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**AGF** seeds

**SMYTH SEEDS**

# BIG YIELDS

## *BigRed*<sup>Ⓛ</sup> FOR BIG YIELDS



*"It was the [BigRed] that stood out with good agronomic characteristics ... almost hitting 11t/ha."*

New very high yielding red feed grain winter wheat. Suited to longer growing season environments.



# BigRed<sup>Ⓛ</sup>

Winter Wheat  
Red, Feed grade, Awned, Mid-Slow

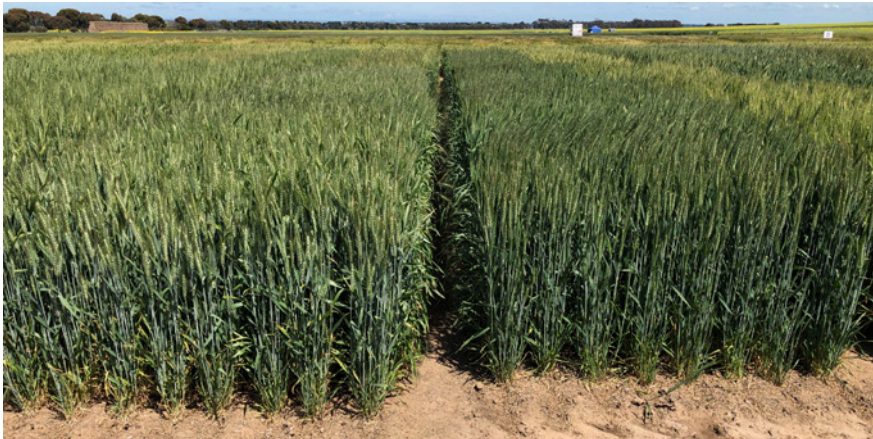
<p><b>MATURITY SPEED</b></p>  <p>VERY QUICK <span style="float: right;">VERY SLOW</span></p>	<p><b>SCEPTORIA RESISTANCE</b></p> <p style="text-align: center;">(MR)</p>	<p><b>STEM RUST</b></p> <p style="text-align: center;">(Sp)</p>	<p><b>STRIPE RUST</b></p> <p style="text-align: center;">(Rp)</p>	<p><b>LEAF RUST</b></p> <p style="text-align: center;">(MRMSp)</p>
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**PBR and EPR:** BigRed<sup>Ⓛ</sup> is protected by Plant Breeders Rights (PBR) (denoted by the Ⓛ symbol) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR). BigRed<sup>Ⓛ</sup> growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$3.65/tonne + GST has to be paid on all production other than seed saved for planting. EPR's collected on this variety will allow us to continue to develop even better varieties into the future.



Continuous improvement and innovation. 100% Australian Owned Independent Seed Company





Inverleigh, Victoria NVT 20 Oct 2021. Accroc (left), BigRed (right)

### 2020 Vic Crop Technology Centre - Gnarwarre, Vic, sown late April

**Table 1.** Phenology evaluation, Zadoks growth stage recorded at key points in the season (Zadoks GS00-99) - lighter background denotes slower development relative to calendar date.

Variety	14-Jul	24-Aug	04-Sep	23-Sep	26-Oct	04-Nov
RGT Accroc	29.0	32.0	33.0	55.0	69.0	72.0
BigRed	29.0	30.0	32.0	48.0	69.0	71.0

**Table 2.** Disease assessment on 28/9/22 from 2022 Smeaton main season wheat trial (sown 04/05/2022) with low fungicide input (1 fungicide @ GS39)

1 Fungicide Program Disease Assessment				
Variety	Septoria % Leaf Infection	Powdery Mildew % Leaf Infection	Str Rust % Leaf Infection	Leaf Rust % Leaf Infection
BigRed	10	0	15	0
RGT Cesario	10	0	60	0
Beaufort	30	5	25	0
Rockstar	30	10	50	0
RGT Accroc	30	0	25	0

**Table 3.** Grain yield and quality (protein (%) and test weight (kg/hL) and screenings (%)).

Variety	Grain yield and quality				
	Yield t/ha	Protein %	Test weight %	Screenings %	TSW gram
RGT Accroc	8.71 cd	11.8 hl	75.5 hlj	0.6 c-f	436g-j
BigRed	10.45 a	10.7klm	81.7 a	0.2 def	54.6 a

**Table 4.** Variety yield differential 1 Fungicide input vs 3 Fungicide, Smeaton 2022 main season wheat variety trial.

2022 AGF Smeaton Main Season Wheat 1 Fungicide Treatment		
Variety	Yield (t/ha)	Differential vs 3 Fungicide Trial
BigRed	12.86	0.10
RGT Cesario	10.48	-1.99
RGT Accroc	9.85	-3.41
Beaufort	8.56	-2.89
Rockstar	6.60	-2.13

Site Mean (t/ha)	9.97
P Value	0.0000
CV	4.06
LSD	0.847

### Selected for Australian conditions #WideWorldOfSeeds

Are you an Australian farmer or retailer? Please be assured our mission is to minimise your risk and maximise your potential by supplying the best grain and forage varieties, seed quality, and customer service. You benefit from our unique combination of independence, flexibility, and a wide world of seeds through our Australian and international alliances. Importantly, you can trust AGF and the information in this guide because of our focus on evaluation, a long history in seed multiplication, in-house seed processing, a commitment to ethical marketing, and good people.



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### Data from:

<https://faraustralia.com.au/wp-content/uploads/2021/04/210324-HYC-Project-2020-Results-Wheat-Final-1.pdf>

2020 SA Crop Technology Centre - Millicent, South Australia.

In 2021 BigRed is entered in NVT, FAR Australia, Southern Farming Systems and AGF trials for further information on adaptability, disease resistance, lodging, grain loss, and grain yield.