

## IMPACT OF SEED INVIGORATION TREATMENTS ON SEED YIELD AND YIELD PARAMETERS OF AGED SEED OF GREENGRAM CULTIVAR LGG-460

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**Abstract:** In order to evaluate the effect of seed invigoration treatments on seed yield and yield parameters, the study was conducted at Agricultural Research Station (ARS), Jangamaheswarapuram, Guntur. The aged revalidated seed of greengram cv. LGG-460 was taken from each treatment and was given invigoration treatments. The invigorated seed along with the control (aged seed & fresh seed) were sown in the field. The observations were recorded on days to 50% flowering, no. of pods per plant, no. of seeds per plant, seed yield per plant, harvest index, shelling percentage and 100 seed weight. The results indicate that all invigoration treatments exhibited significant increase over the aged seed. Among the treatments bleaching powder @ 2g/kg of seed, hydroprimed and dry dressed with thiram @ 0.25 % and red chilli powder @ 1g/kg of seed improved the yield and yield parameters of aged seed of greengram and can be recommended for improving the yield of greengram.

**Keywords:** Greengram, Invigoration, Hydropriming

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