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2018 OATS

CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2018

VARIETY and plant height	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)

BEACON (medium to long)	weak to medium	weak to medium	5-6 grains per spikelet typical (occ. More)	weak	medium	n/a	lemma and palea resemble glumes in being soft and papery; kernal (caryopsis) threshes free of lemma and palea at maturity; Upper culm node hair present, rachilla medium to long
FUSION (short)	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; kernal (caryopsis) threshes free of lemma and palea at maturity; rachilla long
GRAFTON (short to medium)	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; kernal (caryopsis) threshes free of lemma and palea at maturity; rachilla short
PELTON (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; kernal (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)	weak to medium	weak to medium	absent to few	medium to strong	weak	absent or very weak	4-6 per side; short	Rachilla medium to long
GERALD (short to medium)	medium	strong	absent to very few	absent or very weak	weak	absent	4-6 per side; short-medium	late to very late panicle emergence
GRIFFIN (medium to tall)	very weak	very weak to weak	No data	weak to medium	weak	absent to very weak	medium to long	UCNH medium to strong early to medium panicle emergence. Upper culm node hair present
MAESTRO (short)	weak to medium	absent or very weak	No data	weak to medium	very weak	absent or very weak	short to medium	UPPER CULM NODE HAIRS PRESENT; yellow grain
MASCANI (medium)	weak	weak	absent or very few	weak to medium	weak`	absent or very weak	absent	UPPER CULM NODE HAIRS PRESENT; yellow grain
RGT LINEOUT (short to medium)	strong	absent or very weak	No data	medium to strong	weak to medium	absent or very weak	medium	early to medium panicle emergence
RGT VICTORIOUS (medium)	absent	absent or very weak	No data	weak to medium	very weak	absent or very weak	1 to 4/side; short to med	
RGT SOUTHWARK (medium)	weak	very weak to weak	No data	weak to medium	weak	absent or very weak	medium length	Upper culm node hair present



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					Awns+	Lemma glaucosity	Basal Grain hairs	

SPRING OATS

HUSKED

ASPEN (short to medium)	absent	absent to very weak	No data	medium	very weak	absent or very weak	medium length	YELLOW GRAIN. Glume length medium
DELFIN (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	
CANYON (medium to tall)	absent	absent to very weak	No data	weak	absent or very weak	very weak	short	YELLOW GRAIN. Glume length medium
CONWAY (medium)	weak	medium	No data	weak to medium	weak to medium	absent or very weak	absent to very weak; medium	
FIRTH (medium to long)	weak	very weak to weak	absent to few	weak to medium	absent or very weak	absent	short	
MONTROSE (short to medium)	absent	absent or very weak	no data	strong to very strong	absent or very weak	medium to strong	n/a	
ROZMAR (medium to tall)	absent	absent to very weak	No data	weak	absent or very weak	weak	short	YELLOW GRAIN. Glume length short
YUKON (medium to tall)	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
WPB ELYANN (short to medium)	absent	absent to very weak	No data	weak	absent or very weak	weak to medium	medium length	

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