RESEARCH ARTICLE

YIELD AND YIELDS PARAMETER OF MAIZE GENOTYPES AS INFLUENCED BY FUNGICIDAL SPRAY

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Abstract: Among the genotypes, irrespective of the fungicidal spray significantly higher grain yield was recorded in the genotype Mograon (80.32q) compare other genotypes. Next followed by Pinnacle (80.28 q) and were on par with each other. Next genotype which was recorded higher grain yield was Prabal (66.62 q) and significantly least grain yield was recorded in the genotype Arjun (34.07 q) and followed by GH 0727 (49.54 q). genotypes Super 900 M recorded numerically higher starch content (71.50%) followed by CP 818 (71.20%), NK 6240 and Shimsha 517 (71.00%). Lowest starch content of 69.30 per cent was recorded in Arjun. Prabal recorded highest oil content of 4.90 % followed by CP 818 and Super 900M (4.75 %) ,CP 818 and Kaveri 244(4.73%), Shimsha 517 (4.70 %), GH 0727 and Arjun (4.68 %), All rounder (4.60 %), Pinnacle (4.58 %), MAH 957 (4.55 %) and NK 6240 (4.48 %) and were on par with each other. Least oil content of 4.28 per cent recorded in DKC 9133

Keywords: Genotypes, Yield, Fungicidal spray, Maize

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