

PI 536615 to 536618. *Avena nuda* L. POACEAE Naked oat

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**remarks:** Cooperative release by the USDA-ARS and the Pennsylvania Agric. Experiment Station in March 1989. Received December 13, 1989.

PI 536615 **donor id:** PENNCOMP 39. **origin:** United States. **pedigree:** Bulked seed (F5 to F12) from 17 crosses with either naked-seeded Pennline 2005(Noble/Nuprime) or a sib-line as a parent. Other parents included OTO2337, PI401780, PI401822, PI401823, PI401824, OA503-1, OA501-1 and others. **other id:** GP-33. **group:** CSR-OATS. **remarks:** Germplasm population with predominately naked seed but genetically diverse for other traits. Hulless seeds 95%. Spring Annual. Breeding Material. Seed.

PI 536616 **donor id:** PENNCOMP 40. **origin:** United States. **pedigree:** Bulked seed (F5 to F13) from 10 crosses with either naked-seeded Pennline 9010(Noble\*2/Nuprime) or a sib-line as a parent. Other parents include PI447272, OA503-1, Noble, Orbit, Dal, Hercules, and Mo 06622. **other id:** GP-34. **group:** CSR-OATS. **remarks:** Germplasm population with predominately naked seed but genetically diverse for other traits. Hulless seeds 86%. Spring Annual. Breeding Material. Seed.

PI 536617 **donor id:** PENNCOMP 41. **origin:** United States. **pedigree:** Bulked seed (F5 or F6) from 4 crosses with naked-seeded Pennline 9433 as a parent. Parental lines involved in crosses with Pennline 9433 included CI8447(semidwarf), Pennlo(semidwarf), Otee, Lang, Hercules, Sang and MO 06425. **other id:** GP-35. **group:** CSR-OATS. **remarks:** Germplasm population with predominately naked seed but genetically diverse for other traits. Hulless seeds 88%. Spring Annual. Breeding Material. Seed.

PI 536618 **donor id:** PENNCOMP 42. **origin:** United States. **pedigree:** Bulked seed (F5 or F8) from 11 crosses with a naked-seeded plant introduction as one parent. Various crosses of PIs 401780, 401822, 401823, 401824, 447275, 447276 with Larry, Pennlo (semidwarf), Pennline 9010, PA8098-9033 and others. **other id:** GP-36. **group:** CSR-OATS. **remarks:** Germplasm population with predominately naked seed but genetically diverse for other traits. Hulless seeds 96%. Spring Annual. Breeding Material. Seed.