

Agro -Trial 9:Response of multicut forage sorghum genotypes to different nitrogen levels - Hisar

Sr. No.	Treatment	Protein %					IVDMD %				
		I cut	II cut	Total	Mean	Rank	I cut	II cut	Total	Mean	Rank
A)	Hybrids/Varieties										
1	V ₁ - UTMCH-1302	8.69	4.71	13.40	6.70	3	42.15	39.50	81.65	40.83	2
2	V ₂ - UTMCH-532	8.22	5.31	13.52	6.76	2	41.10	37.20	78.30	39.15	4
3	V ₃ - SSG-59-3	8.69	5.31	14.00	7.00	1	44.33	38.55	82.88	41.44	1
4	V ₄ - CSH-20MF	8.45	4.71	13.16	6.58	4	43.25	37.10	80.35	40.18	3
B)	Nitrogen levels (kg/ha)										
5	N ₀	6.81	5.20	12.01	6.00	4	39.25	37.10	76.35	38.18	4
6	N ₅₀	7.96	5.09	13.04	6.52	3	41.25	37.90	79.15	39.58	3
7	N ₁₀₀	8.88	4.60	13.47	6.74	2	43.50	38.50	82.00	41.00	2
8	N ₁₅₀	10.41	5.15	15.56	7.78	1	46.83	38.90	85.73	42.86	1

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Sr. No.	Treatment	Protein Yield (q/ha)					DDM (q/ha)				
		I cut	II cut	Total	Mean	Rank	I cut	II cut	Total	Mean	Rank
A)	Hybrids/Varieties										
1	V ₁ - UTMCH-1302	11.05	3.13	14.18	7.09	3	53.57	26.27	79.84	39.92	3
2	V ₂ - UTMCH-532	7.95	2.38	10.33	5.17	4	39.78	16.67	56.45	28.23	4
3	V ₃ - SSG-59-3	10.94	4.17	15.10	7.55	1	55.76	30.26	86.02	43.01	1
4	V ₄ - CSH-20MF	10.92	3.37	14.29	7.15	2	55.88	26.56	82.44	41.22	2
B)	Nitrogen levels (kg/ha)										
5	N ₀	5.52	2.19	7.71	3.86	4	31.79	15.66	47.45	23.72	4
6	N ₅₀	9.02	2.97	11.99	6.00	3	46.78	22.13	68.91	34.46	3
7	N ₁₀₀	11.74	3.41	15.15	7.57	2	57.51	28.57	86.07	43.04	2
8	N ₁₅₀	15.85	4.46	20.31	10.16	1	71.31	33.69	105.00	52.50	1