

Rural Development Programme for England

Energy Crops Scheme

How to draw your planting map and calculate your planting area

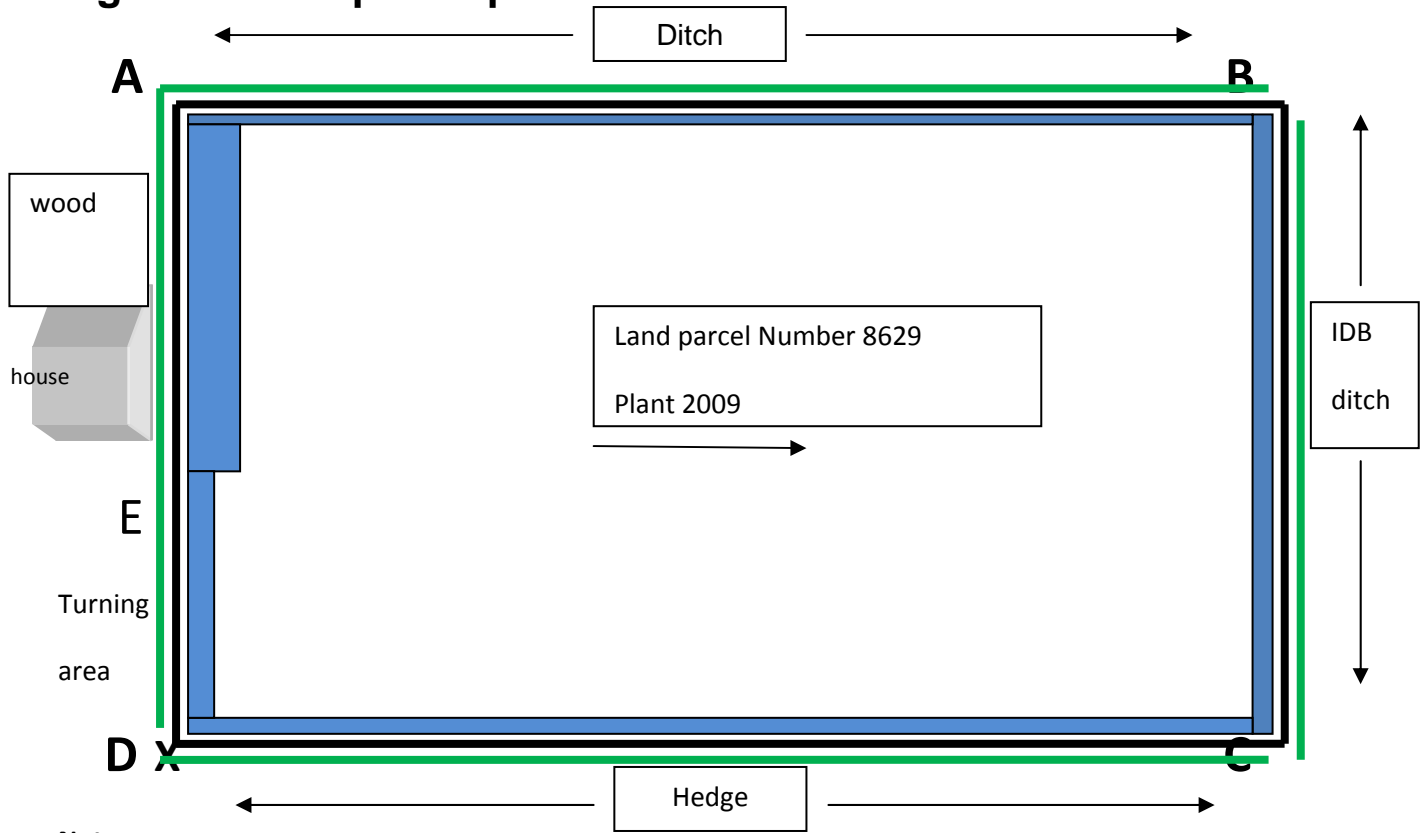


How to draw your planting map and calculate your planting area

Design your map:

1. Request a map from the ECS Administration Team or use a RLR map.
2. Highlight in green the planting area. Part parcel planting, will require a suffix before the land parcel number.
3. Walk the site with your map and write on the map key features (within and adjacent to the application site), for example hedges, ditches, woodlands and dwellings, see ECS Environmental Features Key below.
4. Depending on the environmental feature, a buffer may be required, i.e. a no-plant area. This no-plant area will require measuring (length by width in metres) in accordance to the required ECS buffers. Highlight in blue the no-plant area, see Figure 1.
5. Complete Table 2 “no-plant area”, recording the parcel boundary (A to B, B to C, also annotate on the map) and calculate the no-plant area, see Table 1 for an example.
6. Mark on the map the direction of harvest, site access, public right of ways and utility pipes/lines, if applicable.
7. Should you know of any archaeology on the site, highlight it in yellow hatch on the map. The ECS appraiser, who will assess your site, may have further information regarding archaeology. The ECS appraiser will discuss this with you.
8. You have calculated the “no-plant area” for each parcel(s) in Table 2. Enter this data in to column B of Table 3. Subtract from the RLR area (column A) the “no-plant area” to give the “planting area”. The planting area is required in the application form.
9. Enclose your planting map and Tables 2 and 3 within your application.

Figure 1: Example map



Note:

- Turning area on house/wood buffers and IDB access strip, boundaries A to D and B to C respectively
- No further buffers required along boundaries A to B and C to D other than Cross Compliance, however a further wildlife buffer would give operational space between the crop and the ditch and the hedge.

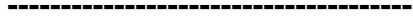
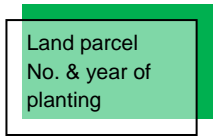
Table 1: No-plant areas

Land parcel	Boundary co-ordinates	Environmental feature	Length (m)	Area (ha)
8629	A to B	Boundary ditch	300	$300 \times 1 = 300 / 10,000 = 0.03$
	B to C	IDB drain (negotiated at 8m – inclusive of Cross Compliance)	100	$100 \times 8 = 800 / 10,000 = 0.08$
	C to D	Hedge	300	$300 \times 3 = 900 / 10,000 = 0.09$
	D to A	Hard standing, wildlife area, house buffer and wood buffer	60	$60 \times 10 = 600 / 10,000 = 0.06$
	D to E	Turning area	40	$40 \times 3 = 120 / 10,000 = 0.01$
TOTAL				0.27

ECS environmental features key:

Planting area

External and part parcel boundaries of the proposed crop(s) highlighted in green



No-plant area buffers (all features requiring buffering need to be clearly named on the map)

Areas of hard standing, hard road, tracks and land adjacent to highways (no adjacent wall or hedge to highway)

Rivers, ponds, drains and ditches (applicant to consult with IDB and/or Environment Agency if appropriate) – see also Cross Compliance below

Hedge – further optional buffering may be required, for example, growing room between crop and hedge and access

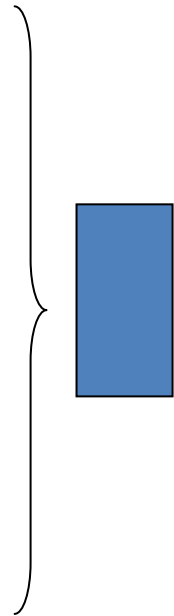
Land adjacent to neighbouring properties (10 metre buffer)

Land adjacent woodland (10 metre buffer)

Machinery access strip, vehicle turning at crop end, rides

Wildlife areas (wet land, inaccessible areas)

Agri environment scheme buffer (as in your agreement, if applicable)



Archaeology (yellow hatch)



PRoW (annotate either footpath or bridle way – requires ECS buffers (3 metres from the PRoW for miscanthus and 5 meters for SRC)

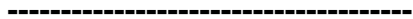


Utility line (above & below) – consult with the utility company ---X---X---

Pylon or post



X access point to the area to be planted —————> direction of harvest



Cross compliance:

- ECS buffers start at the edge of the Cross Compliance buffer.
- In addition, ECS buffers start at the edge of Environmental Stewardship buffers which in-turn may be adjacent to the Cross Compliance buffer.

