Embryo germination and growth of *Prunus* species consisting of peach, nectarine and plum on 2 culture media: Woody Plant Medium (WPM) and Brooks and Hough (BH) were evaluated for height, number of leaves, number of lateral roots, length of lateral root, leaf area, fresh weight and dry weight. The result showed that both media assisted complete embryo germination and development to seedling. Germination of *Prunus* species on both media was 80–100%. Species and media had an interaction effect on height of seedlings. Growth of seedlings on the media were significant difference. Number of leaves, number of lateral roots, length of lateral root, fresh weight and dry weight of seedlings on WPM was higher than those on BH medium.

Peach embryo was cultured on WPM with addition of GA₃ (0, 0.1 and 0.2 mg/l) and BA (0, 0.5 and 1.0 mg/l). The result showed that germination of embryo was 86–100%. The GA₃ and BA had an interaction effect on number of leaves. The GA₃ had a quadratic effect on dry weight in which 0.1 mg/l concentration produced the highest.

Duration of stratification at 0, 4, 7 and 10 weeks was compared in peach embryo culture on WPM. Germination of seedlings was improved with an increase of time in stratification. Stratification and non-stratification were significantly different for height of seedlings. Leaf area had a quadratic response to duration of stratification. Seedlings stratified for 15 weeks showed the highest survival rate. The suitable growing media for transplanting seedlings was sand and peat moss at 1:1 ratio.