

**AGRICULTURAL LAND CLASSIFICATION
SITE 2
BIDFORD-ON-AVON
STRATFORD UPON AVON LOCAL PLAN**

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AGRICULTURAL LAND CLASSIFICATION REPORT FOR

SITE 2, BIDFORD-ON-AVON STRATFORD-UPON-AVON LOCAL PLAN

1. SUMMARY

- 1.1 The Agricultural Land Classification (ALC) Survey for this site shows that the following proportions of ALC grades are present:

Grade	ha	% of site
2	6.3	98.5
Other Land Agricultural buildings	0.1	1.5

- 1.2 The main limitation to the agricultural use of land in Grade 2 is soil droughtiness.

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 6.4 ha site is situated to the west of Bidford-on-Avon. The land immediately to the north, south and east of the site is predominantly in urban use. Land to the south west is in agricultural use.
- 2.3 The survey was requested by MAFF in connection with the Stratford-upon-Avon Local Plan.
- 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 one 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 grass.

3. CLIMATE

3.1 The following interpolated data are relevant for the site:

Average Annual Rainfall (mm)	631
Accumulated Temperature above 0°C January to June (day °C)	1463

3.2 There is no overall climatic limitation on the site.

3.3 Other relevant data for classifying land include:

Field Capacity Days (days)	136
Moisture Deficit Wheat (mm)	109
- Moisture Deficit Potatoes (mm)	101

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 geology of the area is detailed on British Geological Survey Sheet 200 Stratford upon Avon 1:50000. The site is overlain with deposits of Quaternary river gravels.

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

6. AGRICULTURAL LAND CLASSIFICATION

6.1 Grade 2 - occupies 6.3 ha (98.5%) of the survey area and is found over the majority of the site.

6.1.1 These soils typically have a sandy loam texture overlying sandy loam and sand to depth, with a few stones within the profile. Occasionally the lower subsoil may be of a sandy clay loam texture.

6.1.2 The main limitation to the agricultural use of this land is soil droughtiness.

6.2 Other land includes agricultural buildings which occupy 0.1 ha (1.5%) of the survey area and are found to the south west of the site.

6.3 SUMMARY OF AGRICULTURAL LAND CLASSIFICATION GRADES

Sub-grade	Area in Hectares	% of Survey Area	% of Agricultural Land
2	6.3	98.5	100
Other land			
Agricultural Buildings	0.1	1.5	-
TOTALS	6.4	100	100

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