

SET ASIDE MONITORING PROGRAMME

RECONNAISSANCE ALC SURVEY
STOWMARKET, SUFFOLK

Size of site 88.7
NO of AB 38; Density 1/2.3ha.

AGRICULTURAL LAND CLASSIFICATION

ALC	<u>Permanent Fallow SET ASIDE (Ha)</u>	<u>Outside Set Aside (Ha)</u>
2	-	17.6
3a	20.2	45.9
3b	-	5.0
	<u>20.2</u>	<u>68.5</u>

Climate

altitude 67 m AOD
 AAR 609 mm)
 ATO 1377°C) = Grade 1
 FCD 113
 MD Wht 113
 Pots 107

GEOLOGY

1 : 250,000 scale map : chalky boulder clay

SOILS

1 : 250,000 scale map : Predominantly Beccles 1, some Ashley Association on lower slopes.

Field survey largely confirms the above, typically identifying variably, stony profiles with heavy clay loam topsoils over variably sandy, clay or heavy clay loam subsoils which overlie chalky boulder clay drift between 40-60cm depth. The majority of profiles are calcareous throughout although some soilsⁱⁿ mid slope locations non, or only very slightly calcareous in upper horizons.

The majority of profiles are gleyed within 40 cm and are assessed as wetness class III. In some mid to lower slope locations profiles are gley-free above 40cm and assessed as wetness class II. The land is limited by varying degrees of winter wetness and workability constraint.

Grade 2

Occurs on mid or lower slopes where profiles are typically very slightly to slightly stony, calcareous throughout and are assessed as wetness class II. The land is limited by summer droughtiness and by ^{minor} winter wetness and workability imperfections.

Grade 3a

This occurs extensively over the farm in areas of less well drained soils (wetness class III). Profiles are calcareous throughout and are limited by winter wetness and workability constraints.

Grade 3b

This occurs in some mid slope locations when soils are assessed as wetness class III and are ^{non}calcareous in upper horizons. These soils are likely to be inherently less well structured than their calcareous counterparts and are consequently limited by more severe wetness and workability constraints.

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