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#### CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2015

VARIETY and	Ear	For	Eon.	Rachilla	Starila anilralat	Ventual	Spicules on	First rachis	Collar	Aloumono	Other
		Ear			Sterile spikelet		Spicules on	First racins	Conar	Aleurone	Other
plant height	density	glaucosity	pigment	hair type	attitude	furrow hair	inner lateral	segment		colour	features
							nerves				
SIX ROW VARIETIES (Winter)											
ESCADRE (W)	dense	medium	weak to	long	n/a	PRESENT	strong to very	length short to	cup	white	
(tall)			medium				strong	medium;			
								curvature very weak			
								-			
KWS	medium	medium to	absent to	long	n/a	ABSENT	strong to very	length medium;	strongly decurrent	white	
MERIDIAN (W)		strong	very weak				strong	curvature strong			
(medium to tall)											
VOLUME (W)	medium	medium	very weak	long	n/a	PRESENT	strong	length medium;	No data	weak blue	Hybrid
(medium)			to weak					curvature straight			
DAXOR (W)	medium to	medium to	absent to	long	n/a	PRESENT	strong to very	length medium;	strongly decurrent	white	
(medium)	dense	strong	very weak				strong	curvature strong			

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VARIETY and	Ear	Ear	Ear	Rachilla	Sterile spikelet	Ventral	Spicules on	First rachis	Collar	Aleurone	Other
plant height	density	glaucosity	pigment	hair type	attitude	furrow hair	inner lateral	segment		colour	features
							nerves				
TWO ROW VARIETIES (Winter)											
CALIFORNIA	medium	medium	absent to	long	DEFICIENS	ABSENT	absent to very	length long;	cup	white	
<b>(W)</b>			very weak				weak	curvature medium			
(short to medium)											
KWS TOWER	lax	weak	absent to	long	DEFICIENS	ABSENT	weak to	long;	shallow cup to cup	white	
(W)			very weak				medium	curvature strong			
(short to medium)											
FLORENTINE	lax	weak	medium	long	DEFICIENS	ABSENT	absent to very	length medium;	cup	white	
(W)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		10115		112021(1	weak	curvature moderate		***************************************	
(short to medium)								to strong			
(,								1			
MATROS (W)	lax to	strong	strong	long	DEFICIENS	ABSENT	absent to very	length short to	cup	white	
(medium)	medium						weak	medium;			
								curvature medium			
RETRIEVER	lax	weak to	strong	long	DEFICIENS	ABSENT	medium to	length medium;	cup	white	early ear
(W) (short)		medium					strong	curvature medium			emergence
TALISMAN (W)	lax	weak to	strong	long	DEFICIENS	ABSENT	weak	length medium to	shallow cup	white	awns shorter
(short to medium)		medium						long;			than ear
								curvature medium			
	4.			_			<u> </u>	to strong			
SY VENTURE	medium	medium	very strong	long	DEFICIENS	ABSENT	strong	length medium;	shallow cup	white	bent back first
(W)								curvature medium			rachis
(short) SAFFRON (W)	medium	absent or	absent	1000	DEFICIENS	PRESENT	medium	to strong	challow over to over	blue	rachilla length
` ′	meatum		absent	long	DEFICIENS	PRESENT	meaium	length medium to	shallow cup to cup	blue	and tip hairs
(short to medium)		very weak						long; curvature weak to			short
								medium			SHOIT
KWS GLACIER	lax	medium to	absent to	long	DEFICIENS	PRESENT	absent to very	length medium;	platform to	blue	<del>                                     </del>
(W)	14/1	strong	very weak	10115			weak	curvature medium	shallow cup	orac	
(short to medium)		Suong	Very weak				I Vicun	Car vacuic incuruili	Shanow cup		
(Short to medium)											
	1	1	1	1	1	1	1	1	1	1	

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VARIETY and plant height	Ear density	Ear glaucosity	Ear pigment	Rachilla hair type	Sterile spikelet attitude	Ventral furrow hair		First rachis segment	Collar	Aleurone colour	Other features
KWS-CASSIA (W) (medium)	lax	weak to medium	absent to very weak	long	DEFICIENS	PRESENT	-	length short; curvature weak to medium	platform to shallow cup	blue	
CASSATA (W) (short to medium)	medium to dense	medium	weak	long	parallel	ABSENT	strong	length short to medium; curvature weak to medium	platform to shallow cup	white	
(medium)	lax	weak to medium	strong to very strong	long	parallel	PRESENT	absent to very weak	medium; curvature medium	shallow cup to cup	blue	early to medium ear emergence
FLAGON (W) (medium)	medium	medium	absent	long	divergent	ABSENT	weak	length medium; curvature weak to medium	platform	white	
PEARL (W) (medium)	medium	strong	weak to medium	long	divergent	ABSENT	medium	length medium; curvature medium	shallow cup to cup	blue	late ear emergence; rachilla tip hairs short
(W) (short to medium)	lax	weak to medium	absent to very weak	long	DEFICIENS	ABSENT	very weak to weak	length medium; curvature medium	cup	white	

## **Spring Varieties**

GARNER (S)	lax	weak to	weak to	long	DEFICIENS	ABSENT	absent to very	length medium;	shallow cup	white	
(medium)		medium	medium				weak	curvature weak to			
								medium			
TESLA (S)	medium	medium to	medium	long	DEFICIENS	ABSENT	absent to very	length long;	shallow cup to cup	white	
(short to medium)		strong					weak	curvature very weak			
KWS IRINA (S)	medium	medium to	medium to	long	DEFICIENS	ABSENT	absent to very	short to medium;	decurrent to	white	
(short to medium)		strong	strong				weak	curvature medium	platform		

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#### CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2015 Sterile spikelet Ventral VARIETY and Ear Ear Ear Rachilla First rachis Collar Other Spicules on Aleurone plant height density glaucosity pigment hair type attitude furrow hair inner lateral segment colour features nerves KELIM (S) SHORT lax medium to strong DEFICIENS ABSENT absent to very length medium: shallow cup (medium) curvature weak strong weak SHADA (S) SHORT DEFICIENS ABSENT medium: lax medium medium absent to very shallow cup to cup white weak curvature medium (short) SANETTE (S) SHORT ABSENT length medium: platform to medium strong medium DEFICIENS absent to very white shallow cup (short) weak curvature weak OPTIC (S) platform to medium medium to weak divergent ABSENT length short to white ear emergence long strong (medium) strong medium: shallow cup very early to early curvature weak MOONSHINE ABSENT length long; platform lax to medium strong long divergent absent to very white (S)curvature medium medium weak (short) WAGGON (S) medium ABSENT medium to strong long divergent absent to very length medium; platform white (medium) dense weak curvature strong SCHOLAR (S) ABSENT lax medium to weak long DEFICIENS absent to very length medium; platform to white (very short) strong weak curvature medium shallow cup to strong BELGRAVIA (S) medium medium to very weak **SHORT** divergent ABSENT length long; platform white absent to very (short to medium) to weak weak curvature weak to strong medium CONCERTO (S) medium medium verv weak **SHORT** divergent ABSENT absent to very length medium; platform to white (short) to weak weak curvature medium shallow cup WESTMINSTER medium weak to **SHORT** ABSENT medium length medium; platform weak divergent white medium curvature weak to (medium to tall) medium **SHORT** divergent HACKER (S) ABSENT short to medium: cup collar medium medium medium absent to very white (short to medium) weak curvature weak to medium ABSENT length medium; NFC TIPPLE (S) lax to SHORT platform medium weak to divergent absent to very white

weak

curvature medium

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medium

(short to medium) medium



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#### CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2015 Sterile spikelet Ventral VARIETY and Ear Ear Ear Rachilla First rachis Collar Aleurone Other Spicules on plant height density glaucosity pigment hair type attitude furrow hair inner lateral segment colour features nerves OUENCH (S) SHORT lax medium weak to divergent ABSENT absent to very length short to platform to weak blue medium; shallow cup (medium) medium weak curvature weak to medium RHYNCOSTAR SHORT ABSENT platform very lax to weak to divergent absent to very length medium to white strong medium (S)long; lax weak (very short to curvature medium short) ODYSSEY (S) medium **SHORT** ABSENT length medium to platform to medium medium divergent absent to very white (short to medium) weak long; shallow cup curvature weak to medium PROPINO (S) ABSENT SHORT platform medium weak to medium divergent absent to very length short to white (medium) medium weak medium: curvature weak RGT PLANET SHORT ABSENT length short to lax to medium to strong DEFICIENS medium no data white (S)medium strong medium; (medium) curvature weak OLYMPUS (S) length medium: lax medium SHORT DEFICIENS ABSENT shallow cup to cup white strong absent to very (very short) weak curvature weak DEVERON (S) **DEFICIENS** SHORT ABSENT length short to shallow cup lax medium to absent to absent to very white (very short) very weak weak medium; strong curvature weak SIENNA (S) **SHORT** medium ABSENT length medium: medium weak divergent absent to very platform to white (short to medium) weak curvature weak shallow cup VAULT (S) very lax to medium to weak to **SHORT** DEFICIENS ABSENT white very weak to length medium: platform (short) lax medium weak curvature weak to strong medium OCTAVIA (S) SHORT ABSENT divergent length medium; shallow cup medium medium weak to absent to very white (very short to medium weak curvature weak to short) medium

(W) = Winter

(S) = Spring

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