

YELLOW HYBRID MAIZE

CAP122-60

EARLY MEDIUM LATE

Excellent silage or grain crop

CAP 122-60 is a medium maturity, highly prolific hybrid. This hybrid has long cylindrical cobs. It is a semi dent grain type. CAP 122-60 gives high grain yields of up to 15mt/ ha when planted under high population density of between 70 000 - 100 000 plants per hectare making a suitable variety in high potential areas under irrigation. It is also suitable for low potential areas under low plant populations due to its' prolificacy.

This hybrid should be sprayed for foliar diseases as it is susceptible. It responds well to fertilizer in high potential areas of the main farming regions of South Africa. CAP 122-60 has 120 -130 days to physiological maturity in warmer areas and 134 days in cooler regions.

CAP122-60 James Kean; Mearns Farm

In the 2014/15 season at Mearns farm in Mooi River, yield estimates that were factored for moisture gave grain yield of 13.2MT/ha. The plants had two large cobs at a plant population of 55 000 plants per ha

Pip height	35	25		KG / plant	PPH	yield	wastage	approx
Pip row	16	16		X 0,25/1000		kg/ha		value
Totals	560	400	960	0.24	55000	13200	2000	11200

Pip height	40	30		KG / cob	PPH	yield	wastage	approx
Pip row	16	14		X 0,3 /1000		kg/ha		value
Totals	640	420	1060	0.318	50000	15900	2000	13900

At 13 paces in two rows there were 58+42 plants = 100/2 = 50 = 50 000 plants per hectare.

CAP122-60 Jaco Brandt; Western Cape – Piketberg

Jaco planted 80 000 plants per ha ,ended up with only about 70 000 due to water problems. Piketburg is in a winter rainfall area so he to planted under pivot in Oct 2012. A fungicide was sprayed on the crop. Harvested at the beginning of May and got 12MT and was happy with the grain quality. Jaco felt that CAP 122-60 would have done better had it not been exposed to moisture.

- Responds well to fertilizers, irrigation and high pop. density
- Tolerant to Helminthosporium Blight
- Tolerant to Stalk Rot
- Susceptible to Grey leaf spot and rust
- Grain yield of 15 MT/ha has been achieved under pivot
- Silage yield potential of up to +75 MT/ha
- Good protein quality



2015 Kokstad silage trials

Cultivar	Plant population (number/ha)	Dry matter (%)	Dry matter yield
CAP 122-60	66 667	55.90	22 417
CAP 9001	64 444	48.72	18 372
CAP 9004	66 667	47.67	25 312
CAP 9021	66 111	47.75	24 474
Mean	65 833	55.41	22 833
LSD (P≤ 0.05)	3 211.2	6.9	4 965
CV (%)	3.0	7.6	13.2

Recommended for regions:

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



Location	Hybrid	Multiple Years Yield Data Combined	Head to Head DKC73-72	Head to Head CRN3505
Beinsvlei	CAP122-60	5041,5	107,3801917	130,5073777
Kroonstad	CAP122-60	6897,5	109,8677923	106,6816178
Kriel	CAP122-60	7576,67	99,20132676	
Delmas	CAP122-60	7867	94,63870399	
Clarens	CAP122-60	8316,75	99,29558547	
Middelburg	CAP122-60	6597	98,74270319	117,1758437
Winterton	CAP122-60	6876,67	99,51760733	102,2654043

SONOP BOERDERY - RIETZ 2013/14

Cultivars	Plant Population	Moisture (%)	Yield (kg)	Index
CAP122-60	28900	14.7	4757.90	128.71
PAN6Q308	28900	15	4702.62	127.21
P2432R	28900	14.8	4427.24	119.76
PAN4P228	28900	13.1	3807.50	103.00
P1973B	28900	13.9	3762.85	101.79
DKC73-74BR	28900	13.3	3731.59	100.95
LS8524R	28900	12.5	3520.47	95.23
US9610	28900	14.2	3370.55	91.18
LS8538R	28900	13.3	3278.18	88.68
DKC73-70B	28900	13.2	3059.64	82.77
US9690	28900	14.5	3035.77	82.12
KKS8410BR	28900	14	2960.41	80.08
US9620	28900	13	2875.44	77.79
KKS84412B	28900	13.9	2868.09	77.59
LS8532B	28900	12.5	2602.96	70.41
LS8536B	28900	13.5	2450.49	66.29
US9640	28900	12.9	2276.97	61.60
US9670	28900	14.6	2274.29	61.52
LS8518	28900	14.8	1988.61	53.80