'Oregon 91' is a bush green bean of Blue Lake type developed for commercial processing in western Oregon. 'Oregon 91' should complement or partially replace 'Oregon 1604', which has been important to Oregon processors because of its earliness and dependable production. Compared to 'Oregon 1604', 'Oregon 91' is slightly later in maturity and slightly less productive, but has a better growth habit and straighter pods. It should be most useful to processors who need pods of smaller diameter than those of 'Oregon 1604'.

'Oregon 91, tested as OSU 4091-3, has been increased as a massed line since 1974 when it was in the $F_7$ generation. In the abbreviated pedigree:

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                      Oregon 1604
                    /         \                  /         \
                   OSU 2217-6   OSU 9161   OSU 9161
                                \\     \\
                                 Oregon 58
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OSU 9161 is a bush green bean of complex parentage involving 'White Seeded Slendergreen', 'White Seeded Tendercrop', and bush lines derived from 'Logan' X 'Rogers' 6-inch (Blue Lake pole) followed by 7 backcrosses to strains of 'FM-1 Blue Lake' (pole).

'Oregon 91' matures in 63-69 days when planted in May in western Oregon. The plant is more upright, less branched, and usually less vigorous than 'Oregon 1604'. Yields have been equal to or slightly less than those of 'Oregon 1604'. Maturity is concentrated, and the pod load is large for the size of the plant.

Pods are long, slender, usually straight, and round in cross section. At sieve grade 5 they are typically 16 to 17 cm long. Excess fiber has not been observed, but percent seed is high in sieve grade 6. Since pod fleshiness breaks down at sieve grade 6 in hot weather, this cultivar may be most useful at sieve grade 5 and smaller. Panel scores indicate pods of larger sieve grades may be less tender than 'Oregon 1604' when canned or frozen. Other qualities of processed pods have been generally good. Seed count is about 3,200/kg (1,450/lb.). Mature seedcoats are white. The original massed line is a mixture for green and white immature seedcoats, but a stock pure for green immature seedcoat designated 'Oregon 91' (G) is available.

Greenhouse tests indicated 'Oregon 91' is resistant to bean common mosaic (type strain and 1A strain), and intermediate in susceptibility to races 1 and 2 of halo blight (Pseudomonas phaseolicola, Burke (Dows)).