WHITE HYBRID MAIZE

CAP 90-21

EARLY — MEDIUM — LATE

All round performer

CAP 90-21 is a high yielding hybrid which performs well in high potential regions. This hybrid has done well as a silage variety. It has been noted to have grain yields of over 10mt/ha as the norm. Silage yield potential of between 65-80mt/ha under ideal conditions.

It has flinty grain type with excellent milling quality too. It also has good resistance to Grey Leaf Spot, ear rot and rust. This variety is medium maturing North of 26 latitude and becomes late maturing to the South of that, where it is mainly used for silage. CAP 90-21 has a tall plant structure and generally produces one large ear. We recommenced it for 1A, 2A, and 3A for grain and region 4 for silage.

High Potential Dryland Conditions with >700mm Precipitation	CAP90-21	SC633
Grain Yield (t/ha)	10.3	9.45
Anthesis (days)	83	77
Height (cm)	286	236
Ear position	0.5	0.52
Root lodging (%)	0	32
Stem lodging (%)	4	1
Husk cover (%)	4.2	8.3
Ear rot (%)	1.6	2.3
Gray leaf spot (1-5)	1	1.3
Common rust (1-5)	1	1
Northern corn leaf blight (1-5)	2	2.3
Grain texture (1-5)	4.5	4.5

*1=Bad | 5= Good

2015 Kokstad silage trials

Cultivar	Plant population (number/ha)	Dry matter (%)	Dry matter yield
CAP 122-60	66 667	55.90	22 417
CAP 90-01	64 444	48.72	18 372
CAP 90-04	66 667	47.67	25 312
CAP 90-21	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

- Medium to late maturity- plant early: 120 - 135 days
- Semi-flint, large kernels
- Tall and leafy plant structure: 2.2 - 2.8m plant height
- Resistant to most foliar diseases
- Recommended plant population 48 000 plants/ha







Recommended for regions:

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

*SILAGE IN ALL REGIONS

*HIGHLY RECOMENDED FOR KZN

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
Commercial Silage Hybrid	9