

GRETCHEN SPRING BARLEY

AGFseeds

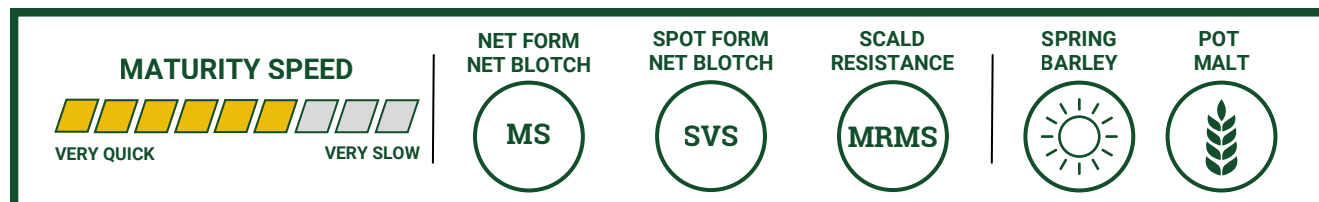
- » High Yielding
- » Strong Disease Package
- » Balanced Malt with High Extract
- » Available 2026

AGF Seeds's new (available 2026) conventional spring barley, Gretchen (tested as AGFBA021022) has shown 5 to 10% yield improvements over RGT Planet. Gretchen is a mid-late maturity barley with a similar maturity to RGT Planet and offers a sound disease package with strength in Scald resistance and significant improvement in Net Form Net Blotch vs RGT Planet.

Gretchen has high quality malting characteristics providing a balanced malt with high extract that has impressed Australian maltsters. A proven malting variety in Europe we expect Gretchen to be a very attractive variety for Australian maltsters and breweries. Gretchen is currently being evaluated for malt accreditation with the potential to enter the official accreditation process in 2027.

If you are looking for a RGT Planet alternative that offers improved yield and a stronger disease package, then Gretchen is the barley for you.

EPR \$4.00/t GST exclusive



DISEASE PACKAGE

Gretchen has shown a significant step up in resistance to scald when compared to other key barleys on the market. We have also seen improvements in Net Form Net Blotch resistance when compared to RGT Planet.

Table 1 (right): NVT Disease ratings of Gretchen and key comparators

Variety	Net Form Net Blotch	Spot Form Net Blotch	Scald
Gretchen	MS	SVS	MRMS
RGT Planet	SVS	SVS	SVS
Neo CL	MSS	MR	S
Minotaur	MRMS	S	VS

YIELD

Gretchen has shown in trials the potential to outyield RGT Planet and to be competitive with Neo CL. In Fungicide trials in Smeaton Victoria, Gretchen has shown the strength of its disease package by seeing little yield penalty in low or no fungicide trials

Table 2: Yield as a % of Site Mean across trials in 2024. Sources NVT Met Analysis 2024, FAR Australia, AGF Seeds

Variety	AGF Seeds Main Season	NVT S/E NSW Main Season	NVT NE Vic Main Season	NVT SW Vic Long Season	NVT SW Vic Long Season	NVT Tas Nrt Midlands Long Season	FAR GEN Shorter Season (Untreated)	FAR GEN Shorter Season (Treated)	FAR GEN Irrigated Spring Sown (Untreated)	FAR GEN Irrigated Spring Sown (Treated)
	Smeaton, Vic	Quandialla	Yarrawonga	Hamilton	Inverleigh	Westbury	Bordertown, SA	Bordertown, SA	Hagley, Tas	Hagley, Tas
Gretchen	107	114	110	102	99	109	109	102	112	105
RGT Planet	104	109	102	91	103	105	106	102	89	94
Neo CL	104	121	114	106	102	111	106	107	98	100
Minotaur	101	109	109	97	106	93	100	106	98	99
Site Average (t/ha)	9.23	6.73	5.30	8.33	3.95	8.80	6.85	6.93	10.58	11.09

Table 3: AGF Seeds' 2024 Main Season Barley Variety Yield x Fungicide Treatment Analysis

Variety	2 x Fungicide Trial (3 Reps)			1 x Fungicide Trial (3 Reps)				No Fungicide Trial (3 Reps)				
	Mean Yield (t/ha)	HG*	% Of Site Mean	Mean Yield (t/ha)	HG*	% Of Site Mean	Yield % vs 2 Fung	Mean Yield (t/ha)	HG*	% Of Site Mean	Yield % vs 2 Fung	Yield % vs 1 Fung
Gretchen	9.92	AB	107	10.24	A	111	101	9.73	A	113	96	96
Neo CL	9.61	ABCD	104	10.17	AB	110	101	9.02	BC	105	94	94
RGT Planet	9.57	ABCD	104	9.36	CDEF	101	101	8.60	CD	100	95	94
Minotaur	9.28	BCDE	101	9.40	CDEF	102	100	8.86	BCD	103	94	94

*Homogenous Group

Site Mean (t/ha)	9.23
P Value	0.000
CV	4.73
LSD	0.724

Site Mean (t/ha)	9.29
P Value	0.000
CV	4.57
LSD	0.792

Site Mean (t/ha)	8.62
P Value	0.000
CV	4.49
LSD	0.81

MATURITY & REGIONALITY

Gretchen is a Mid-Late maturity barley with a similar maturity to RGT Planet. Suited to medium & high rainfall environments.

Table 4 (right): Approximate Days to 50% Head Emergence at AGF Seeds' 2024 Main Season Barley Trial

Variety	Approximate Days from Sowing to 50% Head Emergence
Gretchen	146
RGT Planet	145
Neo CL	142
Minotaur	146

WHERE CAN I SEE GRETCHEN IN 2025

Seeing is believing. Gretchen has been entered in a range of trials such as NVT & FAR from Queensland to Tasmania. Follow the link to see where you can find Gretchen near you.

NOTICE: Although the information and recommendations in this guide are presented in good faith and believed to be correct, AGF Seeds Pty. Ltd. makes no representations or warranties as to the completeness or accuracy of Information. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will AGF Seeds Pty. Ltd. be responsible for any damages or loss of any nature whatsoever resulting from the use of or reliance upon Information supplied in this guide

