

2003 SPRING OAT MISCELLANEOUS NURSERY AND REPORTING INFORMATION

SEEDING RATES:

IRRIGATED AND HIGH MOISTURE LOCATIONS: 1.0 grams of seed /square foot

DRYLAND LOCATIONS: 0.7 grams /square foot

2003 MULTI YEAR DATA COLLECTED

Plant Height	Height in inches from ground to top of canopy at harvest.
Heading Date	Reported in Julian days (days from January 1) Recorded when 50% of panicles in plot are fully emerged.
Test Weight	Pounds per bushel of cleaned grain. Measured by standard method using quart container and converting grams per quart to pounds per bushel.
Yield	Yield in bushels per acre based on standard 32 pound bushel weight.

2003 MULTI YEAR DATA REPORTING INFORMATION:

The comparable average for oats is calculated by using a pre-determined check variety (Otana) to establish an "average check yield" - as for example, a 6-year period. By using comparable averages, all varieties are then directly comparable to each other even with different number of locations. In this report the years 1993 - 2002 are used, but only data for five years usually (1997 - 2002) are shown.

The more years of production data available for any particular variety, the more reliable is the "comparable average figure". Although data is given for entries with less than three years, averages using less than three years data may be unreliable in predicting future performance.

Comparable Average

Illustration of Formula: (Monico -4 years at Huntley Irrigated-page 4)
Check Variety (Otana) 6 year average

= 198.6

Check Variety (Otana) Average yield for last 4 years = 206.0

Variety (Monico) in question: Average yield for last 4 years = 235.2

Monico	4 year avg. yield	or	$\frac{235.2}{206.0}$	=	114.2%
Check (Otana)	4 year avg. yield				

To convert Monico yield to the 6 year comparable average:

1.142 (Monico) X 198.6 (Otana 6 year avg.) = 226.9 bu/a for Monico