

Long term relative agronomic performance of cultivars in the North (2 lokaliteite)

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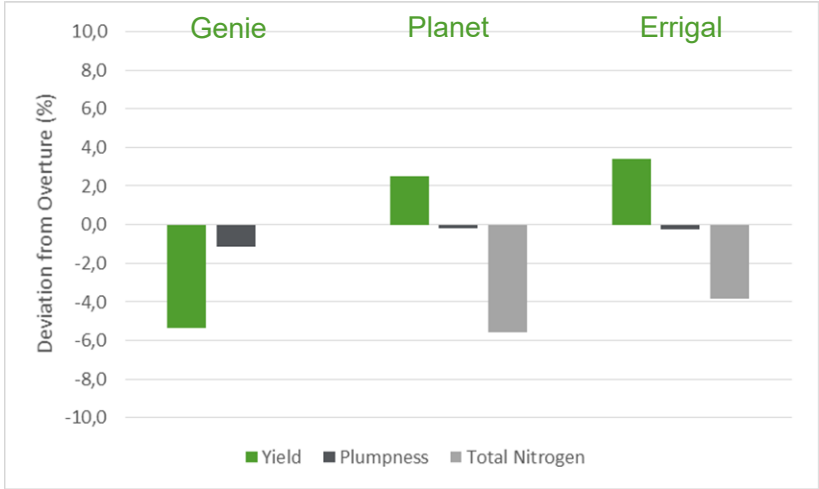
Barley cultivars

Long term agronomic performance

| Cultivar | Straw length | Straw strength | Ripeness |
|-----------|--------------|----------------|-------------|
| Overture† | 85,8 cm | Medium | Medium |
| Genie† | 85,4 cm | Medium | Medium-late |
| Planet* | 92,0 cm | Medium | Medium |
| Errigal* | 98,0 cm | Medium | Medium |

*Experimental

†Commercial



| Yield in kg/ha | | | | | | | |
|----------------|-------|------|------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 10518 | 7735 | 7088 | 8333 | 6543 | 8043 | 100,0 |
| Genie | 9937 | 6556 | 6866 | 7842 | 6864 | 7613 | 94,6 |
| Planet | 10783 | * | * | * | * | 10783 | 102,5 |
| Errigal | 10315 | 8561 | * | * | * | 9438 | 103,4 |

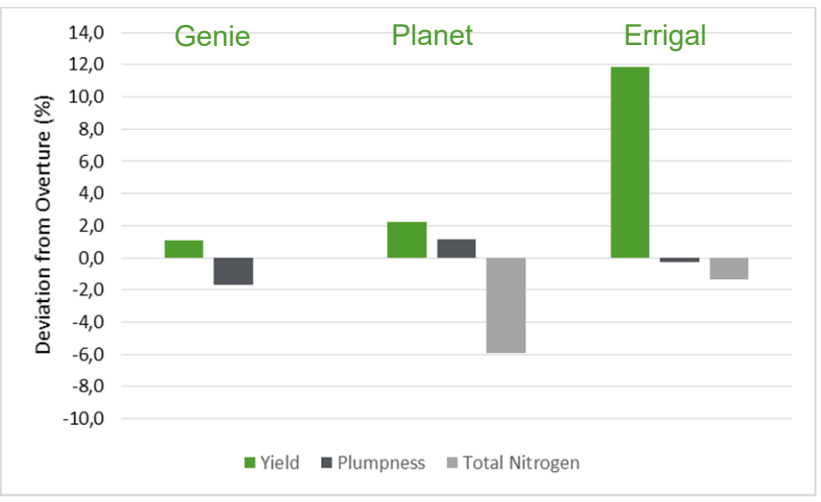
| Kernel Plumpness | | | | | | | |
|------------------|------|------|------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 96,6 | 97,6 | 96,9 | 95,7 | 90,0 | 95,4 | 100,0 |
| Genie | 94,7 | 94,5 | 95,2 | 96,7 | 90,1 | 94,2 | 98,8 |
| Planet | 96,4 | * | * | * | * | 96,4 | 99,8 |
| Errigal | 96,2 | 97,5 | * | * | * | 96,8 | 99,7 |

| Kernel Nitrogen | | | | | | | |
|-----------------|------|------|------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 1,79 | 1,88 | 1,77 | 1,72 | 2,28 | 1,89 | 100,0 |
| Genie | 1,87 | 1,86 | 1,89 | 1,60 | 2,14 | 1,87 | 100,0 |
| Planet | 1,69 | * | * | * | * | 1,69 | 94,4 |
| Errigal | 1,77 | 1,76 | * | * | * | 1,77 | 96,2 |

* No data

Long term relative agronomic performance of cultivars in the Central area (3 localities)

Taung • Hartswater • Jan Kempdorp



| Yield in kg/ha | | | | | | | |
|----------------|------|-------|------|-------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 8886 | 9034 | 8822 | 10248 | 5905 | 8579 | 100,0 |
| Genie | 8625 | 9451 | 8900 | 10216 | 6178 | 8674 | 101,1 |
| Planet | 9083 | * | * | * | * | 9083 | 102,2 |
| Errigal | 9536 | 10505 | * | * | * | 10020 | 111,8 |

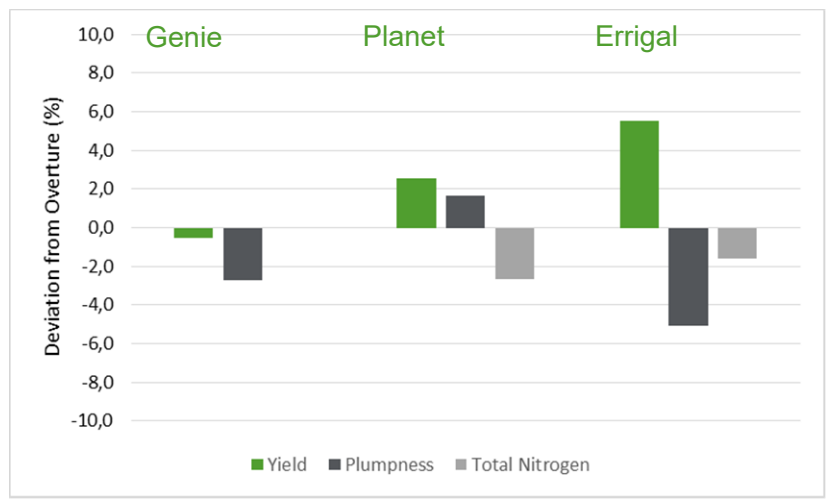
| Kernel Plumpness | | | | | | | |
|------------------|------|------|------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 93,6 | 93,0 | 94,8 | 97,2 | 87,2 | 93,2 | 100,0 |
| Genie | 94,4 | 89,4 | 95,2 | 97,0 | 82,0 | 91,6 | 98,3 |
| Planet | 94,7 | * | * | * | * | 94,7 | 101,2 |
| Errigal | 92,4 | 93,7 | * | * | * | 93,1 | 99,7 |

| Kernel Nitrogen | | | | | | | |
|-----------------|------|------|------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 1,86 | 1,92 | 1,83 | 1,75 | 2,10 | 1,89 | 100,0 |
| Genie | 1,85 | 1,95 | 1,81 | 1,79 | 2,01 | 1,88 | 100,0 |
| Planet | 1,75 | * | * | * | * | 1,75 | 94,1 |
| Errigal | 1,86 | 1,87 | * | * | * | 1,87 | 98,7 |

* No data

Long term relative agronomic performance of cultivars in the South (3 localities)

Rietrivier • Douglas East • Douglas West



| Yield in kg/ha | | | | | | | |
|----------------|-------|-------|-------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 10502 | 10407 | 10118 | 6969 | 7765 | 9152 | 100,0 |
| Genie | 9554 | 10317 | 9881 | 7905 | 7855 | 9103 | 99,5 |
| Planet | 10768 | * | * | * | * | 10768 | 102,5 |
| Errigal | 10792 | 11273 | * | * | * | 11032 | 105,5 |

| Kernel Plumpness | | | | | | | |
|------------------|------|------|------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 93,4 | 92,9 | 98,2 | 95,1 | 91,8 | 94,3 | 100,0 |
| Genie | 90,9 | 88,2 | 96,7 | 92,2 | 90,4 | 91,7 | 97,3 |
| Planet | 94,9 | * | * | * | * | 94,9 | 101,7 |
| Errigal | 90,4 | 86,3 | * | * | * | 88,4 | 94,9 |

| Kernel Nitrogen | | | | | | | |
|-----------------|------|------|------|------|------|--------|-------|
| Cultivar | 2019 | 2018 | 2017 | 2016 | 2015 | Gemidd | % Dev |
| Overture | 1,89 | 1,91 | 1,69 | 2,02 | 1,93 | 1,89 | 100,0 |
| Genie | 1,85 | 1,94 | 1,61 | 2,03 | 1,88 | 1,86 | 100,0 |
| Planet | 1,84 | * | * | * | * | 1,84 | 97,4 |
| Errigal | 1,81 | 1,93 | * | * | * | 1,87 | 98,4 |

* No data