WHITE HYBRID MAIZE

CAP 90-01

EARLY MEDIUM LATE

Widely adapted hybrid

CAP 90-01 is widely adapted for all Southern African conditions. It is tolerant to most maize diseases in Southern and Eastern Africa.

It has a high potential of yielding over 14mt/ha in certain areas of Kwazulu-Natal, South Africa. It is also adapted to other areas with reasonable rainfall expectations.

It has excellent disease resistance making this hybrid suited to high disease pressure areas.

Capstone Seeds recommends that, in order to maximize the yield, one should plant early.

CAP 90-01 is a tall late hybrid south of 26 latitude and medium maturing as you travel north of this. It has high yields under irrigation and good performance under dry-land conditions. It is widely utilized for grain as well as for silage in certain areas, this is due to CAP 90-01 being a tall leafy plant producing high amounts of dry matter and starch per hectare.

- Utilized for grain and silage
- Yield under Irrigation up to 15 tons per hectare
- Yield in dry land 9-11 tons per hectare
- Silage potential 65 - 70 tons per hectare.
- Medium maturing hybrid: 135-145 days
- Tall with white flint grain

Recommended for regions:

1 - Western Regions

2 - Temperate Eastern Regions

3 - Cold Eastern Region

RECOMMENDED FOR SILAGE KZN

4 - KwaZulu Natal Region

CAPSTONE Seeds

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

CAPSTONE HYBRIDS DISEASE RATINGS '23/'24 & '24/'25

1 = excellent disease tolerance
10 = highly susceptible to disease

	DISEASE RATINGS			
HYBRIDS	PHAEO (Phaeosphaeria)	GLS (Grey Leaf Spot)	NLB (Northern Leaf Blight)	MSV (Maize Streak Virus)
CAP 99-43	1	1	1	2
CAP 90-01	2	3	2	2
CAP 90-21	2	3	2	2
CAP 95-22	4	4	2	2
Susceptible Control Hybrid	9	9	9	9

GUY DAUGHERTY - 2024/2025 - BERGVILLE

1 = excellent disease tolerance
10 = highly susceptible to disease

HYBRIDS	MAIZE STREAK VIRUS RATING
CAP 90-01	2
CAP 99-43	2
CAP 90-21	2
CAP 95-22	2
CAP 90-06	5
CAP 94-44	5
Commercial Silage Hybrid	9

Variety	Anthesis	Mid Altitude		N-Stress	Ear position	Lodging		Husk cover	Ear rot	GLS	Common rust	Northern leaf blight	Grain texture	MSV	PLS
	Days	Dry t/ha	Humid warm t/ha	t/ha	0-1	Root %		%	%	1-5	1-5	1-5	1-5	1-5	1-5
CAP 90-01	68	4.52	7.13	2.29	0.52	7.6	11.8	3.5	5.2	1.5	1.1	2.3	3.4	2	1.1
PAN63	68	4.39	6.98	1.43	0.49	9.5	10.4	5.8	4.7	1.9	1.3	2	2.9	1.9	1.3
PAN5M-35	68	4.69	7.54	3.22	0.47	5.4	7.9	3.9	4.6	1.9	1.1	1.5	2.5	1.5	1.3

N stress – trials conducted under conditions with nitrogen stress
Husk cover – Percentage of plants with ears that are not completely covered by the husks
Ear rot – Percentage of cobs that are rotten
GLS- Score for the severity of gray leaf spot from 1 (clean, no infection) to 5 (severely diseased)
MSV- Score for the severity of maize streak virus from 1 (clean, no infection) to 5 (severely diseased)
Grain Text- Rated on a scale from 1(flint) to 5 (Dent)

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