**Table 3.**

Significance of the factors affecting rooting success of Norway spruce shoot cuttings collected in March together with the odd ratios obtained for the different factor classes. The logistic regression model generated was *log*(*p*/1-*p*) = 0.451 – 1.139*m* + 0.569*c* – 1.729*h1* -1.294*h2* – 1.562*h3* – 1.019*a,*  in which the design variables are: *m* = rooting medium, *c* = needle colour, *h1*, *h2*, and *h3 =* growth habit classes, and *a =* age class.

|  |  |  |
| --- | --- | --- |
| Factor | *p* | Odds ratio (95 % confidence interval) |
| Rooting medium  Peat-vermiculate  Rhodo-x-vermiculate | 0.000 | 1  0.320 (0268-0.382) |
| Needle colour  Green  Yellow or red | 0.023 | 1  1.767 (1.083-2.883) |
| Growth habit class  Normal  No apical dominance  Reduced growth & dense branching  Pendulous | 0.000 | 1  0.177 (0.098-0.321)  0.274 (0.161-0.466)  0.210 (0.113-0.389) |
| Age class  20-year-old  45-55 –year-old | 0.000 | 1  0.361 (0.215-0.605) |