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Impact of mulching materials on growth, yield and quality of wheat (*Triticum aestivum* L.)

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ABSTRACT : Proper sowing method is important for crop establishment and mulching has a beneficial effect on soil physical properties. Keeping this in view, a study was carried out to evaluate the sowing methods and mulching effect on yield and yield components of wheat (*Triticum aestivum* L.). Two sowing methods and two mulching materials with no mulching treatments were used. Line sowing produced significantly higher yield components and grain yield. The harvest index and straw yield was also higher for line sowing than broadcast sowing. Mulching practice increased the spike population, while grains per spike and grain weight remained unaffected. Higher grain and straw yields were obtained with mulching. Line sowing and mulching with 4 t/ha of sorghum stover is recommended for optimum grain and straw yields of wheat.

Key Words: Mulching materials, evaporation, straw, yield.