

SHEATH HAIRS ABSENT**HORDEUM DEFICIENS, RACHILLA HAIRS LONG AND STRAIGHT, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
COSMOPOLITAN (new 2019)	Medium	Medium to strong	Medium Slight to moderate Moderate	OLNS sparse Rachilla medium to long
GARNER	Strong	Medium	Medium to short Slight curvature Hairs numerous	OLNS absent Rachilla medium
EXPLORER	Medium to strong	Absent or very weak	Medium Moderate curvature Hairs moderate to numerous	OLNS absent Rachilla long
KWS IRINA	Medium to strong	Medium to strong	Medium Moderate curvature Hairs moderate	OLNS moderate Rachilla medium to long
OVATION	Medium	Medium to strong	Medium Slight curvature Hairs numerous	OLNS moderate Rachilla medium
SCHOLAR	Weak to medium	Medium to strong	Medium Moderate to strong curvature Hairs absent	Second rachis segment prominent OLNS sparse Rachilla medium

SHEATH HAIRS ABSENT**HORDEUM DEFICIENS, RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
PROSPECT (new 2019)	Medium	Medium to strong	Short to medium Slight curvature Hairs absent	OLNS sparse Rachilla medium
RGT ASTEROID (new 2019)	Weak to medium	Medium to strong	Medium Straight to slight curvature Hairs sparse	OLNS moderate Rachilla medium
RGT ORBITER (new 2019)	Medium to strong	Medium	Medium Slight curvature Hairs sparse	OLNS sparse Rachilla medium to long
SY DOLOMITE (new 2019)	Medium	Medium to strong	Long Slight curvature Hairs sparse	OLNS sparse Rachilla medium to long
LG DIABLO (new 2019)	Medium	Strong	Medium to long Slight to moderate Hairs moderate	OLNS moderate Rachilla medium

SHEATH HAIRS ABSENT**HORDEUM DEFICIENS, RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
LG TOMAHAWK (new 2019)	Medium	Medium to strong	Medium to long Slight to moderate Hairs moderate	OLNS sparse Rachilla medium
SY STANZA (new 2019)	Medium	Medium	Medium Slight to moderate curvature Hairs sparse	OLNS moderate Rachilla medium to long
EMBRACE	Medium	Medium to strong	Medium Moderate curvature Hairs sparse	OLNS sparse Rachilla medium to long
LAUREATE	Medium	Medium to strong	Long Moderate to strong curvature Hairs absent or very sparse	Second rachis segment prominent OLNS sparse to moderate Rachilla medium to long
RGT PLANET	Strong	Strong	Medium Moderate curvature Hairs moderate	OLNS sparse Rachilla medium
SY CONTOUR (new 2019)	Medium	Medium to strong	Long Moderate curvature Hairs sparse	OLNS sparse to moderate Rachilla medium

SHEATH HAIRS ABSENT**RACHILLA HAIRS LONG AND STRAIGHT, FRONTAL/LATERAL LODICULES**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
GOLDEN PROMISE	Medium	Strong	Short to medium Straight to slight curvature Hairs absent or very sparse	Awns shorter than ear Ear attitude erect

SHEATH HAIRS ABSENT**RACHILLA HAIRS LONG AND STRAIGHT, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
FAIRING	Medium to strong	Medium to strong	Medium to long Moderate to strong curvature Hairs numerous	Sterile spikelet glume + awn length medium Sterile palea medium Rachilla medium. OLNS moderate
KWS SASSY	Weak	Strong	Medium Straight Hairs moderate	Sterile spikelet glume + awn length medium to long Sterile palea medium Rachilla medium. OLNS moderate
WAGGON	Medium to strong	Weak to medium	Medium Moderate curvature Hairs numerous	Sterile spikelet glume + awn length short Sterile palea medium Rachilla medium to long. OLNS sparse

SHEATH HAIRS ABSENT**RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
HACKER	Medium	Medium	Medium to short Moderate curvature Hairs sparse	Sterile spikelet glume + awn length medium to long Sterile palea medium Rachilla medium to long. OLNS sparse
PROPINO	Weak	Medium to weak	Medium to short Slight curvature Hairs numerous	Sterile spikelet glume + awn length medium Sterile palea medium Rachilla medium. OLNS sparse

SHEATH HAIRS ABSENT**RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS MORE THAN 10 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
WESTMINSTER	Weak	Weak	Medium Slight curvature Hairs numerous	Sterile spikelet glume + awn length medium to long Sterile palea medium to long Rachilla long to medium. OLNS sparse to moderate

SHEATH HAIRS ABSENT**RACHILLA HAIRS SHORT AND WOOLLY, COLLAR LODICULES,
ILNS ABSENT OR PRESENT 1 - 2 PER GRAIN**

VARIETY NAME	EAR PIGMENT	EAR GLAUCOSITY	FEATURES OF FIRST RACHIS SEGMENT	OTHER FEATURES
BRIONI	Medium to strong	Medium to strong	Medium to long Slight to moderate curvature Hairs sparse	Sterile spikelet glume + awn length long Sterile palea medium Rachilla medium to long. OLNS moderate
CHRONICLE	Medium	Medium	Medium Moderate curvature Hairs moderate to sparse	Sterile spikelet glume + awn length medium to short Sterile palea medium Rachilla medium to long. OLNS sparse
CONCERTO	Weak to absent	Weak	Medium to long Moderate curvature Hairs sparse	Sterile spikelet glume + awn length medium Sterile palea medium Rachilla medium. OLNS sparse
SIENNA	Weak	Medium to strong	Medium Slight curvature Hairs moderate	Sterile spikelet glume + awn length medium to short Sterile palea medium Rachilla medium. OLNS sparse