

OATS

Variety	Description
Ajay	A short-statured, midseason maturing variety released by Idaho AES, USDA-ARS in 1989. Ajay is well adapted to irrigated production in southern Idaho. Ajay combines short straw and very good lodging resistance with shattering resistance, satisfactory yield, test weight, groat percentage and maturity. Kernel appearance is not as attractive as Monida and Otana.
Border	A short, white-kerneled variety released by the Wyoming AES, USDA-ARS in 1982. Border is a high-yielding, relatively short-strawed variety with good lodging resistance. Border has excellent yields under irrigation in Wyoming. Border has low protein and a fair test weight. Border is moderately susceptible to gray speck based on Bonners Ferry data for 1977. It is susceptible to stem rust and moderately susceptible to barley yellow dwarf. virus.
Calibre	A relatively tall, high-yielding, midseason variety released by the University of Saskatchewan in 1983. Calibre has good test weight and groat content. It is similar to Otana in height. Data for one year, 1984, at Bonners Ferry, indicate that Calibre is moderately resistant to gray speck. It is resistant to Victorian blight and susceptible to barley yellow dwarf virus, stem/crown rust, and loose smut.
Cayuse	An awned, light yellow-kerneled, stiff-strawed variety released jointly by Washington and Idaho AES, USDA-ARS in 1966. Cayuse has an average test weight with an excellent yield record in irrigated trials in the northwestern states and also yields well in dryland areas. It has good lodging resistance with tolerance to barley yellow dwarf virus. It is susceptible to gray speck in northern Idaho. Cayuse is adapted over a wide area.
Lamont (86Ab1616)	Hulless spring oat, released by Idaho AES and USDA-ARS. The variety is relatively tall and has strong straw, heading date is 3 days later than Monida, test weight is good, appears equally well adapted to both irrigated and dryland production. The hulless trait is expressed well in southern Idaho.
Monida	A relatively tall, midseason variety released by Idaho, Montana, Oregon, and Washington AES, USDA-ARS in 1985. Monida has moderate straw strength and good lodging resistance. Monida has a good yield record in experimental trials in Idaho and other western states. It is taller than Cayuse but shorter than Otana. It has good test weight, intermediate between high test weight Otana and medium test weight Cayuse. Its kernels are similar to Otana. Monida is similar to Otana but superior to Cayuse in groat content. Monida is susceptible to crown rust and prevalent races of stem rust.

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Otana	A relatively tall, midseason variety released by Montana AES, ARS-USDA in 1976. Otana has moderately stiff straw and plump, short, white kernels. Otana has produced high test weight grain in both irrigated and dryland trials. Although Otana has a relatively good yield record under irrigation, it is too tall for production under irrigation in most environments. Otana is resistant to Victoria blight and susceptible to shattering, stem rust, and yellow dwarf.
Powell (83Ab3250)	Spring oat released by Idaho AES and USDA-ARS. Powell is adapted to both irrigated and dryland production areas. Powell has higher yield than Ajay and Cayuse and is similar to Monida. Test weight is similar to Ajay and slightly lower than Monida. Height is taller than Ajay but shorter than most other adapted varieties. Heading date is similar to Monida. Straw strength and shattering are both very good.
Provena (88Ab3073)	Hulless spring oat, released by Idaho AES and USDA-ARS. Averages 7 inches shorter than Monida and 86Ab1616. Yields are not quite as high as 86Ab1616 but test weights are higher and straw is stronger. Heading date is 2 days earlier than 86Ab1616 and 1 day later than Monida, with good shatter resistance. Provena is relatively better under irrigation than under dryland production.
Rio Grande	A yellow-kerneled, medium height variety released by Idaho and Colorado AES, USDA-ARS in 1990. Rio Grande is an early maturing variety with good straw strength. It has very acceptable grain color for horse oats but has poor milling characteristics.