

## MIELIE-INLIGTINGSGIDS | MAIZE INFORMATION GUIDE | 2014

### KORTGROEISEISOEN GEELMIELIEKULTIVARS / (Koel tot matige streek) SHORT GROWING SEASON FOR YELLOW MAIZE CULTIVARS (Cool to temperate region)

Kultivars waarvan inligting vir drie seisoene beskikbaar is (oessekerheidswaardes) 22 proewe  
(Aantal lokaliteite oor drie seisoene)

Cultivars of which information is available for three seasons (yield reliability values) 22 trials  
(Sum of the Localities during three seasons)

#### Opbrengspotensiaal / Yield potential

CULTIVAR	7 TON	8 TON	9 TON	10 TON	11 TON	Gem/ Mean#	Hell/ Slop	D2
PAN 3Q-740BR*	7.50	8.57	9.64	10.72	11.79	13.61	1.07	0.7665
Phb 32D96B	6.96	8.08	9.20	10.31	11.43	13.31	1.12	0.9449
PAN 3P-502R	7.43	8.44	9.45	10.47	11.48	13.19	1.01	1.1109
PAN 3D-736BR	6.30	7.48	8.67	9.85	11.04	13.04	1.19	0.6407
PAN 6236B	7.01	8.02	9.03	10.03	11.04	12.74	1.01	0.8717
IMP 50-90BR	6.63	7.66	8.68	9.70	10.72	12.44	1.02	0.7199
DKC62-84R	7.34	8.20	9.05	9.90	10.76	12.20	0.85	0.7014
PAN 6126	6.61	7.57	8.53	9.49	10.45	12.07	0.96	1.1234
KKS 4270B	7.21	7.98	8.75	9.53	10.30	11.60	0.77	1.4179

Kultivars waarvan inligting vir twee seisoene beskikbaar is (oessekerheidswaardes) 13 proewe  
(Aantal lokaliteite oor twee seisoene)

Cultivars of which information is available for two seasons (yield reliability values) 13 trials (Sum of the Localities during two seasons)

#### Opbrengspotensiaal / Yield potential

CULTIVAR	7 TON	8 TON	9 TON	10 TON	11 TON	Gem/ Mean#	Hell/ Slop	D2
BG 3492B	6.85	8.00	9.16	10.32	11.47	13.16	1.16	1.9890
PAN 3Q-740BR*	6.71	7.87	9.04	10.20	11.36	13.06	1.16	1.1610
P 1615R	7.52	8.52	9.52	10.52	11.52	12.98	1.00	1.5330
IMP 50-10R	8.77	9.52	10.26	11.01	11.76	12.85	0.75	0.8584
Phb 32D96B	6.79	7.87	8.95	10.04	11.12	12.70	1.08	0.8195
PAN 3Q-240	7.30	8.28	9.26	10.25	11.23	12.67	0.98	0.5996
PAN 3D-736BR	6.10	7.30	8.49	9.69	10.89	12.63	1.20	0.8945
PAN 3P-502R	7.13	8.13	9.12	10.12	11.12	12.57	1.00	0.8661
Phb 31D22BR	5.88	7.09	8.29	9.50	10.71	12.47	1.21	0.8185

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CULTIVAR	7 TON	8 TON	9 TON	10 TON	11 TON	Gem/ Mean#	Hell/ Slop	D2
DKC61-90	9.27	9.85	10.43	11.02	11.60	12.45	0.58	0.6960
PAN 6126	6.86	7.88	8.89	9.91	10.92	12.40	1.02	0.4777
DKC64-78BR GEN	7.18	8.13	9.08	10.03	10.98	12.37	0.95	0.7450
PAN 6236B	6.90	7.90	8.89	9.89	10.89	12.34	1.00	0.7594
DKC62-84R	7.47	8.35	9.22	10.10	10.98	12.26	0.88	0.3027
IMP 50-90BR	5.89	7.03	8.17	9.31	10.45	12.11	1.14	0.5642
KKS 8216BR	6.82	7.75	8.67	9.60	10.53	11.89	0.93	0.8316
DKC62-80BR GEN	5.60	6.72	7.84	8.96	10.08	11.72	1.12	1.0260
KKS 4270B	6.94	7.80	8.66	9.52	10.37	11.63	0.86	0.4183

Kultivars waarvan inligting vir een seisoen beskikbaar is (gemiddeldes) 5 proewe  
(Aantal lokaliteite vir een seisoen)

Cultivars of which information is available for one season (mean values) 5 trials  
(Sum of the Localities during one season)

CULTIVAR	Gem/Mean#
BG 3292	12.45
BG 3768BR	12.38
BG 3592R	12.17
IMP 50-10R	12.14
DKC61-94BR	12.06
IMP 50-10B	11.88
Phb 32D96B	11.84
PAN 3Q-740BR*	11.69
P1184R	11.54

# Mean yield of the specific cultivar over all trials

# Gemiddelde opbrengs vir die spesifieke kultivar vir al die proewe

\*Verwysingscultivar / Reference cultivar

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### KORTGROEISEISOEN GEELMIELIEKULTIVARS (Warm Streek) SHORT GROWING SEASON FOR YELLOW MAIZE CULTIVARS (Hot region)

Kultivars waarvan inligting vir drie seisoene beskikbaar is (oessekerheidswaardes) 11 proewe  
(Aantal lokaliteite oor drie seisoene)

Cultivars of which information is available for three seasons (yield reliability values) 11 trials  
Sum of the Localities during three(seasons)

#### Opbrengspotensiaal / Yield potential

CULTIVAR	7 TON	8 TON	9 TON	10 TON	11 TON	Gem/ Mean#	Hell/ Slop	D2
PAN 3Q-740BR	5.70	6.91	8.12	9.33	10.54	14.05	1.21	0.5720
PAN 3D-736BR*	6.56	7.74	8.91	10.08	11.26	14.66	1.17	0.5733
PAN 3P-502R	6.56	7.74	8.91	10.08	11.26	13.44	1.17	0.5733
PAN 6126	6.99	8.00	9.01	10.02	11.03	13.96	1.01	1.0340
KKS 4270B	5.88	6.85	7.81	8.77	9.74	12.53	0.96	0.9279
DKC62-84R	8.20	9.12	10.05	10.98	11.90	14.59	0.93	1.7240
IMP 50-90BR	7.82	8.72	9.62	10.52	11.42	14.02	0.90	1.3060
PAN 6236B	8.90	9.71	10.52	11.32	12.13	14.47	0.81	0.5108
Phb 32D96B	8.00	8.78	9.56	10.34	11.12	13.39	0.78	2.1380

Kultivars waarvan inligting vir twee seisoene beskikbaar is (oessekerheidswaardes) 9 proewe  
(Aantal lokaliteite oor twee seisoene)

Cultivars of which information is available for two seasons (yield reliability values) 9 trials  
(Sum of the Localities during two seasons)

#### Opbrengspotensiaal / Yield potential

CULTIVAR	7 TON	8 TON	9 TON	10 TON	11 TON	Gem/ Mean#	Hell/ Slop	D2
PAN 3D-736BR*	6.80	7.94	9.08	10.21	11.35	14.93	1.14	1.1340
DKC62-84R	8.21	9.14	10.06	10.99	11.91	14.83	0.93	2.1440
PAN 6236B	9.33	10.08	10.83	11.58	12.34	14.70	0.75	0.5237
BG 3492B	6.04	7.25	8.46	9.67	10.87	14.67	1.21	0.8372
DKC62-80BR GEN	6.96	8.03	9.10	10.17	11.24	14.61	1.07	3.7660
KKS 8216BR	8.41	9.27	10.13	10.99	11.85	14.56	0.86	0.9180
PAN 6126	7.48	8.46	9.44	10.41	11.39	14.47	0.98	0.7081
PAN 3Q-240	6.80	7.87	8.94	10.00	11.08	14.44	1.07	1.8740
PAN 3Q-740BR	5.09	6.36	7.64	8.92	10.20	14.23	1.28	0.6513

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CULTIVAR	7 TON	8 TON	9 TON	10 TON	11 TON	Gem/ Mean#	Hell/ Slop	D2
Phb 31D22BR	5.56	6.77	7.99	9.20	10.41	14.22	1.21	0.6503
DKC64-78BR GEN	9.08	9.80	10.51	11.22	11.93	14.17	0.71	1.7570
IMP 50-90BR	7.41	8.35	9.29	10.23	11.17	14.13	0.94	1.5750
DKC61-90	7.24	8.20	9.16	10.12	11.08	14.11	0.96	1.7340
P 1615R	6.78	7.74	8.71	9.67	10.64	13.67	0.97	2.5630
IMP 50-10R	7.21	8.09	8.97	9.85	10.73	13.49	0.88	3.0880
PAN 3P-502R	3.89	5.20	6.52	7.83	9.15	13.29	1.32	0.5895
Phb 32D96B	7.59	8.38	9.18	9.98	10.77	13.27	0.80	2.8790
KKS 4270B	6.15	7.08	8.02	8.95	9.88	12.81	0.93	0.7206

Kultivars waarvan inligting vir een seisoen beskikbaar is (gemiddeldes) 5 proewe (Aantal lokaliteite vir een seisoen)

Cultivars of which information is available for one season (mean values) 5 trials (Sum of the Localities during one season)

CULTIVAR	Gem/Mean#
PAN 3D-736BR*	15.06
DKC61-94BR	15.95
BG 3768BR	15.31
P 1184R	14.70
BG 3592R	14.18
BG 3292	14.13
IMP 50-10B	13.76
Phb 32D96B	13.13

\*Verwysingskultivar / Reference cultivar

# Mean yield of the specific cultivar over all trials

# Gemiddelde opbrengs vir die spesifieke kultivar vir al die proewe

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### AGRONOMIESE EIENSKAPPE VAN MIELIEKULTIVARS VIR KORTGROEISEISOEN AGRONOMIC CHARACTERISTICS OF MAIZE CULTIVARS FOR SHORT GROWING SEASON

Kultivars waarvan inligting vir drie seisoene beskikbaar is  
Cultivars of which information is available for three seasons

Cultivar	Groei seisoen Growing season	% Omval Lodging	% Spruite Tillers	Koppe Ears plant <sup>-1</sup>	% Graan Vog Grain moisture
DKC62-84R	K/S	0.36	9.97	1.12	13.49
IMP 50-90BR	K/S	1.46	10.13	0.88	14.26
KKS 4270B	K/S	2.03	9.05	1.10	13.70
PAN 3D-736BR*	K/S	1.97	10.79	0.92	13.66
PAN 3P-502R	K/S	5.54	10.57	0.91	13.77
PAN 3Q-740BR*	K/S	5.87	10.55	0.92	14.14
PAN 6126	K/S	2.46	10.65	0.90	13.56
PAN 6236B	K/S	0.67	11.45	0.90	13.50
Phb 32D96B	M-K/S	3.58	9.93	0.87	14.97

Kultivars waarvan inligting vir twee seisoene beskikbaar is  
Cultivars of which information is available for two seasons

Cultivar	Groei seisoen Growing season	% Omval Lodging	% Spruite Tillers	Koppe Ears plant <sup>-1</sup>	% Graan Vog Grain moisture
BG 3492B	K/S	1.39	12.36	1.12	13.97
DKC61-90	K/S	0.60	9.26	3.07	13.67
DKC62-80BR GEN	K/S	0.39	10.45	1.13	13.68
DKC62-84R	K/S	0.55	10.12	1.11	13.51
DKC64-78BR GEN	K/S	2.97	11.10	1.11	14.10
IMP 50-10R	K/S	5.08	10.45	1.08	14.67
IMP 50-90BR	K/S	1.71	10.94	1.09	14.29
KKS 4270B	K/S	1.70	9.68	1.09	13.88
KKS 8216BR	K/S	6.70	9.55	1.07	14.76
P 1615R	K/S	1.93	13.18	1.17	13.62
PAN 3D-736BR*	K/S	2.63	11.29	1.15	13.81

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Cultivar	Groei seisoen Growing season	% Omval Lodging	% Spruite Tillers	Koppe Ears plant <sup>-1</sup>	% Graan Vog Grain moisture
PAN 3P-502R	K/S	7.66	10.79	1.14	14.12
PAN 3Q-240	K/S	6.89	10.81	1.10	14.20
PAN 3Q-740BR*	K/S	8.21	11.52	1.13	14.47
PAN 6126	K/S	2.53	11.68	1.11	13.79
PAN 6236B	K/S	1.01	12.34	1.13	13.92
Phb 31D22BR	K/S	5.62	14.01	1.18	14.85
Phb 32D96B	M-K/S	4.20	10.22	1.09	15.43

Kultivars waarvan inligting vir een seisoen beskikbaar is  
Cultivars of which information is available for one season

Cultivar	Groei seisoen Growing season	% Omval Lodging	% Spruite Tillers	Koppe Ears plant <sup>-1</sup>	% Graan Vog Grain moisture
BG 3292	K/S	1.8	7.7	1.1	15.0
BG 3592R	M-K/S	2.9	10.1	1.1	15.6
BG 3768BR	K/S	0.8	5.9	1.1	15.2
DKC61-94BR	K/S	0.3	10.3	1.1	13.7
IMP 50-10B	K/S	9.6	9.7	1.0	15.3
P 1184R	K/S	8.0	5.9	1.1	13.8
PAN 3D-736BR*	K/S	2.4	9.7	1.1	14.3
PAN 3Q-740BR*	K/S	12.4	8.8	1.1	15.5
Phb 32D96B	M-K/S	6.5	5.3	1.1	16.9

\*Verwysingskultivar / Reference cultivar

# Mean yield of the specific cultivar over all trials

# Gemiddelde opbrengs vir die spesifieke kultivar vir al die proewe