

SUMMER CROP

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A photograph of a lush green field of crops, likely a soybean field, with rows of plants stretching towards the horizon. The sky is overcast with grey clouds. The image is framed by a brown curved border at the top and bottom.

BREEDING FOR CLIMATE CHANGE, THE ENVIRONMENT AND THE FARMER

DRY BEANS

CAP 2001

Speckled Sugar Bean (Cranberry)

CAP 2001 has a determinate, bush type, growth habit. It's growing season is approximately 90 days. There are roughly 10 seeds for every 50 grams of product.

In terms of lodging it is considered to be moderately susceptible, however it is moderately resistant to rust. CAP 2001 has a yield potential of 3 mt plus per hectare. Mechanical harvesting is possible if a high enough plant population is planted. CAP 2001 is usually ready to harvest 3-4 weeks before most other sugarbean varieties.

- Growth habit: Determinate. Bush type
- Growing Season: Approx 90 days
- Mass: 10 seeds per 50g
- Rust: Moderately resistant



DRY BEANS

CAP 2000

Speckled Sugar Bean (Cranberry)

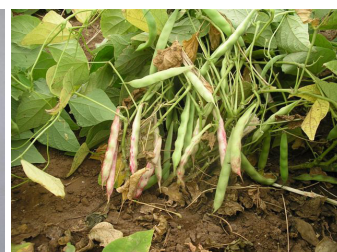
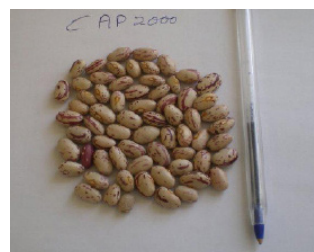
CAP 2000 has an indeterminate growth habit with a few short and upright branches. It is also known to grow after flowering. It has a growth season of approximately 100 days. In every 50 grams of product there are 10 seeds.

It is moderately susceptible to lodging with a good resistance to shattering. It is also moderately resistant to rust.

It is important to note that the seed shape is more oval than kidney.

CAP 2000 has a yield potential of 4 mt plus per hectare.

- Growth habit: Indeterminate. Few short and Upright branches, grow after flowering.
- Growing Season: Approx 100 - 110 days
- Mass: 10 seeds per 50g
- Rust: Moderately resistant



Drybeans Trials		2009/10			2010/11	
		Cap 2000	Cap 2001	C.V.%	Cap 2000	C.V.%
Planting Dates						
	at Kokstad	11.12.2009	11.12.2009		09.12.2010	
	at Swartberg	09.12.2009	09.12.2009		14.12.2010	
	at St. Bernard's Peak	10.12.2009	10.12.2009		-	
Seeding Rates		180 000 pph			180 000 pph	
Row Spacings		75cm apart			75cm apart	
Disease Control		Fungicide fortnightly from flowering		Managed throughout the season		
Fertilization					Optimal for a 3t/ha yield	
Date at 50% Flowering		29.01.2010	25.01.2010		-	
Date at Physiological Maturity		07.04.2010	01.04.2010		08.04.2011	
Date of Harvest						
	at Kokstad	07.04.2010	07.04.2010		12.04.2011	
	at Swartberg	07.04.2010	07.04.2010		29.04.2011	
	at St. Bernard's Peak	07.04.2010	07.04.2010		-	
Plant Populations at Harvest						
	at Kokstad	120 046	135 395	7	134 479	9
	at Swartberg	101 260	136 770	10,9	117 984	9,2
	at St. Bernard's Peak	74 227	121 420	13,9	-	
Yields (t/ha)						
	at Kokstad	3194	3285	5,6	3290	12
	at Swartberg	2731	2843	13,2	4810	15,6
	at St. Bernard's Peak	2456	2577	15	-	
Comments		If pph of 180 000 were adhered to, higher yields could have been obtained.			Despite a lower plant pop, excellent yields were obtained in Swartberg. Although the climatic conditions at Kokstad were drier & warmer, good yields were obtained.	

SOYA BEANS

FUNDACEP 65RR

OVERVIEW

FUNDACEP 65RR allows early sowing and harvesting which makes it ideal for early planting and double cropping. It has excellent yield potential.

FUNDACEP 65RR is known for high productivity, resistance to lodging and good health. It is an early cycle soya bean with a maturity group of 6.0. It has a high pod height which allows for easy harvesting and as a result limited wastage. It has an indeterminate growth type and is resistant to lodging.

100 grains weigh approximately 14.4 grams. It has a white flower colour and Grey pubescence with a light brown hilo colour.

- High productivity
- Good Health
- Early Cycle
- Maturity Group: 6.0
- Glyphosate tolerant



Variety	65RR
Productivity	High
Resistance to lodging	Good
Plant Health	Good
Cycle	Medium
Maturity Group	6.0 - 6.2
Plant Height	High
POD Height	High
POD Height (cm)	18
Growth Type	Indeterminate
Fertility	High
100-grain weigh (gram)	14.4
Combined Yield Analysis (kg)	3941
Flower Colour	White
Pubescence Colour	Grey
Hilo Colour Light Brown	

Varieties	Pod Height (cm)	Combined Yield (kg)
PAN1664R	20	4 011.78
FUNDACEP 65RR	18	3 941.22
PHB95Y20R	16	3 846.81
PAN1583R	20	3 635.06
PAN737R	20	3 428.51



SOYA BEANS

DUNDEE (NON GMO)

OVERVIEW

This is a “medium short grower” soya variety with a more elongated leaf with quick dry down characteristics. The upright growth pattern of the plant means this variety is more suited to production under narrow rows.

It takes longer to canopy and hence the weed pressure would be omre on wider rows. Healthy plants and average idease tolerance to rust.

Yielf average: 3.38 tons/ha.



SOYA BEANS

HERON (NON GMO)

OVERVIEW

This is a “medium grower” soya variety with oval leaf with slow dry-down characteristics. Can be planted in 90cm or narrow 40cm rows.

It canopies quickly becasuse it is a bushy type variety. It is average on rust and does have tolerance to nematodes.

Yielf average: 3.61 tons/ha.



SOYA BEANS

EGRET (NON GMO)

OVERVIEW

This is a “medium grower” soya variety with oval leaf with very slow dry-down characteristics. Can be planted 90cm or narrow 40cm rows.

It canopies quickly because it's a bushy type plant but showed more signs of rust than the other two varieties; Dundee and Heron, maybe because of it's density.

Yield average: 3.65 tons/ha.



HYBRID GRAIN SORGHUM

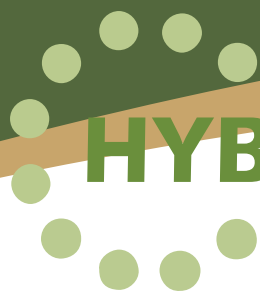
CAP 1002

RED HYBRID, HIGH TANNIN

CAP 1002 is a dual purpose sorghum as it can be used for both grain and silage. It has a plant height of 180cm and reaches 50% flowering at around 75 days. It is resistant to root rot and has a compact head density.

It is medium tillering but has a high resistance to MDMV. The stem palatability and digestibility are very good. It is highly bird proof due to the tannins in the grain.





HYBRID GRAIN SORGHUM

CAP 1003

RED HYBRID, HIGH TANNIN

CAP 1003 is a shorter grower with a height maturity of 140cm. It takes approximately 70 days to reach 50% flower. It is noted as being resistance to lodging behavior. It is highly bird proof due to the high tannin content. It has a medium tillering profile and high resistance to MDMV. CAP 1003 has a Semi Lax head density.

Kind	Hybrid
+/- Days to 50% Flower	70
Height Maturity	140cm
Lodging Behavior	Resistant
Tanin Content	High Bird Proof
Tillering	Medium
MDMV Resistance	High
Head Density	Semi Lax
Medium/long cycle with a grain yeild of 7.5 mt/ha	



Plant hoogte (cm) vir verskillende sorghum genotipes by gedurende 2011-2012 seisoen
Plant height (cm) for different sorghum genotypes during 2011-2012 season

Genotype	Potchefstroom B/I	Bethlehem	Gem Mean
Genotypes			
CAP1003	168,3	140,0	154,2
CAP1004	190,0	120,0	155,0
DOMINATOR	141,7	110,0	125,9
ENFORCER	145,0	105,0	125,0
NS5511	171,7	135,0	153,4
NS5655	143,3	120,0	131,7
PAN8625	166,7	110,0	138,4
PAN8816	163,3	105,0	134,2
PAN8909	146,7	95,0	120,9
PAN8911	133,3	110,0	121,7
PAN8919	133,3	95,0	114,2
PAN8920	142,0	110,0	126,0
PAN8923	126,7	90,0	108,4
PAN8924(W)	136,7	90,0	113,4
TIGER	136,7	105,0	120,9
Gem/Mean	152,9	110,3	131,6
B/I = Besproeiing / Irrigation			

HYBRID GRAIN SORGHUM

CAP 1004

WHITE HYBRID, LOW TANNIN

CAP 1004 has a duration of 100-105 days and a plant height of 180-190cm. It has a dark green leaf colour and semi erect leaf position. The stem is regarded as being thick with an earhead exertion that is exerted and an earhead shape that is long and cylindrical. It's earhead is semi compact.

It has a straw coloured glume with medium bold seed size. 1000 seeds weigh around 28-30 grams. It has an easy thresh ability.

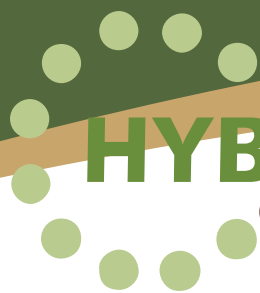
Kind	Hybrid
+/- Days to harvest	100-105
Plant Height	180-190
Leaf Colour	Dark Green
Leaf Position	Semi Erect
Stem Thickness	Thick
Earhead Exertion	Exerted
Earhead Shape	Long Cylindrical
Earhead Compactness	Semi Compact
Glume Colour	Straw
Seed Size	Medium Bold
1000 Seed Weight (g)	28-30
Thresh Ability	Easy



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NS5511	171,7	135,0	153,4
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PAN8625	166,7	110,0	138,4
PAN8816	163,3	105,0	134,2
PAN8909	146,7	95,0	120,9
PAN8911	133,3	110,0	121,7
PAN8919	133,3	95,0	114,2
PAN8920	142,0	110,0	126,0
PAN8923	126,7	90,0	108,4
PAN8924(W)	136,7	90,0	113,4
TIGER	136,7	105,0	120,9
Gem/Mean	152,9	110,3	131,6

B/I = Besproeiing / Irrigation



HYBRID GRAIN SORGHUM

CAP 1005

RED SORGHUM, LOW TANNIN

CAP 1005 is a hybrid grain sorghum with very good uniformity and threshability.

On average CAP 1005 takes approximately 80-85 days to reach 50% flower, and can be harvested after 140-145 approximately. This variety can reach heights of up to 155cm at maturity.

Notably CAP 1005 has good stand-ability, head-smut tolerance and leaf disease and stem rots tolerance.

CAP 1005 makes for an all-round great sorghum for both silage and grain.



Kind	Hybrid
+/- Days to 50% flower	80-85
+/- Days to harvest	140-145
Plant Height	155cm
Uniformity	2*
Stand-ability	3*
Threshability	2*
Head-smut Tolerance	3*
Leaf disease and stem rots	3*
Ear Type	Half Open
Grading	GM
Seed Colour	Red

*1 = Excellent
9=Poor

- Very high stand-ability
- Great threshability
- Red seed colour
- GM grading

Sorghum cultivars:

Are they suitable for malting and milling?

DR CONSTANCE CHIREMBA, ARC-GRAIN CROPS INSTITUTE

Most of South Africa's sorghum is malted for use in opaque or local beer production and also as malted porridges. The use of some of the sorghum grain for dry milling is increasingly becoming important in the sorghum industry.

For malting, sorghum cultivars are grouped into GM (malting, non-tannin), GH (malting, tannin) and GL (non-malting, non-tannin) classes. Malting quality is measured in terms of diastatic power (DP).

Diastatic power is a measure of the combined amylase enzyme activity to ensure that the malt has sufficient enzymes to break down starch to the desirable quantity of fermentable sugars during the brewing process. In dry milling, hard grain cultivars are preferred for high extraction rates. Sorghum hardness is the most important criteria for determining milling potential.

One of the methods of determining sorghum grain hardness is by removing or abrading the outer layers of the kernel using a Tangential Abrasive Dehulling Device (TADD). The principle of the test is that if the grain is hard, it will not abrade easily compared to soft grain. Hence, after abrasion, hard cultivars will retain more of their weight than soft cultivars.

Hard sorghum also impacts on product quality, for example hard grain produces non-sticky porridges, which are preferred by consumers. Therefore, there is a need to evaluate commercial sorghum cultivars for their suitability for both malting and milling to ensure a viable market and high product quality.

For the 2011/2012 summer cropping season, the average DPs for the GM and GH classes were 43 and 52 SDU/g malt, respectively. All the new cultivars (PAN 8925, PAN 8926, PAN 8927, PAN 8928 and PAN 8929) qualified for the GM class, benchmarked against the average DP of GM standard cultivars PAN 8816 and NS 5655.

Table 1 shows DPs of all cultivars tested. None of the new cultivars were tannin types. Germination was also very high in all localities (at least 90%), resulting in high quality malt. Only non-tannin cultivars were evaluated for hardness as tannin cultivars are generally soft and have poor milling properties.

The mean TADD hardness (percentage kernel removed) after abrading sorghum grain, was 42% (Table 1). All the new cultivars, except PAN 8927, showed higher milling potential.



TABLE 1: DIASTATIC POWER AND HARDNESS OF SORGHUM CULTIVARS DURING 2011/2012.

Cultivar	DP (SDU/g malt)	TADD hardness (% kernel removed)
PAN 8816	38	44
DOMINATOR	42	47
TIGER	47	44
ENFORCER	40	42
NS 5655	47	37
CAP 1002	47	45
CAP 1004	41	39
PAN 8925 (N)	46	36
PAN 8926 (N)	45	39
PAN 8927 (N)	47	59
PAN 8928 (N)	49	39
PAN 8929 (N)	48	34
PAN 8625*	52	ND
NS 5511*	53	ND
CAP 1003*	52	ND

* Tannin-free proof sorghum
(N), New cultivars
ND, Not done

HYBRID GRAIN SORGHUM

ARROW - EARLY MATURING

SWEET RED, LOW TANNING

Arrow is an early maturing hybrid grain sorghum with excellent yield potential. Arrow has semi-open head type and excellent hybrid vigour.

Performance

Arrow displays medium lodging resistance and has an attractive red grain colour. Arrow adapts well across most environments and systems. It is suitable for both dryland and irrigated production.

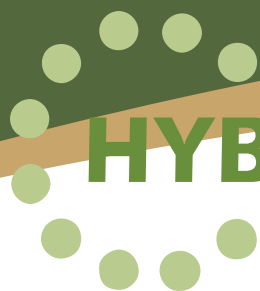
Arrow has good disease resistances and a provisional midge rating of 4.

Tolerance to stress across most environments.

Kind	Hybrid
+/- Days to flowering - Spring	67-70
+/- Days to flowering - Summer	61-67
Seed Colour	Red
Semi	Open head type
Grain Size	Medium/large
Tillering habit	Medium
Maturity	Early
Lodging Resistance	Medium
Provisional Midge Rating	4
Disease Resistance	Good

- Dryland marginal: 30 - 50,000 plant population
- Dryland good: 50 - 75,000 plant population
- Irrigation: 90 - 140,000 plant population





HYBRID GRAIN SORGHUM

NS5511

RED SORGHUM, HIGH TANNIN

NS5511 is a NON-GMO hybrid grain sorghum with very good uniformity and threshability.

On average NS5511 takes approximately 80-85 days to reach 50% flower, and can be harvested after 140-145 approximately. This variety can reach heights of up to 150cm at maturity.

Notably NS5511 has excellent stand-ability, headsmut tolerance and leaf disease and stem rots tolerance.

NS5511 makes for an all-round great sorghum for both silage and grain.

- Excellent stand-ability
- Excellent threshability
- Red seed colour
- GM grading



Kind	Hybrid
+/- Days to 50% flower	80-85
+/- Days to harvest	140-145
Plant Height	150cm
Uniformity	2*
Stand-ability	2*
Threshability	2*
Head-smut Tolerance	3*
Leaf disease and stem rots	3*
Ear Type	Half Open
Grading	GM
Seed Colour	Red

*1 = Excellent
9=Poor

HYBRID GRAIN SORGHUM

NS5655

RED SORGHUM, LOW TANNIN

NS5655 is a hybrid grain sorghum with very good uniformity and threshability.

On average NS5655 takes approximately 80-85 days to reach 50% flower, and can be harvested after 140-145 approximately . This variety can reach heights of up to 1 55cm at maturity.

Notably NS5655 has good stand-ability, head-smut tolerance and leaf disease and stem rots tolerance.

NS5655 makes for an all-round great sorghum for both silage and grain.

- Very high stand-ability
- Great threshability
- Red seed colour
- GM grading



Kind	Hybrid
+/- Days to 50% flower	80-85
+/- Days to harvest	140-145
Plant Height	155cm
Uniformity	2*
Stand-ability	3*
Threshability	2*
Head-smut Tolerance	3*
Leaf disease and stem rots	3*
Ear Type	Half Open
Grading	GM
Seed Colour	Red

*1 = Excellent
9=Poor



HYBRID POPCORN

C-AP8202

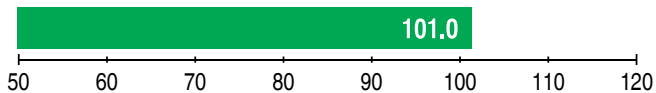
OVERVIEW

CAP 8202 is a very full season hybrid with high yields and extra-large kernel size. It has a nice mid-range popping expansion potential. This hybrid performs very well on more intensively managed irrigated land. 44 - 47 cc/g

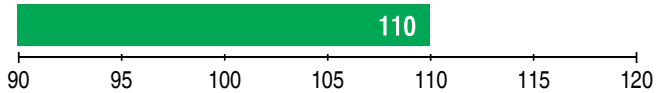
Recommended planting rate is approximately 75,000 plants per ha which on average requires 12.5 kgs seed per ha .



AG SELECTION INDEX



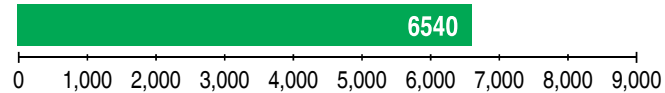
RELATIVE MATURITY



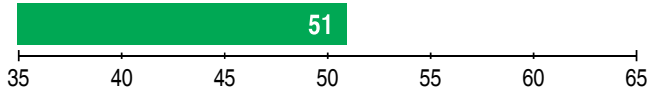
EXPANSION



MEAN YIELD



KERNELS PER 10G



HYBRID POPCORN

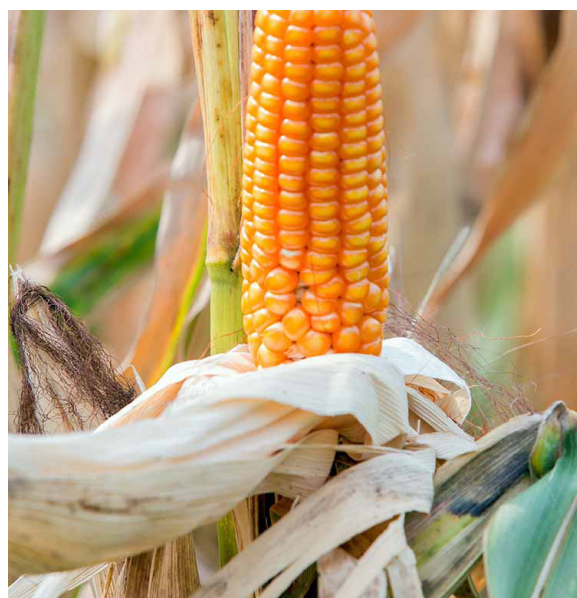
CAP 5636

HIGH YIELDING/EXPANSION

It has large orange kernels that perform well when popped in a microwave and in oil.

HYBRID CHARACTERISTICS:

Hybrid Type	Single Cross
Grain Color	Yellow / Orange
Cycle / Relative Maturity long	Long (125)
Days to Flowering	77
Days to Maturity	165
Plant height cm	220
Ear type (shape - rows - grains)	cylindrical 16/18 rows
Prolificity	1.1
Harvest Density pls / ha (52-70)	65,000
Behavior Tip Filling	Excellent
Stay green	Excellent
Stress tolerance	Very good
Performance Potential	Very high
Adaptation Zone	Sub Tropical



BEHAVIOR/TOLERANCE TO:

Foliar diseases / rust	Very Tolerant
Virus- MRC	Intermediate / High
Spike diseases	Very Good
Basal rot	High
Smut	Tolerant

COMMERCIAL QUALITY:

Expansion	High 40-44 cc / gr
K10	Medium Large 62
% on screen 6	High
Commercial appearance	Excellent
Rosette type	Butterfly



HYBRID POPCORN

CAP 5670

HIGH YIELDING/EXPANSION

It has large orange kernels that perform well when popped in a microwave and in oil.

HYBRID CHARACTERISTICS:

Hybrid Type	Single Cross
Grain Color	Yellow / Orange
Cycle / Relative Maturity long	Long (124)
Days to Flowering	77
Days to Maturity	165
Plant height cm	225
Ear type (shape - rows - grains)	cylindrical 14/18 rows
Prolificity	1.2
Harvest Density pls / ha (52-70)	65,000
Behavior Tip Filling	Excellent
Stay green	Excellent
Stress tolerance	Very good
Performance Potential	Very high
Adaptation Zone	Sub Tropical



BEHAVIOR/TOLERANCE TO:

Foliar diseases / rust	Tolerant
Virus- MRC	Intermediate / High
Spike diseases	Very Good
Basal rot	High
Smut	Intermediate

COMMERCIAL QUALITY:

Expansion	High 40-44 cc / gr
K10	Large 60
% on screen 6	High
Commercial appearance	Excellent
Rosette type	Butterfly

HYBRID SUNFLOWER

CAP 4064

MEDIUM -LATE MATURING

With exceptional self-compatibility, this high yielding sunflower hybrid has proven itself around the world as a top performer. CAP 4064 is a medium-late maturity hybrid with excellent standability and disease resistance.

Medium/Full Season Maturity

CAP 4064 is a medium-late maturing variety that reaches 50% flower in approximately 75 days. Harvest can be expected in approximately 140 days, depending on conditions.

Yield Potential

CAP 4064 consistently produces excellent yields in both trials and farmer's fields. It's standability is excellent, aided by thick stalks and vigorous growth.

Disease Resistance

CAP 4064 has an excellent level of disease tolerance to the major sunflower diseases including leaf rust, albugo white blister and Alternaria.

Oil Production

CAP 4064 is a consistently high producer of poly unsaturated oil. This makes it a popular choice with both farmers and crushers.



Semi—pendulous Heads

CAP 4064 has semi-pendulous heads which helps to reduce sunburn, head rot and bird damage. Its excellent self-compatibility is useful when native pollinators or bees are low in number.

HYBRID SUNFLOWER

CAP 4000

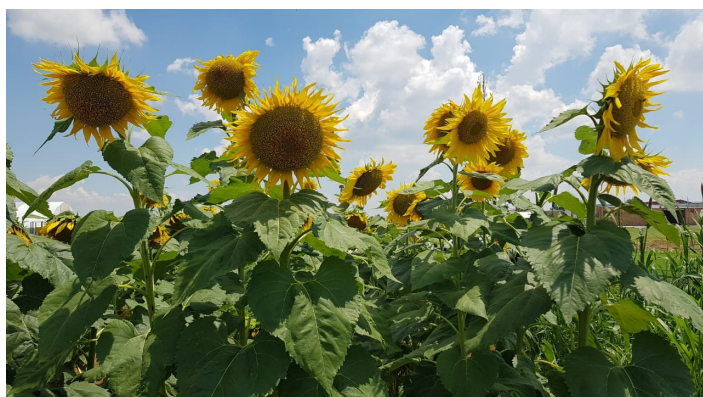
CAP 4000 is a medium to full season maturity variety which enables it to maximize yield in a wide range of conditions.

It has shown excellent yield potential in testing and production through-out the world since commercial release.

CAP 4000 has an excellent level of resistance to the major sunflower diseases including leaf rust, albugo white blister and alternaria.

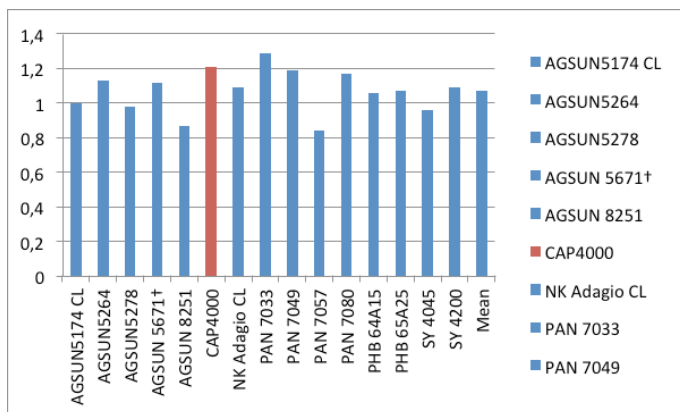
CAP 4000 produces a very good oil percentage with a high level of poly-unsaturated oil. It also has many other desirable agronomic traits including high levels of lodging resistance from thick stalks. It has semi-pendulous heads which help to reduce sunburn, head rot and bird problems.

Maturity	Full Season
Yield Potential	Excellent
Disease Resistance	Excellent
Oil Production	Very good
Heads	Semi-pendulous
Oil%	42-46

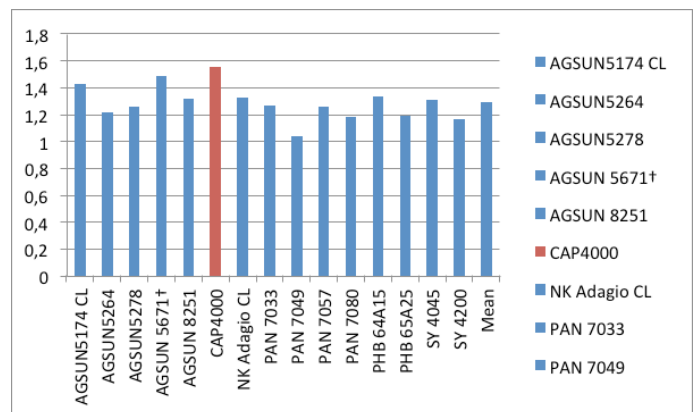


	Bainsvlei 08/12/2011	Clarens 13/12/2011	Delareyville	Kroonstad	Kroonstad 04/01/2012	Potchef- stroom 14/11/2011	Potchef- stroom 22/11/2011	Potchef- stroom 07/12/2011	Potchef- stroom 19/12/2011	Potchef- stroom 11/01/2012	Potchef- stroom 20/01/2012	Settlers 20/01/2012	Viljoen- skroon	Mean
AGSUN5174 CL	2.35	1.89	2.9	1.68	0.7	2.79	1.8	1.3	1.68	1.45	1.43	1	1.3	1.71
AGSUN5264	3.27	1.78	3.1	2.33	1.46	3.82	1.79	1.5	2.6	1.32	1.22	1.13	2.36	2.13
AGSUN5278	3.33	2	3.49	2.17	1.53	3.9	2.04	1.45	3.05	1.18	1.26	0.98	2.03	2.19
AGSUN 5671†	2.22	1.72	3.53	1.67	1.46	3.36	1.86	1.34	2.02	1.28	1.49	1.12	1.99	1.93
AGSUN 8251	3.15	2.08	3.79	2.06	1.82	3.95	1.62	1.1	2.69	1.07	1.32	0.87	1.84	2.11
CAP4000	3.63	2.1	2.63	2.19	1.12	3.72	1.82	1.23	2.4	1.32	1.55	1.21	2.08	2.08
NK Adagio CL	2.58	2.16	2.69	1.69	1.19	3.1	1.79	1.33	1.88	1.16	1.33	1.09	1.41	1.8
PAN 7033	2.98	2.05	3	2.74	1.57	4.18	1.59	1.13	2.77	1.32	1.27	1.29	1.85	2.13
PAN 7049	3.47	2.66	2.99	2.5	1.75	3.76	1.91	1.25	2.97	1.38	1.04	1.19	1.72	2.2
PAN 7057	3.31	1.99	2.82	2.76	1.58	3.95	1.97	1.14	2.97	1.24	1.26	0.84	1.82	2.13
PAN 7080	4.09	2.18	2.95	2.56	1.36	4.17	1.81	1.03	2.84	1.42	1.18	1.17	2.47	2.25
PHB 64A15		1.77	2.96	1.73	0.93	3.25	1.82	1.42	2.16	1.59	1.34	1.06	1.78	1.82
PHB 65A25	2.71	1.96	3.11	2.49	1.1	3.54	1.77	1.17	2.83	1.42	1.19	1.07	1.9	2.02
SY 4045	2.7	1.76	2.52	1.81	1.41	3.46	1.91	1.44	2.45	1.42	1.31	0.96	1.84	1.92
SY 4200	3.88	2.28	2.67	1.88	1.15	3.53	1.61	1.33	2.69	1.26	1.17	1.09	2.43	2.07
Mean	3.1	2.03	3.01	2.15	1.34	3.63	1.81	1.28	2.53	1.32	1.29	1.07	1.92	
CV	(%)	11	14	13	14	19	7	12	16	12	15	18	9	20

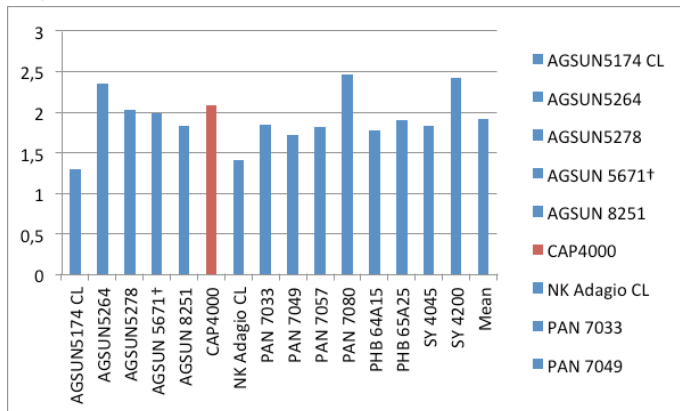
Settlers



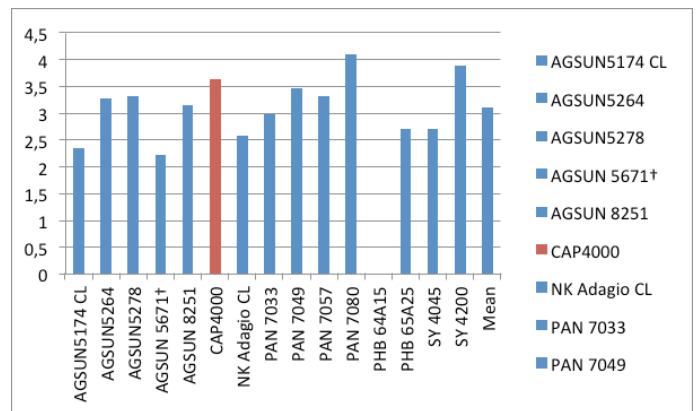
Potchefstroom

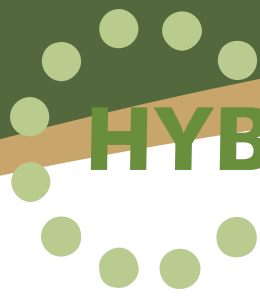


Viljoenskroon



Bainsvlei





HYBRID SUNFLOWER

CAP 4065

MEDIUM MATURING

CAP 4065 is a high yielding, medium maturity hybrid that consistently produces seed with a very high oil content. Coupled with excellent standability and a high degree of self-compatibility, CAP 4065 is the hybrid of choice for discerning growers.

Medium/Full Season Maturity

CAP 4065 is a medium maturing variety that reaches 50% flower in approximately 72 days. Harvest can be expected in approximately 140 days, depending on conditions.

Yield Potential

CAP 4065 produces excellent yields under a wide range of conditions. It has a consistently high oil content - a bonus when the market pays an oil premium to growers. CAP 4065 also has very good standability.

Disease Resistance

CAP 4065 has an excellent level of disease tolerance to the major sunflower diseases including leaf rust, albugo white blister and Alternaria.

Seed Quality

CAP 4065 produces seed of a very high quality, enabling a level of tolerance to weathering.



Semi—pendulous Heads

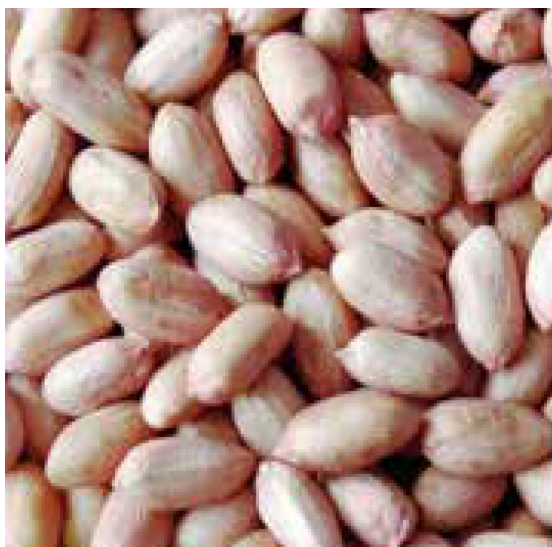
CAP 4065 has semi-pendulous heads which helps to reduce sunburn, head rot and bird damage. CAP 4065 has some of the highest self-compatibility levels commercially available. This is very useful when native pollinators and bees are low in number, or weather conditions at flowering do not favour pollinator activity.

GROUNDNUTS

AKWA

AKWA has a growth period of 150 days and a good resistance to Pod Nematode, Black Hull and Sclerotinia. It has a good yield potential and was developed by the ARC.

- Growth Period of 150 days
- Good Resistance to Pod Nematode, Black Hull and Sclerotinia
- Good yield potential



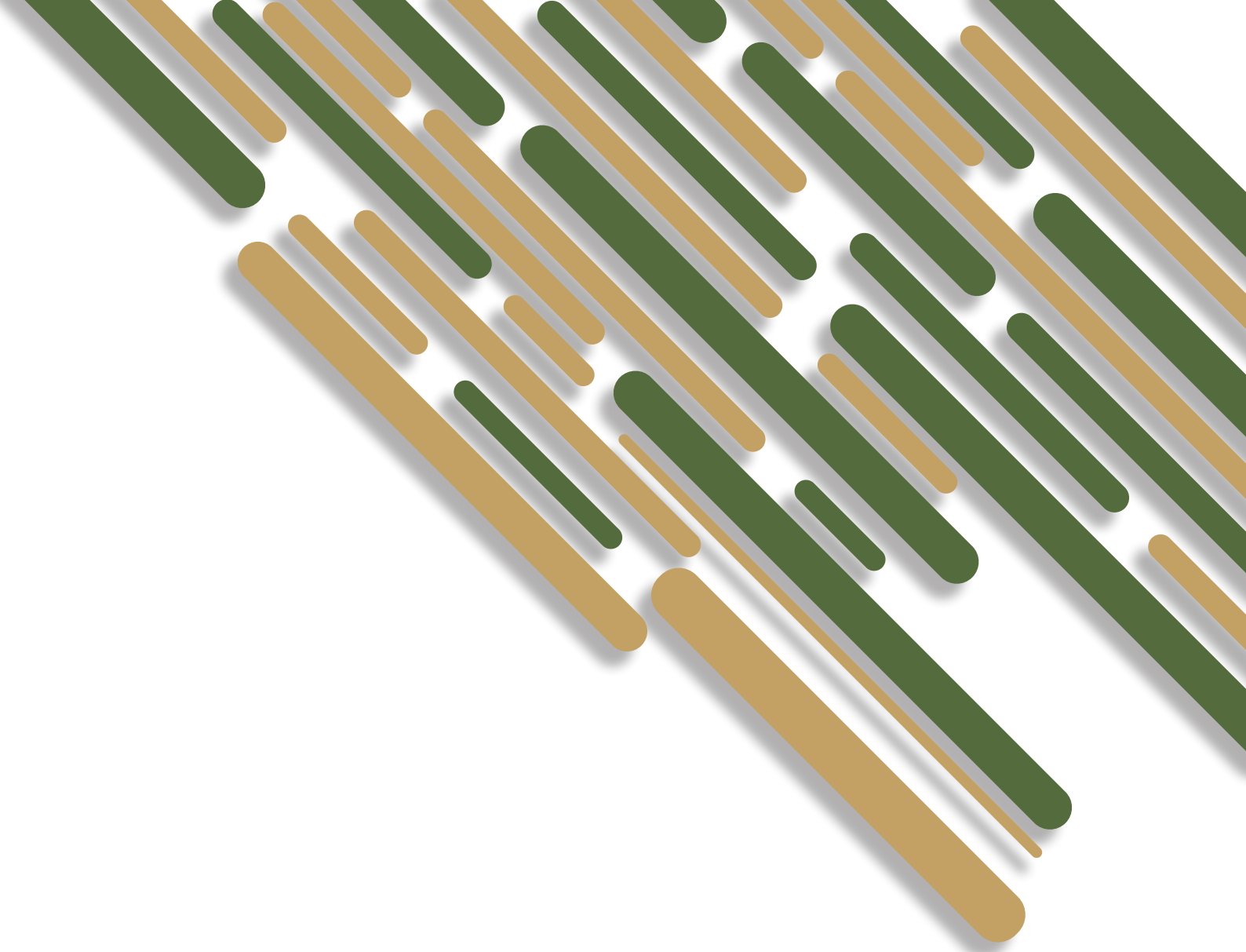
GROUNDNUTS

KWARTS

KWARTS has a wide area of adaptability and is recommended for both dryland and irrigation. It produces about 92% round kernels. Although the kernels are slightly smaller than those of comparable cultivars, a high percentage of choice grade nuts are produced.

- Wide adaptability
- Resistance to Pod Nematode
- Recommended for both dryland and irrigation
- 92% round kernels

KWARTS shows tolerance to the groundnut Pod Nematode and was developed by the ARC



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CAP22SC01