

PI 536550 to 536611-continued

PI 536611 **origin:** Honduras. **cultivar:** CRIOLLO PINA. **other id:** Grif 63. **other id:** Honsc 72. **restricted:** QUAR.
remarks: Plants purple, 215cm tall, uniform. Photoperiod sensitive. Midrib gene DD(dry). Pericarp white. Mesocarp gene zz(starch grains). Testa absent. Spreader gene unknown. Seed white and chalky. Breeding desirability 2.5(1=best, 5=worst). Very susceptible to sorghum rust (*Puccinia purpurea*). **disease resistance:** Anthracnose (*Colletotrichum graminicola*). Annual. Cultivar. Seed.

PI 536612 to 536614. *Avena sativa* L. POACEAE Common oat

Donated by: Livingston III, D.P., Marshall, H.G., U.S. Regional Pasture Research Lab., USDA-ARS, Penn State University, University Park, Pennsylvania, United States; and Kolb, F.L., Dept. of Agronomy, University of Illinois, Urbana, Illinois, United States.
remarks: Cooperative release by the USDA-ARS and the Pennsylvania Agric. Experiment Station in March 1989. Received December 13, 1989.

PI 536612 **donor id:** PENNCOMP 36. **origin:** United States. **pedigree:** Composite from nine crosses after selection cycles. Parental cultivars/lines used in crosses with Pennlo included Larry, Noble, IL75-3389 Sel., Pennline 6571, PA7967-7907, PA7967-11644, PA79G252-1, & PA7836-7543. **other id:** GP-30. **group:** CSR-OATS. **remarks:** Composite with short plant height and improved kernel characteristics. Plants 70 to 110cm tall. Gene Frequency high for conditioning semidwarf to moderately short plant height. Spring Annual. Breeding Material. Seed.

PI 536613 **donor id:** PENNCOMP 37. **origin:** United States. **pedigree:** Composite from seven crosses after selection cycles. Pennline 6571 used in all crosses that included Larry, Pennlo, IL75-3389/Sel MI69-27403, PA7836-10449, PA79G252-1 and PA7836-99. **other id:** GP-31. **group:** CSR-OATS. **remarks:** Composite with short plant height and improved kernel characteristics. Plants 70 to 98cm tall. Gene frequency high for conditioning semidwarf to moderately short plant height. Spring Annual. Breeding Material. Seed.

PI 536614 **donor id:** PENNCOMP 38. **origin:** United States. **pedigree:** Compositated seed from 23 crosses between sibs of Pennlo semidwarf (Egdolon 26/Otee) or between Pennlo and a sib. **other id:** GP-32. **group:** CSR-OATS. **remarks:** Composite with short plant height and improved kernel characteristics. Average plant height 72cm. Gene frequency high for conditioning semidwarf to moderately short plant height. Spring Annual. Breeding Material. Seed.