**Koringkultivar Proef Resultate**

Met die huidige landbou toestande moet daar sorgvuldig gekyk word na maksimale winste. Kultivar keuse is dus van uiterste belang om te verseker dat optimale opbrengste realiseer om volhoubaar en winsgewend te boer.

Dit is vir OVK belangrik om inligting deur te gee wat produsente kan help om ΄n meer objektiewe en ingeligte besluit te neem.

Die OVK Kultivar proewe is in samewerking met verskeie medewerkers en saadmaatskappye uitgevoer.

**Besproeiings proef**

Die resultate van die verskeie seisoene word in Tabel 1 weergegee.

**Tabel 1:** Koring kultivar opsomming vir 2012 tot 2015 seisoene.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Kultivar** | **R** | **2012** | **Graad** | **R** | **2013** | **Graad** | **R** | **2014** | **Graad** | **R** | **2015** | **Graad** | **2012-2015** |
| BUFFELS | **19** | 5.91 | B3 | **12** | 8.97 | B3 | **-** | - | - | - | - | - | 7.44 |
| DUZI MAX | **-** | - | - | **-** | - | - | **-** | - | - | **11** | 9.54 | B1 | 9.54 |
| DUZI PLUS | **-** | - | - | **-** | - | - | **-** | - | - | **17** | 8.98 | B1 | 8.98 |
| DUZI | **11** | 6.74 | B2 | **7** | 9.12 | B1 | **8** | 8.58 | B1 | **8** | 9.89 | B1 | 8.58 |
| KARIEGA | **18** | 5.95 | B3 | - | - | - | **10** | 8.63 | B2 | **16** | 9.12 | B2 | 7.90 |
| KROKODIL | **14** | 6.64 | B2 | **3** | 10.30 | B1 | **16** | 7.66 | B2 | **2** | 10.30 | B2 | 8.72 |
| PAN3400 | **4** | 7.70 | B2 | **2** | 10.72 | B2 | **4** | 9.19 | B2 | **4** | 10.23 | B2 | 9.46 |
| PAN3471 | **1** | 8.16 | B3 | **1** | 10.63 | B1 | **3** | 9.94 | B3 | **1** | 10.42 | B1 | 9.79 |
| PAN3478 | **2** | 8.06 | B3 | **6** | 10.26 | B3 | **-** | - | - | - | - | - | 9.16 |
| PAN3489 | **3** | 7.80 | B3 | - | - | - | **-** | - | - | - | - | - | 7.80 |
| PAN3497 | **6** | 7.15 | B3 | **5** | 10.46 | B3 | **5** | 9.16 | B2 | **7** | 9.90 | B1 | 9.17 |
| PAN3515 | **-** | - | - | **-** | - | - | **15** | 7.73 | B2 | **10** | 9.75 | B2 | 8.74 |
| PAN3623 | **-** | - | - | **-** | - | - | **2** | 10.35 | B3 | **15** | 9.22 | B1 | 9.79 |
| SABIE | **15** | 6.28 | B2 | **4** | 9.92 | B1 | **9** | 8.67 | B2 | **12** | 9.37 | B2 | 8.40 |
| SST806 | **16** | 6.25 | B3 | - | - | - | **17** | 7.39 | B2 | **13** | 9.29 | B1 | 7.64 |
| SST835 | **9** | 6.79 | B3 | **11** | 9.36 | B3 | **13** | 8.39 | B2 | **6** | 9.90 | B2 | 8.61 |
| SST843 | **17** | 6.16 | B1 | - | - | - | **12** | 8.10 | B1 | - | - | - | 7.13 |
| SST866 | **-** | - | - | - | - | - | **14** | 8.73 | B3 | **9** | 9.78 | B2 | 9.26 |
| SST867 | **13** | 6.72 | B2 | - | - | - | **-** | - | - | - | - | - | 6.72 |
| SST875 | **8** | 6.86 | B3 | **10** | 9.49 | B3 | **1** | 10.13 | B1 | **14** | 9.24 | B1 | 8.93 |
| SST877 | **12** | 6.74 | B2 | - | - | - | **11** | 8.48 | B2 | - | - | - | 7.61 |
| SST884 | **5** | 7.29 | B2 | **8** | 9.75 | B3 | **7** | 9.05 | B2 | **3** | 10.27 | B2 | 9.09 |
| SST895 | **7** | 7.10 | B2 | **9** | 9.65 | B3 | **6** | 9.11 | B2 | **5** | 10.13 | B1 | 9.00 |
| STEENBRAS | **10** | 6.77 | B2 | - | - | - | **-** | - | - | - | - | - | 6.77 |
| **Gemiddeld** |  | **6.90** |  |  | **9.88** |  |  | **8.78** |  |  | **9.73** |  | **8.50** |

**Tabel 2:** Optimum plantdatums en plantye

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Cultivar** | **Petrusville Hopetown** | **Douglas Prieska** | **Modderrivier Kimberley Barkley- Wes** | **Aanbevole kg saad/ha** | **Plante/m²** |
| Baviaans(PTR) | 1/6-30/6 | 1/6-25/6 | 1/6-25/6 | 80-110 | 200-275 |
| Buffels(PTR) | 1/6-15/7 | 10/6-20/7 | 10/6-20/7 | 100-130 | 175-250 |
| Duzi(PTR) | 1/6-15/7 | 10/6-20/7 | 10/6-20/7 | 100-130 | 250-300 |
| Kariega | 1/6-30/6 | 1/6-25/6 | 1/6-25/6 | 80-110 | 175-250 |
| Krokodil(PTR) | 1/6-15/7 | 1/6-15/7 | 1/6-30/6 | 100-130 | 275-350 |
| Olifants(PTR) | 1/6-15/7 | 1/6-10/7 | 1/6-30/6 | 80-130 | 250-300 |
| PAN 3400(PTR) | 10/6-25/7 | 15/6-25/7 | 15/6-25/7 | 110-130 | 275-325 |
| PAN 3471(PTR) | 1/6-15/7 | 10/6-20/7 | 10/6-20/7 | 100-120 | 250-325 |
| PAN 3497(PTR) | 1/6-30/6 | 1/6-25/6 | 1/6-25-6 | 90-110 | 225-275 |
| Sabie(PTR) | 1/6-30/6 | 1/6-25/6 | 1/6-25/6 | 80-110 | 175-250 |
| SST 806(PTR) | 1/6-15/7 | 1/6-15/7 | 1/6-15/7 | 100-120 | 275-325 |
| SST 822(PTR) | 15/6-31/7 | 30/6-31/7 | 15/6-25/7 | 160-200 | 300-375 |
| SST 835(PTR) | 15/6-20/7 | 15/6-20/7 | 10/6-20/7 | 110-140 | 275-325 |
| SST 843(PTR) | 15/6-31/7 | 30/6-31/7 | 15/6-25/7 | 110-140 | 275-325 |
| SST 866(PTR) | 1/6-15/7 | 1/6-15/7 | 1/6-15/7 | 100-120 | 275-350 |
| SST 867(PTR) | 1/6-15/7 | 1/6-10/7 | 1/6-30/6 | 100-120 | 275-350 |
| SST 875(PTR) | 15/6-20/7 | 15/6-20/7 | 10/6-20/7 | 100-120 | 275-350 |
| SST 876(PTR) | 15/6-15/7 | 1/6-15/7 | 1/6-15/7 | 120-140 | 300-375 |
| SST 877(PTR) | 1/6-15/7 | 1/6-10/7 | 1/6-30/6 | 100-120 | 275-350 |
| SST 884(PTR) | 15/6-31/7 | 30/6-31/7 | 15/6-25/7 | 110-140 | 275-325 |
| SST 895(PTR) | 15/6-20/7 | 15/6-20/7 | 10/6-20/7 | 110-140 | 275-325 |
| Steenbras(PTR) | 20/6-31/7 | 25/6-31/7 | 15/6-25/7 | 100-120 | 275-350 |

#PTR: Kultivar beskerm deur Planttelersregte (Bron: LNR - Kleingraaninstituut)

Bogenoemde kultivars voldoen almal aan die grade van die broodkoringklas

**Droëland proewe**

OVK bied inligting aan sy kliënte deur onafhanklik proewe in OVK se bedienings gebiede te plant en te evalueer. Hierdie koringproewe is vir die eerste keer in die Noordelike bedieningsgebied geplant deur OVK in samewerking met verskeie saadmaatskappye.

Die afgelope koringseisoen was een van uiterstes wat klimaatstoestande betref het.

Uit die kultivarproewe kan die volgende inligting verkry word:

* Die opbrengste van die verskillende kultivars
* Aanpasbaarheid van die kultivars in die spesifieke gebied
* Nuwe kultivars word getoets vir aanpasbaarheid en opbrengste
* Proewe word deur onafhanklike instansies geevalueer
* Produsente kan aan die hand van resultate ingeligte besluite neem.

Omdat klimaatstoestande so onvoorspelbaar is, is dit noodsaaklik om kultivars te kies wat die risiko vir die produsent sal verlaag. Hierdie inligting stel die produsent in staat om ingeligte besluite te neem en die beste pakket van kultivars saam te stel.

In tabel 3 kan die optimale plantdatums en plantdigthede wat in die Oos-Vrystaat van toepassing is gesien word.

**Tabel 3**: Optimale plantdatums en plantdigthede vir koring in die Oos-Vrystaat

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Kultivar | Plantdatum ( weke) | | | | | | | | | | | | | | | | | | Plantdigtheid (kg/ha) |
| Mei | | | | | Junie | | | | Julie | | | | Augustus | | | | |
| 1 | 2 | 3 | 4 | 1 | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | 1 | 2 | 3 | 4 |
| Elands(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 15-30 |
| Gariep |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 15-30 |
| Koonap(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 15-30 |
| Matlabas(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-25 |
| Senqu(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 15-30 |
| PAN 3118(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 15-30 |
| PAN 3120(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 15-30 |
| PAN 3161(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-25 |
| PAN 3195(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-25 |
| PAN 3368(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 25-40 |
| PAN 3379(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 25-40 |
| SST 316(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-30 |
| SST 317 (PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-25 |
| SST 347(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-25 |
| SST 356 (PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-30 |
| SST 374(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 30-40 |
| SST 387(PTR) |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  | 20-25 |

#PTR Kultivar beskerm deur Planttelersregte (Bron: LNR - Kleingraaninstituut)

Bogenoemde kultivars voldoen almal aan die grade van die broodkoringklas

**Proef Resultate**

|  |  |  |
| --- | --- | --- |
| **Lokaliteit:** | Fouriesburg | |
| **Plantdatum:** | 07/07/2015 | |
| **Bemesting:** | 69N, 15P, 9K | |
| **Kontrole:** | PAN 3161 | |
| **Gemiddeld:** | 1.64 t/ha | |
|  |  |  |
| **Kultivar** | **Ton/ha** |  |
| PAN 3195 | 2.18 |  |
| Koonap | 1.85 |  |
| SST 347 | 1.83 |  |
| Matlabas | 1.81 |  |
| PAN 3111 | 1.79 |  |
| PAN 3161 | 1.68 |  |
| Senqu Plus | 1.64 |  |
| SST 356 | 1.64 |  |
| Senqu Max | 1.59 |  |
| Koonap plus | 1.59 |  |
| PAN 3379 | 1.53 |  |
| Senqu Max Plus | 1.47 |  |
| Senqu | 1.45 |  |
| Koonap Max | 1.44 |  |
| Elands | 1.43 |  |
| PAN 3368 | 1.26 |  |
|  |  | | | | | |
| **Lokaliteit:** | Ficksburg | | |  |  |  | |
| **Plantdatum:** | 07/07/2015 | | |  |  |  | |
| **Bemesting:** | 45N, 15P, 4K | | |  |  |  | |
| **Kontrole:** | PAN 3161 | | |  |  |  | |
| **Gemiddeld:** | 1.06 t/ha | | |  |  |  | |
|  |  |  | |  |  |  | |
| **Kultivar** | **Ton/ha** |  | |  |  |  | |
| Senqu Max Plus | 1.28 |  | |  |  |  | |
| Koonap | 1.25 |  | |  |  |  | |
| Matlabas | 1.08 |  | |  |  |  | |
| SST 347 | 1.07 |  | |  |  |  | |
| Senqu | 1.07 |  | |  |  |  | |
| Koonap plus | 1.05 |  | |  |  |  | |
| Senqu Max | 1.03 |  | |  |  |  | |
| PAN 3111 | 1.03 |  | |  |  |  | |
| Koonap Max | 1.00 |  | |  |  |  | |
| Senqu Plus | 1.00 |  | |  |  |  | |
| Elands | 0.96 |  | |  |  |  | |
| SST 356 | 0.91 |  | |  |  |  | |