



Herdade dos Grous Red 2013

VITICULTURE

Climate	'Continental-mediterranean', characterized by a low-rainfall, semi-arid growing season and high daytime temperatures. Good summer and pre-harvest thermal amplitude.
Soil characteristics	Magnesian sedimentary loam soils, ranging from sandy-loam to clay-loam with marked horizons. Many areas comprise soils with laminar clay-schist-like characteristics. Whilst very low in organic matter, the acidic, or slightly acid soils have average fertility and a high water retention capacity.
Vineyard Area	70 hectares
Grape Varieties	Alicante Bouschet (30%); Touriga Nacional (20%); Aragonez (35%); Syrah (15%).
Relief and Row orientation	Lightly undulating, predominantly WSW – ENE rows.
Planting Density	2.2m x 1.3m and 2.5m x 1.3m
Vine Training	Bi-lateral cordon
Irrigation	Irrigated as per stringently controlled requirements and in accordance with quality parameters.

Cultural practices are strictly adapted to each variety and plot, with the aim of producing of the best quality fruit. Each plant is individually inspected to ensure that production does not exceed a specified limit per plant. At harvest time, the crop is carefully selected and transported in small 25Kg. trays to the winery.

WINEMAKING

Process	Grapes are hand-selected on a purpose-built selection table; The fruit is instantly cooled to 10°C on arrival at the winery; Musts are 'cold-soaked' for up to 2 days prior to fermentation; Innoculation with selected yeasts; Prolonged fermentation and maceration in 'lagares' (traditional open fermenters); Aged in new French oak barriques.	
Analyses	Alcohol 14,3% Vol. Total Acidity 5,5 g/l	Total Sugar 0,6 g/l pH 3,62
Tasting Notes	Deep, concentrated plummy-red tones; Complex aromas. Mature well integrated fruit. Full-flavoured, good concentration, soft tannin structure. Should be served at 14 a 16°C; A perfect accompaniment to Mediterranean dishes.	



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