

B11 PERFORMANCE OF SOME NEWLY BRED COLD-TOLERANT RICE
LINES IN LOW TEMPERATURE AREAS OF SRI LANKA

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This study was carried out at Pussellawa and Maldeniya (950M elevation) during Maha 1985/86 season to evaluate the performance of newly bred cold-tolerant rice lines at higher elevations. Five and seven lines along with Bg 400-1 were tested in a randomized complete block design at Pussellawa and Maldeniya respectively.

Of these tested lines pd 853 and pd 833 gave significantly higher yields than Bg 400-1. These lines also showed good tillering ability intermediate plant stature, low grain sterility and early maturity when compared to the performance of Bg 400-1 at higher elevations.