

NUTRITIONAL QUALITY EVALUATION OF PROMISING SORGHUM VARIETIES

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ABSTRACT

Six sorghum (*Sorghum vulgare*) varieties (JS-263, Hegari, SL-50, SL-5, Indian III and JS-1) were analysed for crude protein, digestible protein, mineral contents, ether extract, crude fibre and N-free extract to determine their quality. The investigation continued for 3 years (1983-1985). All the varieties performed differently both in yield and quality during 3 years period. however, pooled data showed the superiority of SL-50 in terms of fodder yield (9705 kg/ha) and quality like crude protein (6.83%) and digestible protein (5.95%). The indian-111 was rated as second which produced 9154 kg/ha fodder and gave 6.39% crude protein and 5.52% digestible protein. where as, JS-263, SL-5, JS-1 and Hegar i remained 3rd, 4th, 5th and 6th in position respectively.