

MOORE SPRING OATS

Applicant: Minnesota Agricultural Experiment Station
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Description

Moore spring oats is a selection from the cross Lodi *2/Mn65B1286. The selection Mn65B1286 contributed a generalized "slow rusting" resistance against crown rust. It is derived from an F₅ bulk which was reselected as plant progeny rows in F₁₁. Prior to naming, it was identified as Mn 73231.

Moore is a tall, relatively late maturing variety with a wide spreading panicle. The leaves are light green in color and droopy. The stems are medium-sized, hair-

less at the upper nodes, and yellow when mature. A ligule is present. The seed is white and fluoresces under ultraviolet light. Spikelet separation is by semi-abscission and the rachilla is long and narrow.

The primary area of adaptation is the northern portions of Minnesota, Wisconsin, and South Dakota and all of North Dakota. Classes of seed of Moore will be foundation, registered and certified. Certified seed was available for sale in 1980.

Application has been made to the Plant Variety Protection Office for Moore.