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2017 OATS

CEREAL CROP INSPECTORS GUIDE TO OAT FIELD CHARACTERS 2017

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; rachilla medium to long
FUSION (very short to short)	medium	medium	5-6 grains per spikelet typical (occ. More)	absent to very weak	occasional	absent	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	occasional; weak	absent	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	numerous	weak to medium	occasional; weak to med	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



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					Awns+	Lemma glaucosity	Basal Grain hairs	

WINTER OATS

HUSKED

DALGUISE (short)	weak to medium	weak to medium	absent to few	medium to strong	rare; weak	absent	medium; 4-6 per side; short	
GERALD (short)	medium	strong	absent to very few	absent	rare; weak	absent	medium; 4-6 per side; short-medium	late to very late panicle emergence
GRIFFIN (medium to tall)	very weak	very weak to weak	absent to rare	weak to medium	rare; weak	absent to very weak	medium	UCNH medium to strong
MAESTRO (short)	weak to medium	absent or very weak	No data	weak to medium	very weak	absent or very weak	short to medium	early to medium panicle emergence
MASCANI (short to medium)	weak	weak	absent or very few	weak to medium	occasional; medium to strong	absent	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	absent to rare	weak to medium	rare; weak	absent to very weak	absent to rare; If present 1 to 4/side; short to med length	



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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 to very weak	medium	YELLOW GRAIN. Glume length medium
ATEGO (short to medium)	absent to very weak	absent to very weak	not apparent	medium	medium (absent)	very weak	absent to very weak; short to medium	creamy / yellow tinge to grain
CANYON (medium to tall)	absent to very weak	absent to very weak	not apparent	weak	absent to very weak	very weak	short	YELLOW GRAIN. Glume length medium
CONWAY (medium)	weak	medium	rare-occasional	weak to medium	weak to medium	absent to very weak	absent to very weak; medium	
FIRTH (short)	weak	very weak to weak	rare; usually in upper 1/3 of panicle only	weak to medium	absent (to rare)	absent	absent	
MONTROSE (short to medium)	absent	absent to very weak	no data	strong to very strong	absent to very weak	medium to strong	n/a	
ROZMAR (medium to tall)	absent	absent to very weak	not apparent	weak	occasional	weak	short	YELLOW GRAIN. Glume length short
YUKON (medium to tall)	absent or very weak	absent to very weak	rare; occasional	strong	rare to occasional; weak to med	absent or very weak	absent to rare; If present 1 to 2/side; short to medium length	YELLOW GRAIN
WPB ELYANN (short to medium)	absent	absent to very weak	rare; occasional	weak	rare; very weak	weak to medium	absent to rare; If present 1 to 2/side; short to medium length	

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