



# YELLOW HYBRID MAIZE

## CAP 122-60

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

#### 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           |
| <b>Mean</b>   | <b>65 833</b>                | <b>55.41</b>   | <b>22 833</b>    |
| LSD (P≤ 0.05) | 3 211.2                      | 6.9            | 4 965            |
| CV (%)        | 3.0                          | 7.6            | 13.2             |



Our farmers are serious about farming.  
We're serious about seed.

## Recommended for regions:

- 1 - Western Regions
- 2 - Temperate Eastern Regions
- 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  |