




SY Dolomite

SY Dolomite (SY 415-584) is a new feed barley variety from Syngenta that is being released to the New Zealand market in Autumn 2023. SY Dolomite has demonstrated exceptional yields in both dryland & irrigated environments from both Autumn and Spring sowings.

SY Dolomite feed barley

SY Dolomite is a new high yielding feed barley bred by Syngenta in the UK and developed in NZ in conjunction with Cropmark Seeds as head licensee. SY Dolomite has excellent standability being a moderate to stiff strawed cultivar with intermediate maturity making it well suited to a range of different farming situations. It shows superior resistance to most diseases and has a wide sowing window from early May through to October. SY Dolomite produces a large grain with outstanding screenings and test weight.

Disease and agronomic profile for SY Dolomite barley (FAR 2021-22 autumn cultivar booklet).

Scald	Intermediate Resistance
Leaf Rust	Moderately Susceptible
Net Blotch	Moderately Resistant
Powdery mildew	Resistant
Straw strength	Moderate - Stiff
Lodging risk	Low
Crop height	Medium
Maturity	Intermediate

Yields

SY Dolomite has been trialed for many years and is well proven across all sites, producing consistent and reliable yields across all sowing times, whether it be dryland or irrigated, for autumn sowing or for spring sowing.

Table 1. Yields from 2021/2022 autumn barley CPT trials at St Andrews (dryland, sown 7th May 2021), Chertsey (irrigated, sown 14th May 2021) and Balfour (dryland, sown 23rd April 2021)

	St Andrews	Chertsey	Balfour
SY Dolomite	9.1	12.3	9.5
Tavern	9.1	11.1	8.3
RGT Planet	9.2	10.8	7.6
Fortitude	9.2	11.7	8.6
Site mean yield	8.9	11.3	8.4
LSD	0.4	0.6	1.1
CV %	3.0	3.6	8.8

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