



Effect of Vine Trellising on Growth, Yield and Quality of Bitter Gourd (*Momordica charantia* L.)

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Abstract: The study entitled "Effect of trellising on growth, yield and quality of bitter gourd [*Momordica charantia* L.]" was carried out in the Department of Vegetable Science, Punjab Agricultural University, Ludhiana in two seasons viz. summer (March, 2007) and rainy (June, 2007) season. Bitter gourd cultivar "BG 14" comprised the plant material. Vines were trained at a different spacing as per telephone system of training. The data were recorded on various growth and yield parameters including vine length, number of branches per vine, leaf area, days to first female flower, days taken to first picking, number of fruits per vine, average fruit weight, marketable fruit yield and total fruit yield. Maximum total and marketable fruit yield per unit area was recorded when vines were trained at a spacing of 0.75 m × 45 cm and 0.75 m × 60 cm between rows and plants, respectively.

Key Words: Bitter Gourd, Vine Training, Leaf Area, Yield
