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2018 BARLEY

CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2018

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 (Winter)											
SUNNINGDALE (HY) (short to medium)	medium	medium	absent to very weak	long	n/a	ABSENT	strong	medium length; curvature medium	shallow cup	weak blue	Hybrid
BELMONT (HY) (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
BAZOOKA (HY) (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 (HY) (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
LIBRA (HY) (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
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	



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TWO ROW VARIETIES (Winter)

SURGE (very short to short)	lax	weak	absent or very weak	long	DEFICIENS	ABSENT	very weak to weak	medium; curvature strong	platform	weak blue	
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	
KWS CRESWELL (short)	lax	weak	absent to very weak	long	DEFICIENS	ABSENT	weak to medium	medium to long; curvature strong	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 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	
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	
CALIFORNIA (short to medium)	medium	medium	absent to very weak	long	DEFICIENS	ABSENT	absent to very weak	length long; curvature medium	cup	white	
KWS INFINITY (short to medium)	very lax to lax	weak to medium	absent to very weak	long	DEFICIENS	ABSENT	very weak to weak	length medium; curvature medium	cup	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
TALISMAN (short to medium)	lax	weak to medium	strong	long	DEFICIENS	ABSENT	weak	length medium to long; curvature medium to strong	shallow cup	white	awns shorter than ear
CRAFT (short)	medium	medium	strong	long	DEFICIENS	ABSENT	strong	medium; curvature strong	shallow cup	white	



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COREF (short)	medium	medium to strong	absent or very weak	long	DEFICIENS	ABSENT	strong	medium; curvature medium	shallow cup to cup	white	
ELECTRUM	medium	medium	weak to medium	long	DEFICIENS	ABSENT	strong	length medium; curvatrue medium to strong	platform to shallow cup	white	

TWO ROW VARIETIES (Spring)

LAUREATE (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
KWS SASSY (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	
HACKER (short to medium)	medium	medium	medium	SHORT	divergent	ABSENT	absent to very weak	short to medium; curvature weak to medium	cup collar	white	
PROPINO (medium)	medium	weak to medium	medium	SHORT	divergent	ABSENT	absent to very weak	length short to medium; curvature weak	platform	white	
OLYMPUS (very short)	lax	strong	medium	SHORT	DEFICIENS	ABSENT	absent to very weak	length medium; curvature weak	shallow cup to cup	white	
FAIRING (short)	lax	medium	medium to strong	long	divergent	ABSENT	absent to very weak	medium to long; curvature medium to strong	platform	white	
CONCERTO (short)	medium	medium	very weak to weak	SHORT	divergent	ABSENT	very weak to weak	length medium; curvature medium	platform to shallow cup	weak blue	
KWS IRINA (short to medium)	medium	medium to strong	medium to strong	long	DEFICIENS	ABSENT	absent to very weak	short to medium; curvature medium	decurrent to platform	white	
SCHOLAR (very short)	lax	medium to strong	weak	long	DEFICIENS	ABSENT	absent to very weak	length medium; curvature medium to strong	platform to shallow cup	white	
RGT PLANET (medium)	lax to medium	medium to strong	strong	SHORT	DEFICIENS	ABSENT	absent to very weak	length short to medium; curvature weak	no data	white	



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SIENNA (short to medium)	medium	medium	weak	SHORT	divergent	ABSENT	absent to very weak	length medium; curvature weak	platform to shallow cup	white	
OVATION (short)	lax to medium	medium	medium	long	DEFICIENS	ABSENT	absent to very weak	short to medium; curvature weak	platform to shallow cup	white	
CHANSON (short to medium)	medium	medium	medium to strong	long	DEFICIENS	ABSENT	absent to very weak	medium; curvature medium	decurent to platform	white	
LG DIABLO	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 TOMAHAWK	medium	medium to strong	medium	SHORT	DEFICIENS	ABSENT	absent to very weak	length medium to long; curvature medium	platform to shallow cup	white	
RGT ASTEROID	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	

(W) = Winter

(S) = Spring