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CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2021

2021 OATS

VARIETY and plant height	Upper culm node hair	Lower leaf sheath hairs	Leaf margin hairs	Three grained spikelets+	Glume glaucosity	Primary grain			Other features
						Awns+	Lemma glaucosity	Basal Grain hairs	

WINTER OATS

HUSKLESS (Naked)

FUSION (short)	absent	medium	medium	5-6 grains per spikelet typical (occ. More)	absent to very weak	absent or very weak	n/a	lemma and palea resemble glumes in being soft and papery; kernel (caryopsis) threshes free of lemma and palea at maturity; rachilla long, semi-dwarf, short stem
GRAFTON (short to medium)	absent	medium	medium	5-6 grains per spikelet typical (occ. More)	very weak	weak	absent or very weak	lemma and palea resemble glumes in being soft and papery; kernel (caryopsis) threshes free of lemma and palea at maturity; rachilla short
PELTON (medium)	Present medium	medium	absent to very weak	5-6 grains per spikelet typical (occ. More)	weak to medium	weak to medium	n/a	lemma and palea resemble glumes in being soft and papery; kernel (caryopsis) threshes free of lemma and palea at maturity. Upper culm node hair present, rachilla short



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WINTER OATS

HUSKED

DALGUISE (medium)	absent	weak to medium	weak to medium	absent to few	medium to strong	weak	absent or very weak	4-6 per side; short	
GERALD (short to medium)	absent	medium	strong	absent to very few	absent or very weak	weak	absent	4-6 per side; short-medium	late to very late panicle emergence; panicle usually medium to large
GRIFFIN (medium to tall)	Present medium to strong	very weak	very weak to weak	absent to rare	Occasional to few; Medium	Absent to very weak	Long	If present 1-3 per side; (variable) Medium to long length	YELLOW GRAIN. Not recommended
MASCANI (medium)	Present medium	weak	weak	absent or very few	weak to medium	weak`	absent or very weak	absent	UPPER CULM NODE HAIRS PRESENT; yellow grain
PENROSE (tall)	Present medium	strong	weak to medium	Rare to occasional	weak	Occasional to few; Weak	weak	Absent or very weak	Not recommended
RGT LINEOUT (short to medium)	absent	strong	absent or very weak	No data	medium to strong	weak to medium	absent or very weak	medium	early to medium panicle emergence
RGT SOUTHWARK (medium)	Present weak	weak	very weak to weak	No data	weak to medium	weak	absent or very weak	medium length	Upper culm node hair present



VARIETY and plant height	Upper culm node hair	Lower leaf sheath hairs	Leaf margin hairs	Three grained spikelets+	Glume glaucosity	Primary grain			Other features
						Awns+	Lemma glaucosity	Basal Grain hairs	

SPRING OATS

HUSKED

ASPEN (short to medium)	absent	absent	absent to very weak	No data	medium	very weak	absent or very weak	medium length	YELLOW GRAIN. Glume length medium
CANYON (medium to tall)	absent	absent	absent to very weak	No data	weak	absent or very weak	very weak	short	YELLOW GRAIN. Glume length medium
CONWAY (medium)	absent	weak	medium	No data	weak to medium	weak to medium	absent or very weak	absent to very weak; medium	
DELFIN (no data)	no data	absent or very weak	absent or very weak	No data	No data	absent or very weak	No data	abundance weak; short to medium length	YELLOW GRAIN
ELISON (medium)	absent	absent	absent to very weak	Rare; occasional	Absent or very weak	Absent or very weak	absent or very weak	Very weak to weak; very to short length	YELLOW GRAIN
FIRTH (medium to long)	absent	weak	very weak to weak	absent to few	weak to medium	absent or very weak	absent	short	
WPB ELYANN (short to medium)	absent	absent	absent to very weak	No data	weak	absent or very weak	weak to medium	medium length	
WPB ISABEL (tall)	absent	weak	weak	Rare; occasional	weak	absent or very weak	short to medium	Absent to rare; If present 1-2 per side short length	
YUKON (medium to tall)	absent	absent or very weak	absent to very weak	No data	strong	rare to occasional; weak to med	absent or very weak	absent or very weak; short length	YELLOW GRAIN

† The presence of three grained spikelets and awns is dependent on the growing season