (S) (medium)	medium	weak to medium	medium	SHORT	divergent	ABSENT	absent to very weak	length short to medium; curvature weak	platform	white	
PROSPECT (S) (medium)	medium	strong	medium	SHORT	DEFICIENS	ABSENT	absent or very weak	short; curvature weak to medium	platform	white	
RGT ASTEROID (S) (medium to long)	lax to medium	medium to strong	medium to strong	SHORT	DEFICIENS	ABSENT	absent to very weak	length medium to long; curvature weak	platform to shallow cup	white	Not recommended
RGT PLANET (S) (medium)	lax to medium	medium to strong	strong	SHORT	DEFICIENS	ABSENT	absent to very weak	length short to medium; curvature weak	no data	white	Bent back' first rachis
SIENNA (S) (short to medium)	medium	medium	weak	SHORT	divergent	ABSENT	absent to very weak	length medium; curvature weak	platform to shallow cup	white	
SKYWAY (S) (no height data)	lax	medium to strong	weak to medium	SHORT	DEFICIENS	ABSENT	absent or very weak	medium; curvature medium	no data	white	
SURGE (very short to short)	lax	weak	absent or very weak	long	DEFICIENS	ABSENT	very weak to weak	medium; curvature strong	platform	weak blue	Palea apex pointed
SY SPLENDOR (S) (medium)	lax	medium to strong	medium	SHORT	DEFICIENS	ABSENT	absent or very weak	medium to long; curvature medium	platform to shallow cup	white	
SY TUNGSTEN (S) (medium)	very lax to lax	strong	medium	long	DEFICIENS	ABSENT	absent or very weak	medium to long; curvature medium	platform	white	
SY VENTURE (short)	medium	medium	very strong	long	DEFICIENS	ABSENT	strong	length medium; curvature medium to strong	shallow cup	white	Bent back' first rachis. Not recommended



NIAB COPYRIGHT

2021 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2021

VARIETY and plant height	Ear density	Ear glaucosity	Ear pigment	Rachilla hair type	Sterile spikelet attitude	Ventral furrow hair	Spicules on inner lateral nerves	First rachis segment	Collar	Aleurone colour	Other features
VALERIE (short to medium) (S) Spring	medium	medium	absent to very weak	long	parallel	ABSENT	absent or very weak	medium; curvature medium to strong	platform to shallow cup	whitish	Sterile spikelets can look parallel to weakly divergent