

YELLOW OPEN POLLINATED MAIZE

OKAVANGO FLINT (PBR)

EARLY

MEDIUM

LATE

Empowering Emerging Farmers

OKAVANGO FLINT, a medium season yellow cultivar, is popular as a poultry and livestock feed, as well as for commercial production. It is moderately tolerant to Diplodia with large kernels that are dent to flint. OKAVANGO FLINT is suitable for silage maize production: it is very adaptable and well suited to marginal and high production areas and produces large cobs on a tall plant.

- Yellow Maize
- Large Cobs
- Tall and Strong
- Drought Tolerant



Table 3.1.4: The number of days from planting to mid-silking, mid-pollen and physiological maturity recorded at 4 sites

Site	Days to mid-silking				Days to mid-pollen shed				Days to physiological maturity		
	ART1	ART2	Arc-turus	Enter-prise	ART1	ART2	Arc-turus	Enter-prise	ART1	ART2	Enterprise
Altitude (m)	1 480	1 480	1300	1300	1480	1480	1300	1300	1480	1480	1300
Variety											
NELSON CHOICE	71	73	73	71	71	72	72	70	145	134	155
CAP9315 OPV	68	70	69	65	69	71	69	65	134	130	145
OKAVANGO (Y)	71	71	70	70	71	72	70	70	136	131	152
CAP341 NG	68	72	70	69	67	71	70	66	132	126	140
CAP9001	74	73	74	70	75	74	74	70	144	132	148
CAP9421	67	68	70	68	68	70	70	67	134	127	139
CAP9013	71	73	72	70	72	73	72	70	142	132	150
CAP766NG (Y)	71	73	73	71	71	73	73	71	137	129	133
CAP9004 (Y)	67	69	70	66	68	70	70	67	133	130	146
Trial Mean	74	74	74	71	74	74	73	70	145	134	149
STD ERR	0,8	1	1	1	0,8	1	1	1	2	5	3
Significance	***	***	***	***	***	***	***	***	***	*	***
5% LSD	2,25	2	3	3	2,25	2	2	3	6	13	9
C.V (%)	2	2	2	2	2	2	2	2	3	6	4

Recommended for regions:

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



Table 3: 2 Grain yield (t/ha at 12.5% moisture content) of 68 maize hybrids 2010 - 2011

Site	ART1	ART2	Enterprise	Mvurwi	Mhangura	Mutepepa	Arcturus	Marondera	Masvingo	Headlands	Beatrice	Chinhoyi	Lion's Den	Raffinogora	Selous	Chegutu (S)	Chegutu (C)	Concession	Mutare	Kadoma	Mean	
Altitude (m)	1480	1480	1300	1477	1098	1200	1300	1500	1108	1500	1328	1200	1098	1150	1278	1200	1200	1150	1138	1149		
Variety																						
NELSON CHOICE																						
CAP9315 OPV	9,11	6,96	9,22	10,68	9,16	10,01	10,97	8,08	6,14	9,99	6,67	11,33	12,52	9,37	7,94	8,34	8,33	7,22	10,59	5,74	8,92	
OKAVANGO (Y)	9,62	5,76	8,28	9,93	7,60	10,03	11,10	8,33	4,48	11,01	6,67	11,55	10,69	8,58	8,29	7,38	7,93	6,85	9,43	7,85	8,57	
CAP341 NG	9,45	6,14	7,94	9,34	7,24	9,33	10,49	7,20	5,98	10,03	7,17	11,37	10,26	7,82	9,18	7,94	6,34	8,23	8,67	6,61	8,34	
CAP9001	10,03	5,84	9	11,80	8,76	10,33	10,76	8,08	5,71	10,94	8,22	11,16	11,55	9,88	8,75	9,21	8,74	6,76	10,67	6,16	9,12	
CAP9421	11,99	7,32	9,5	11,94	10,11	12,39	12,55	8,74	5,97	11,54	6,21	12,94	12,45	9,94	9,52	7,34	10,29	8,40	10,61	7,07	9,84	
CAP9013	9,26	4,70	7,9	11,61	8,49	9,90	10,38	6,99	6,68	10,32	7,19	12,18	11,59	8,45	8,27	8,76	7,58	5,56	10,13	6,46	8,62	
CAP766NG (Y)	11,60	7,41	10,33	11,32	9,86	12,30	13,16	8,31	5,29	12,60	7,31	12,46	12,29	9,24	10,67	10,59	7,32	8,45	11,24	7,49	9,96	
CAP9004 (Y)	11,97	4,22	7,28	11,00	9,64	11,53	10,76	5,76	4,03	10,45	6,64	12,10	10,15	8,24	9,62	6,30	6,10	5,49	12,35	7,56	8,56	
	10,88	7,51	9,1	11,23	8,01	10,52	11,33	6,93	6,41	11,23	8,39	12,77	11,45	8,86	9,72	7,50	6,36	9,08	10,06	7,56	9,25	
Trial Mean	11,66	7,66	9,91	12,16	9,63	11,56	12,68	7,82	5,87	12,96	7,37	13,33	13,05	9,94	10,05	9,21	8,30	8,61	11,19	7,23		
STD ERR	0,31	0,45	0,47	0,67	0,40	1,00	0,60	0,54	0,87	0,68	0,53	0,54	0,54	0,60	0,51	0,26	0,52	0,57	0,80	0,00		
Significance	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
5% LSD	0,86	1,27	1,3	1,88	1,16	1,53	1,69	1,52	1,58	1,90	1,48	1,51	1,51	1,67	1,42	0,74	1,46	1,59	1,00	1,00		
C.V. (%)	5	10	8	10	7	8	8	12	17	9	12	7	7	10	9	0	11	11	6	10		