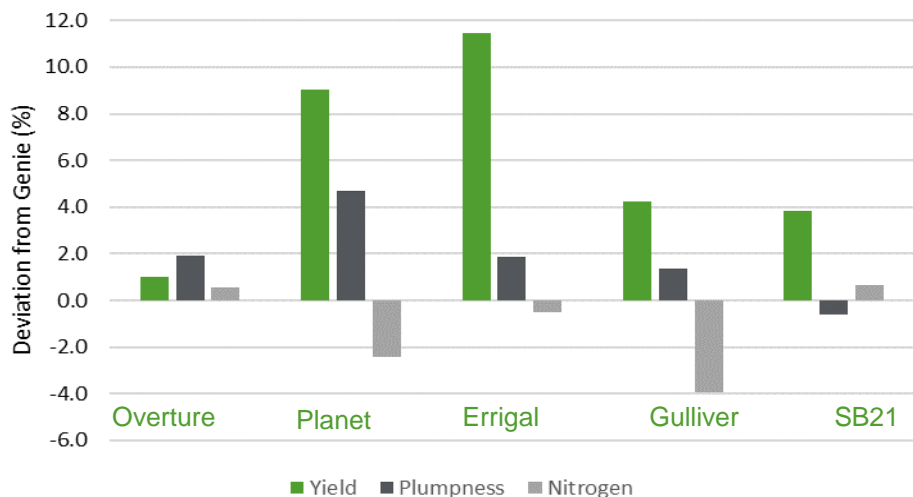


Long term relative agronomic performance of varieties in the Central area (3 localities)

Taung • Hartswater • Jan Kempdorp



Yield in kg/ha

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	9555	9029	8625	9451	8900	9112	100.0
Overture	9788	9480	8886	9034	8822	9202	101.0
Planet	10677	9914	9083	*	*	9891	109.1
Errigal	10544	10279	9536	10505	*	10216	111.5
Gulliver	9233	9410	8925	10655	*	9556	104.3
SB21	9878	9877	8028	10284	*	9517	103.8

Plumpness

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	89.6	82.0	94.4	89.4	95.2	90.1	100.0
Overture	92.4	85.3	93.6	93.0	94.8	91.8	101.9
Planet	93.5	90.1	94.7	*	*	92.8	104.7
Errigal	89.7	86.2	92.4	93.7	*	90.5	101.9
Gulliver	91.1	84.6	94.2	90.2	*	90.0	101.3
SB21	89.5	84.1	89.4	90.2	*	88.3	99.4

Kernel Nitrogen

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	1.80	2.00	1.85	1.95	1.81	1.88	100.0
Overture	1.83	2.02	1.86	1.92	1.83	1.89	100.5
Planet	1.81	1.96	1.75	*	*	1.84	97.6
Errigal	1.83	2.00	1.86	1.87	*	1.89	99.5
Gulliver	1.73	1.94	1.81	1.82	*	1.83	96.1
SB21	1.85	1.99	1.86	1.95	*	1.91	100.7

* No data



2022



Barley Varieties

Long term agronomic performance

Variety	Straw length	Straw strength	Growth period
Overture†	Medium	Medium	Medium
Genie†	Medium	Medium	Medium
Planet*	Medium	Medium	Medium
Errigal*	Medium	Medium	Medium
Gulliver*	Medium	Medium	Medium
SB21*	Medium	Medium	Medium Early

*Experimental

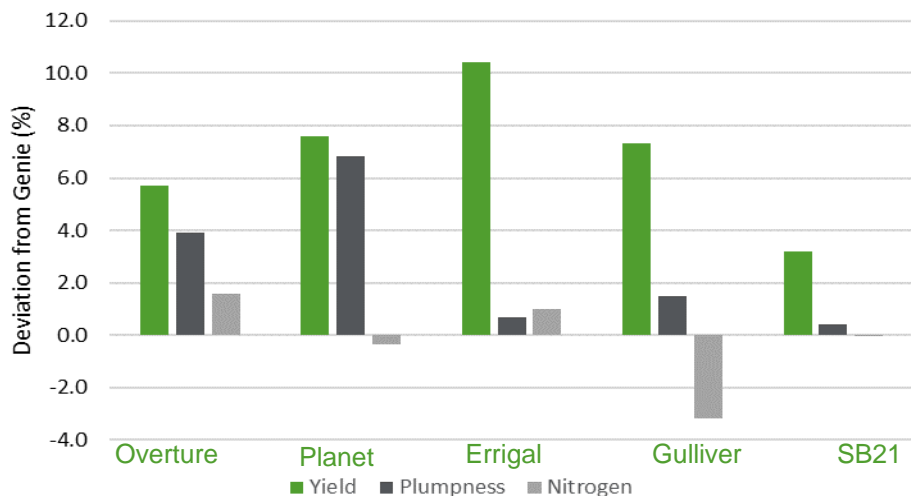
†Commercial

@Sabbi_barley



Long term relative agronomic performance of varieties in the North (2 localities)

Beestekraal • Koedoeskop



Yield in kg/ha

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	9405	7323	9554	10317	9881	9296	100.0
Overture	10106	8006	10502	10407	10118	9828	105.7
Planet	9412	8092	10768	*	*	9424	107.6
Errigal	10329	8020	10792	11273	*	10103	110.4
Gulliver	9793	8080	10717	10690	*	9820	107.3
SB21	9205	8210	9497	10861	*	9443	103.2

Plumpness

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	91.9	75.7	90.9	88.2	96.7	88.7	100.0
Overture	95.5	80.7	93.4	92.9	98.2	92.1	103.9
Planet	95.9	85.2	94.9	*	*	92.0	106.8
Errigal	92.1	80.1	90.4	86.3	*	87.2	100.7
Gulliver	92.1	83.7	90.7	85.4	*	88.0	101.5
SB21	92.8	77.0	87.9	90.4	*	87.0	100.4

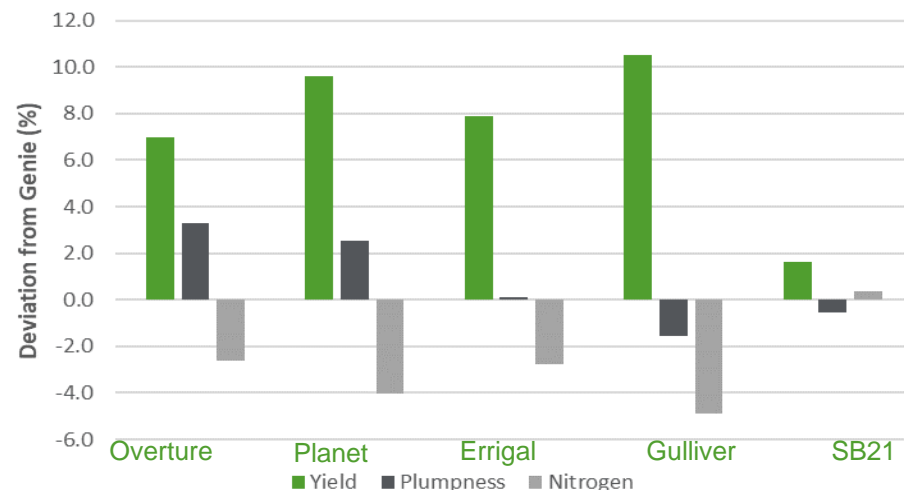
Kernel Nitrogen

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	1.87	2.01	1.85	1.94	1.61	1.86	100.0
Overture	1.88	2.06	1.89	1.91	1.69	1.88	101.6
Planet	1.92	1.95	1.84	*	*	1.90	99.7
Errigal	1.98	2.03	1.81	1.93	*	1.94	101.0
Gulliver	1.87	1.93	1.77	1.85	*	1.86	96.8
SB21	1.88	1.96	1.90	1.93	*	1.92	100.0

* No data

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

Rietrivier • Douglas East • Douglas West



Yield in kg/ha

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	7751	7774	9937	6556	6866	7777	100.0
Overture	8016	8232	10518	7735	7088	8318	107.0
Planet	8926	8201	10783	*	*	9303	109.6
Errigal	8327	7347	10315	8561	*	8638	107.9
Gulliver	7845	8020	11123	8396	*	8846	110.5
SB21	7511	8083	10136	6814	*	8136	101.6

Plumpness

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	88.0	80.6	94.7	94.5	95.2	90.6	100.0
Overture	91.8	85.1	96.6	97.6	96.9	93.6	103.3
Planet	92.6	80.9	96.4	*	*	90.0	102.5
Errigal	85.4	79.1	96.2	97.5	*	89.5	100.1
Gulliver	80.7	79.5	95.4	96.6	*	88.0	98.4
SB21	85.2	80.9	93.0	96.8	*	89.0	99.5

Kernel Nitrogen

Variety	2021	2020	2019	2018	2017	Average	% Dev
Genie	1.88	1.93	1.87	1.86	1.89	1.89	100.0
Overture	1.82	1.92	1.79	1.88	1.77	1.84	97.4
Planet	1.79	1.97	1.69	*	*	1.82	95.9
Errigal	1.79	2.01	1.77	1.76	*	1.83	97.2
Gulliver	1.79	1.91	1.73	1.74	*	1.79	95.1
SB21	1.97	1.89	1.82	1.89	*	1.89	100.4

* No data