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Effect of weed management on weeds and yield of chickpea varieties (*Cicer arietinum* L.)

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ABSTRACT : A field experiment was conducted to response of chickpea cultivars (GG-2, BGD-72, Dahod yellow) to weed management practices under south Gujarat conditions during *Rabi* season of 2011-2012 at Navsari Agricultural University, Navsari, revealed that lowest weed population, lowest dry weight of weed (10.14 kg/ha⁻¹), higher seed (1804 kg ha⁻¹) and stover (2782 kg ha⁻¹) yields were secured under treatment of weed free upto harvest (H.W. at 20, 40 and 60 DAS) followed by treatment of pendimethalin @ 0.75 kg ha⁻¹ with one hand weeding at 45 days after sowing. All the varieties found equally suitable with similar yield potential and competitive with weeds for cultivation under South Gujarat conditions.

KEY WORDS : Chickpea, *Pendimethalin*, Weed population, Weed management

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