

YELLOW HYBRID MAIZE

CAP 444 NG

EARLY

MEDIUM

Yellow semi flint hybrid

CAP 444 NG medium maturing variety with approximately 120 - 135 days to maturity. It is moderately resistant to Leaf Blight (H.t), Rust and most common maize diseases. CAP 444 NG is not recommended in areas with a high incidence of G.L.S., unless a strict preventative spray program is adhered to.

CAP 444 NG will tolerate stressful drought conditions and has a yield potential of above 8 tons per hectare, out yielding major competitors in trials to date.

CAP 444 NG can have up to 3 cobs per plant and produces good yields even under low plant populations. A cob can have 16 rows with 45 kernels per row (720 kernels per cob).

Trials yield per hectare:

- 8 tons of dry land with a 45 000 PS
- 11 tons of irrigation up to 80 000 PS



- Very good standability
- Very dense grain
- High shelling percentage
- Good husk cover
- Hard orange grain



Recommended for regions:

- 1 - Western Regions
- 2 - Temperate Eastern Regions
- 3 - Cold Eastern Region
- 4 - KwaZulu Natal Region

Silage Yeild from Midmar-KZN

KULTIVAR	TON/HA	VOG %	% PROEF	% KONTROLE	RANK
DKC 64-78BR	63.86	54.71	115.40	125.01	1
CAP 444 NG	60.05	65.88	108.51	117.55	2
PAN 4P-116	59.76	61.54	108.00	116.99	3
PAN 4P-316B	58.36	64.90	105.48	114.26	4
LS 8524R	56.81	64.75	102.67	111.21	5
PAN 3P-502R	56.75	63.80	102.57	111.10	6
PHB 1615R	54.66	60.00	98.77	107.00	7
DKC 62-80BR	53.60	61.04	96.87	104.94	8
DKC 66-32B	51.39	55.92	92.87	100.60	9
LS 8527BR	49.21	61.07	88.93	96.33	10

NELSON'S GENETICS TRIALS, BETHLEHEM 2010

PLOTSIZE:11.52M*M. POP:27 800 PL/HA. PLANT 19 NOVEMBER 2010

YPERC=YIELD as % of (DKC80-10,PHB32W71 & KKS4410)/3

Variety	Yield	Rank	YPERC	Moisture %	Tillers
DKC80-10	8.14	1	113	11.83	17
CAP 444 NG	7.11	3	99	14.32	20
CAP122-60	7.05	4	98	13.94	8
PHB32W71	6.95	5	97	12.62	14
KKS4410	6.47	11	90	12.55	9
KKS4520	6.18	16	86	14.99	4
MEAN	6.35		100	14.68	14

