

**EVALUATION OF CANDIDATE SUGARCANE VARIETIES UNDER
NATIONAL UNIFORM YIELD TRIALS**

By:

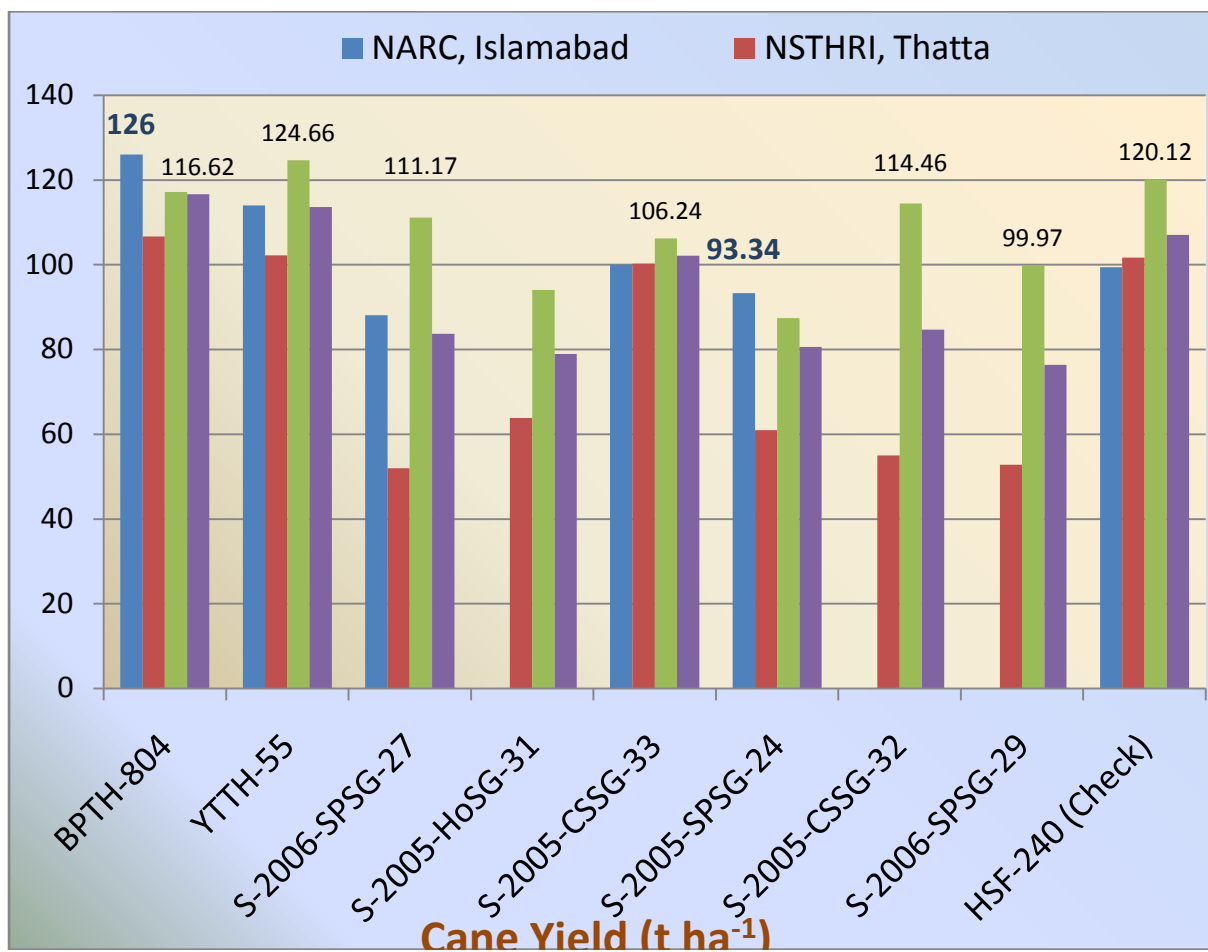
Muhammad Asad Farooq

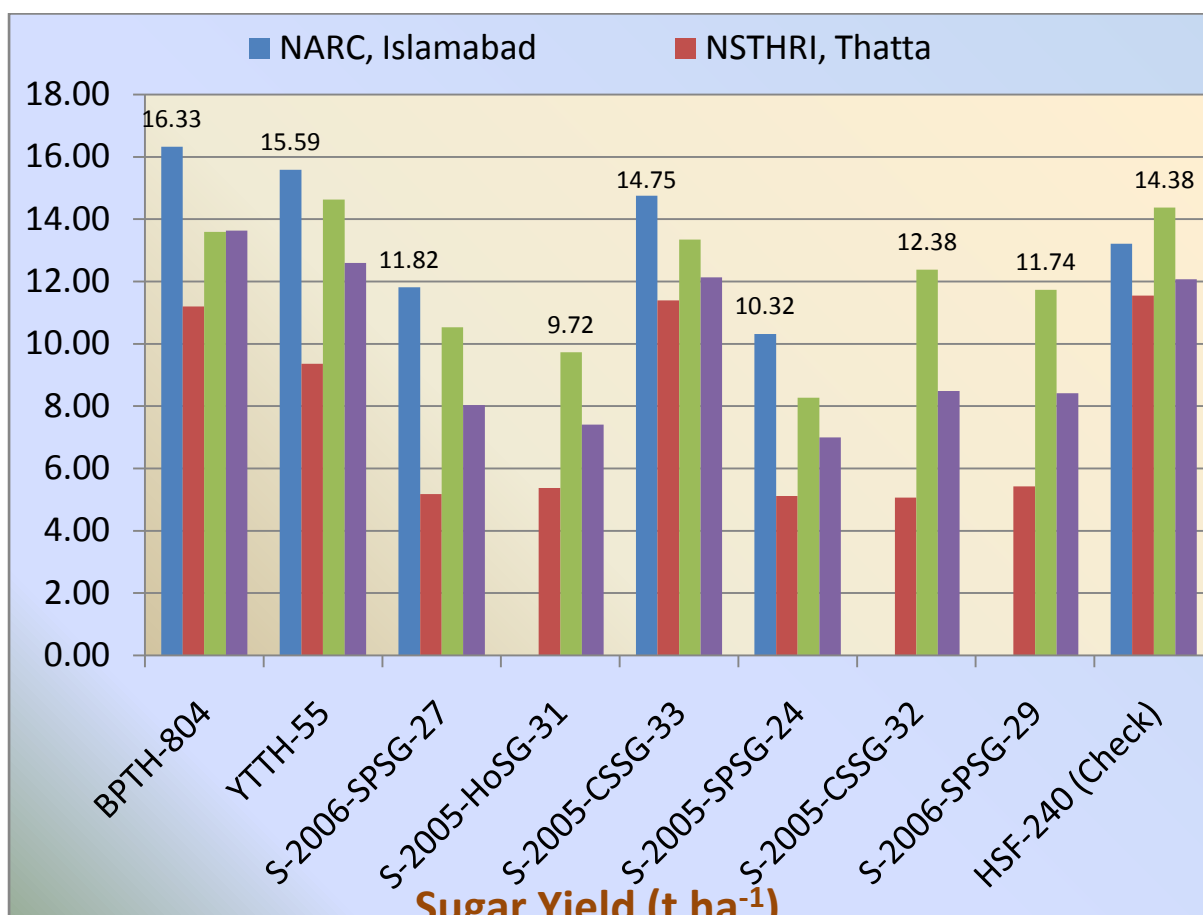
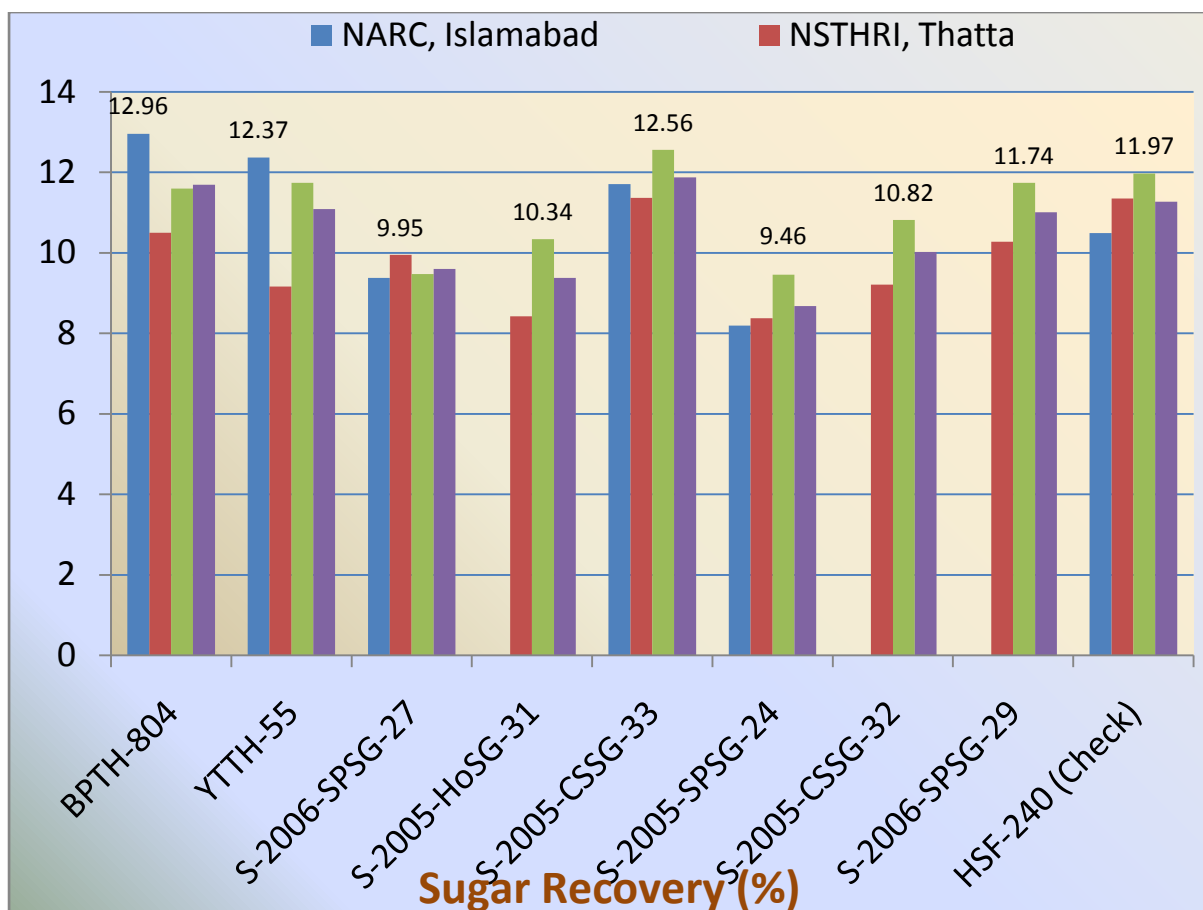
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Work Plan and Methodology

| | | |
|---------------------|---|--|
| Site | = | NARC field |
| No of varieties | = | 08+1 (Standard check) |
| Row spacing | = | 120 cm |
| No of rows/plot | = | 4 |
| Row length | = | 8 m |
| Experimental design | = | RCBD |
| No of Reps | = | 3 |
| Seed rate | = | 40,000 TBS ha ⁻¹ |
| Fertilizer | = | N:P:K @ 250:140:150 (Kg ha ⁻¹) |

RESULTS





CONCLUSIONS

- ▶ Among 08 sugarcane candidate varieties at NARC, Islamabad; BPTH-804 was the best for cane yield (126.0 t ha^{-1}) as well as sugar recovery (12.96 %) and sugar yield (16.33 t ha^{-1}).
- ▶ At NSTHRI, Thatta; BPTH-804 was the best for cane yield (116.62 t ha^{-1}); S-2005-CSSG-33 for sugar recovery (11.37 %) and sugar yield (11.54 t ha^{-1}).
- ▶ At SRI, AARI, Faisalabad YTTH-55 was the best for cane yield (124.66 t ha^{-1}); YTTH-55 and S-2006-SPSG-29 both for sugar recovery (11.74 %) and sugar yield (14.64 t ha^{-1}).
- ▶ Similarly, on average, highest cane yield was in BPTH-804 (116.62 t ha^{-1}); highest sugar recovery was found in S-2005-CSSG-33 (11.88 %) while highest sugar yield was in BPTH-804 (13.68 t ha^{-1}).

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