

ABSTRACT

DIFFERENT CUTTING HEIGHT IN AYDIN ECOLOGICAL CONDITIONS GREEN AREA OF STRAWENED MASS BLENDS DETERMINATION OF PERFORMANCE

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This research was carried out to determine green field performance of lawn mixtures from different cutting heights between 2017-2018. In this study, 4 and 6 grass mixes which are more marketed in Aydın province are used as research material. 4 mixture % 60 *Festuca arundinacea* OLYMPUS, 20% *Lolium perenne* ESQUIRE, 10% *Lolium perenne* PLATINUM, 10% *Festuca rubra rubra* MAXIMA. In the 6 mixture of %25 *Lolium perenne* CADDIESHACK, 20% *Lolium perenne* PLATINUM, 25% *Festuca rubra rubra* REDSKIN, 10% *Festuca rubra commutata* LONGFELLOW, 15% *Poa pratensis* PANDURA, 5% *Festuca ovina* RIDU was used. In the study, two different blends were examined at different heights, such as out put speed, coating speed, coating degree, leaf texture, leaf color, regeneration power, general appearance and degree of dilatation. As a result of this research it was concluded mowing height of 3cm and 4 cm 6s mixture.

Keywords: Grass, grass mixture, cutting height, out put speed, coating speed.