

**AGRICULTURAL LAND CLASSIFICATION
KINGS ACRE ROAD, HEREFORD**

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**ADAS Ref: 25/RPT/0336
Job No: 10/94**

MAFF Ref: EL 17/10379

AGRICULTURAL LAND CLASSIFICATION REPORT FOR

Kings Acre Road, Hereford

1. SUMMARY

The Agricultural Land Classification (ALC) survey for this site shows that the whole site, covering 6.5 ha, is classified as Grade 1 - "land with no or very minor limitations to agricultural use".

2. INTRODUCTION

2.1 The site was surveyed by the Resource Planning Team in February 1994. An Agricultural Land Classification survey was undertaken according to the guidelines laid down in the "Agricultural Land Classification of England and Wales - Revised Guidelines and Criteria for Grading the Quality of Agricultural Land" (MAFF 1988).

2.2 The site is situated to the west of Hereford, and north of the A438 road. The land immediately to the north, west and east of the site is predominantly in agricultural use.

2.3 The survey was requested by MAFF in connection with an ad-hoc development for a cricket ground and houses.

2.4 At MAFF Land Use Planning Unit's request this was a detailed grid survey at 1:10000 with a minimum auger boring density of 1 per hectare. The attached map is only accurate at the base map scale and any enlargement would be misleading.

2.5 At the time of the survey the site was under winter wheat.

3. CLIMATE

3.1 The following interpolated data are relevant for the site: (SO 481412).

Average Annual Rainfall (mm)	706
Accumulated Temperature above 0°C January to June (days °C)	1447

3.2 There is no overall climatic limitation on the site.

3.3 Other relevant data for classifying land include:

Field Capacity Days (days)	158
Moisture Deficit Wheat (mm)	104
Moisture Deficit Potatoes (mm)	95

4. **SITE**

4.1 Three site factors of gradient, micro relief and flooding are considered when classifying land.

4.2 These factors do not impose any limitations on the agricultural use of the land.

5. **GEOLOGY AND SOILS**

5.1 The underlying geology of the area is comprised of Boulder Clay - British Geological Survey Sheet 198 scale 1:50000.

5.2 The underlying geology influences the soils which have a sandy silt loam texture.

6. **AGRICULTURAL LAND CLASSIFICATION**

6.1 The whole site is classified as Grade 1 land. The soils typically have a sandy silt loam texture to depth; occasionally soils with a medium clay loam texture are present below 40cms. The topsoil stone content meets the requirements for Grade 1.

6.2 There are no soil wetness or droughtiness limitations to the agricultural use of the land.

6.3 **Summary of Agricultural Land Classification Grades**

Grade	Area in Hectares	% of Survey Area
1	6.5	100.0
Total	6.5	100.0