



## Countryside Stewardship Mid Tier wild pollinator and farm wildlife calculator: Mixed farming

Use this calculator to help build a wild pollinator and farm wildlife package as part of a Countryside Stewardship Mid Tier application.

### How to use:

**Step 1:** complete section 1. The area of eligible land entered into the application - and subject to the Wild Pollinator and Farm Wildlife Package (WPFWP) - is made up of:

- 1) BPS declared arable land,
- 2) temporary grassland, and
- 3) permanent grassland.

All other land should be excluded from the calculation.

**Step 2:** complete sections 2 and 3 by selecting those options that are best suited to your farm enterprise, crop rotation and soil type. Look at the individual option requirements on [www.gov.uk/countryside-stewardship-grants](http://www.gov.uk/countryside-stewardship-grants) to make sure that they can be delivered. Each table will indicate the target area of habitat required to pass the **minimum** threshold. You only need to enter the proposed area(s) of each option into the blue cells.

**Step 3:** go to section 4 and select any additional options listed in the chosen package, where these can be realistically included in the application. These options will enhance the environmental benefits that can be provided through an agreement, and will increase the score of the application. It will also increase the financial value of the agreement, should the application be successful. As per step 2 you only need to enter areas into the blue cells.

**Step 4:** double-check all of the calculations in sections 2 to 4 to make sure the minimum package requirements have been met. Sections 5 and 6 provide a summary of how the application performs against the minimum and maximum requirements for the package. Section 7 provides a summary of the annual payments accruing from delivering the package.

### Section 1: Farm information

Applicant name

Farm name

SBI number

Application reference

Farmed area subject to WPFWP (ha)

## Section 2: Essential resource 1 – nectar and pollen sources for insect pollinators and insect-rich foraging for birds

**Aim:** to provide a minimum of 1 ha of flowering habitat in spring and summer per 100 ha of land entered into application

Options	Payment rate (£/unit)	Option quantity to be entered into application	Qualifying quantity***	Annual payment (£/ha)
AB1 Nectar flower mix	£579			
AB8 Flower-rich margins and plots	£628			
AB11 Cultivated areas for arable plants*	£544			
AB15 Two-year sown legume fallow	£569			
AB16 Autumn sown bumblebird mix	£608			
GS2 Permanent grassland with very low inputs (outside SDA)***	£132			
GS4 Legume and herb-rich swards (or OP4 Multi-species ley)***	£358			
GS17 Lenient grazing supplement	£44			

**Minimum quantity required per application**

**Maximum quantity required per application\*\***

**Total qualifying quantity**

**Total annual payment (£/ha)**

### Notes:

\*The AB11 area must not exceed 25% of the total Essential Resource area.

\*\*The maximum quantity figure is for guidance only – an applicant can apply for more than the maximum but will only receive the basic points for that option (but no extra points).

\*\*\*1.00 ha of AB1, AB8, AB11, AB15, AB16 and GS17 is equivalent to 2.00 ha of GS2 and GS4 respectively due to their higher value for pollinators. Therefore the respective areas of GS2 and GS4 are multiplied by 0.50 to generate an equivalent qualifying area. **Where you plan to deliver the pollen and nectar resource exclusively through GS2 and/or GS4, the minimum area of GS2 and GS4 to be entered into the package is 2.00 ha per 100 ha of application land.**

### Section 3: Essential resource 2 – winter food for seed-eating birds

**Aim:** to provide a minimum of 2 ha of winter food options per 100 ha of land entered into application

Options	Payment rate (£/unit)	Option quantity to be entered into application	Qualifying quantity*	Annual payment (£/ha)
AB9 Winter bird food (or OP2 Wild bird seed mixture)	£640			
GS3 Ryegrass seed-set as winter/spring food	£426			
AB6 Enhanced overwinter stubble	£493			
AB13 Brassica fodder crops	£100			
AB2 Basic overwinter stubble (or OP1 Overwintered stubble)	£84			
AB7 Whole crop cereals	£554			

**Minimum quantity required per application**

**Maximum quantity required per application\*\***

**Total qualifying quantity**

**Total annual payment (£/ha)**

**Notes:**

\*1.00 ha of AB9/OP2 and/or GS3 is equivalent to 2.50 ha of AB6 and AB13 and 5.00 ha of AB2/OP1 and AB7 respectively. Therefore the respective areas of AB6 and AB13 are multiplied by 0.40 to generate an equivalent qualifying area whilst the areas of AB2/OP1 and AB7 are multiplied by 0.20.

\*\*The maximum quantity figure is for guidance only – an applicant can apply for more than the maximum but will only receive the basic points for that option (but no extra points).

## Section 4: Additional resources delivery

### Additional resources

Select one or more option as appropriate where these can be realistically included in the application. These options will enhance the environmental benefits that can be provided through an agreement, and will increase the score of the application. It will also increase the financial value of the agreement, should the application be successful.

Additional resource	Option	Payment rate (£/unit)	Minimum quantity required per application	Maximum quantity required per application*	Option quantity to be entered into application	Annual Payment £/ha
Hedgerows	BE3 Management of hedgerows	£0.09				
Ponds and ditches	WT2 Buffering in-field ponds and ditches on arable land**	£563				

**Total annual payment (£/ha)**

### Notes:

\*The maximum quantity figure is for guidance only – an applicant can apply for more than the maximum but will only receive the basic points for that option (but no extra points).

\*\*There are no maximum values for the WT2 buffering of in-field ponds and ditches on arable land option.

## Section 5: Summary of essential resources delivery

Essential resource	Target minimum quantity	Target maximum quantity	Qualifying quantity
Nectar and pollen sources for insect pollinators and insect-rich foraging for birds			
Winter food for seed-eating birds			

Total qualifying area (ha)

Percentage of application area entered into package

## Section 6: Summary of additional resources delivery

Additional resource	Target minimum quantity	Target maximum quantity	Qualifying quantity
Hedgerows			
Ponds and ditches			

## Section 7: Payment summary

Resource	Payment
Essential resource 1	
Essential resource 2	
Additional resource	
<b>Total annual payment £/ha</b>	