

## Synergistic effect of Benalaxyl 8% and Mancozeb 65% WP in combating Downy mildew of Cucumber

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The widely distributed and devastating oomycete, *Pseudoperonospora cubensis* (Berkeley & Curtis) Rostovtsev is the causal agent of cucurbit downy mildew, infecting over 40 host species. The present study was undertaken to evaluate the synergism of Benalaxyl and Mancozeb against downy mildew of cucumber. Five different treatments comprising of solo and combination doses of these fungicides were evaluated for the control of this disease in two consecutive seasons. The pooled data indicates that combination dose of Benalaxyl 8% +Mancozeb 65% WP @ 3000 g/ha provided the best disease control (84.6% and 86.3%) amongst all the treatments along with increasing the yield by 30.5% and 29.6% for two seasons respectively. The combination was not phytotoxic on cucumber upto the dose of 5000 g/ha.

**Key words:** Benalaxyl, cucumber, downy mildew, mancozeb, synergism