



## WQM1: llenwi'r cais

### Ansawdd dŵr

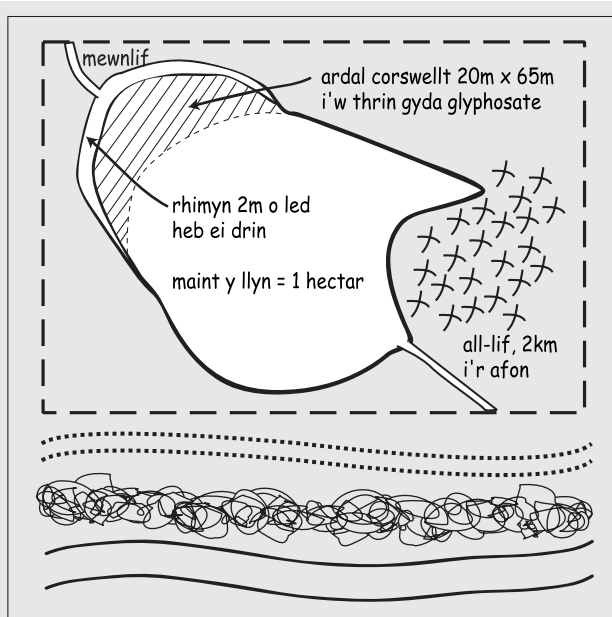
#### Nodiadau canllaw

Darllenwch y nodiadau hyn cyn cwblhau'r ffurflen. Byddant o help i chi roi'r wybodaeth sydd ei hangen arnom.

#### Lleoliad a manylion y safle

##### Cwestiwn 1.4

Cynllun sampl o'r safle



Corff y dŵr



Llystyfiant uchel a choed



Llwybr cerdded



Ffens



Gwrych



Ffordd

#### Cwestiwn 3.6 – Y llyslleiddiad rydych yn bwriadu ei ddefnyddio

Rhestrwch enw'r cynnyrch a'r cynhwysyn gweithredol. Bydd enw'r cynhwysyn gweithredol ar label y cynnyrch.

##### Maint y cynnyrch

Rhestrwch gyfanswm y cynnyrch (l = litr neu kg = kilogram) sydd i'w ddefnyddio a cyfanswm cyfatebol y cynhwysyn gweithredol (g = gramau). Ceir y fethodoleg ar gyfer cyfrifo'r rhain isod ar gyfer fformwleiddiau llyslleiddiaid hylif a solet. Mae label y cynnyrch yn rhoi gwybodaeth ynglŷn â

- sut i gyfrifo cyfanswm y cynnyrch sydd ei angen ar gyfer yr ardal sy'n cael ei thrin
- cyfanswm y cynhwysyn gweithredol a'r gyfradd gwanhau.

O dderbyn bod 1 ha = 10 000m<sup>2</sup>, dangosir y cyfrifiadau yn y ddwy enghraifft ganlynol ar gyfer ardaloedd o faint gwahanol.

##### Enghraifft 1: fformwleiddiad hylif

Y cynhwysyn gweithredol yn Roundup Pro Biactive yw glyphosate. Mae'n fformwleiddiad hylif sy'n cynnwys glyphosate mewn tewychiad o 360g/l. Argymhellir defnyddio 5 l/ha ar gyfer chwyn sy'n ymddangos.

##### Roundup Pro Biactive 5 l/ha

Arwynebedd m <sup>2</sup>	Cyfanswm	
	cynnyrch <i>litr</i>	cynhwysyn gweithredol <i>g</i>
10 000	5	360g/l x 5 = 1 800
35 000	$5 \times (35\ 000/10\ 000) = 17.5$	360g/l x 17.5 = 7 560
6 000	$5 \times (6\ 000/10\ 000) = 3$	360g/l x 3 = 1 080
1 000	$5 \times (1\ 000/10\ 000) = 0.5$	360g/l x 0.5 = 180
50	$5 \times (50/10\ 000) = 0.025$	360g/l x 0.025 = 9

##### Enghraifft 2: ffurfiant solet

Mae Roundup Biactive Dry yn ronynau sy'n toddi mewn dŵr sy'n cynnwys 42% w/w glyphosphate. Argymhellir defnyddio 4.5kg/ha ar gyfer chwyn sy'n ymddangos.

##### Roundup Biactive Dry 4.5kg/ha

Arwynebedd m <sup>2</sup>	Cyfanswm	
	cynnyrch <i>kg</i>	cynhwysyn gweithredol <i>g</i>
10 000	4.5	$4.5 \times 42\%/100 = 1.89\text{kg} = 1\ 890\text{g}$
35 000	$4.5 \times (35\ 000/10\ 000) = 15.75$	$15.75 \times 42\%/100 = 6.615\text{kg} = 6\ 615\text{g}$
6 000	$4.5 \times (6\ 000/10\ 000) = 2.7$	$2.7 \times 42\%/100 = 1.134\text{kg} = 1\ 134\text{g}$
1 000	$4.5 \times (1\ 000/10\ 000) = 0.45$	$0.45 \times 42\%/100 = 0.189\text{kg} = 189\text{g}$
50	$4.5 \times (50/10\ 000) = 0.023$	$0.023 \times 42\%/100 = 0.010\text{kg} = 10\text{g}$



## WQM1: filling in the application

### Water quality

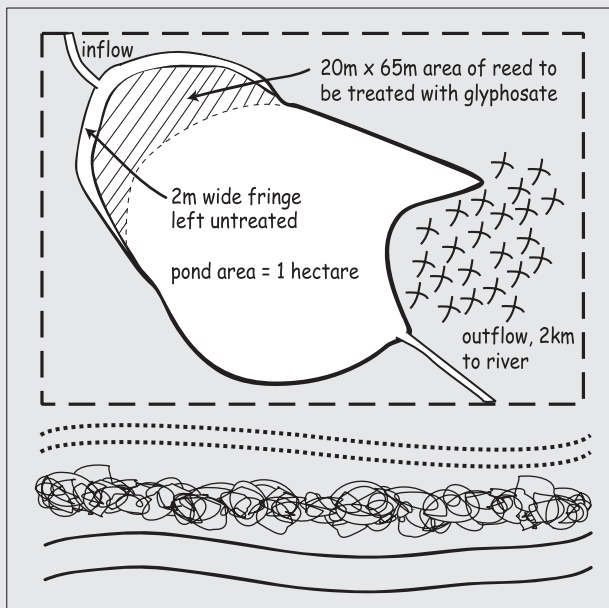
#### Guidance notes

Please read these notes before you complete the form. They will help you give us the information we need.

#### Location and details of the site

##### Question 1.4

##### Sample site plan



##### Question 3.6 – The herbicide you propose to use

List the product name and the active ingredient. The name of the active ingredient can be found on the product label.

##### Amount of product

List the amount of product (l = litres or kg = kilogrammes) which is to be used and the corresponding amount of active ingredient (g = grammes). The methodology for calculating these is given below for both liquid and solid herbicide formulations. The product label gives information on

- how to calculate the amount of product needed to cover the area to be treated
- the amount of active ingredient and dilution rate.

Given that 1ha = 10 000m<sup>2</sup>, the calculations are shown in the following two examples for different-sized areas.

##### Example 1: liquid formulation

The active ingredient in Roundup Pro Biactive is glyphosate. It is a liquid formulation containing glyphosate at a concentration of 360g/l. It is recommended to use 5 l/ha for emergent weeds.

##### Roundup Pro Biactive at 5 l/ha

Area m <sup>2</sup>	Amount of	
	product litres	active ingredient g
10 000	5	360g/l x 5 = 1800
35 000	$5 \times (35\,000/10\,000) = 17.5$	360g/l x 17.5 = 7560
6 000	$5 \times (6\,000/10\,000) = 3$	360g/l x 3 = 1080
1 000	$5 \times (1\,000/10\,000) = 0.5$	360g/l x 0.5 = 180
50	$5 \times (50/10\,000) = 0.025$	360g/l x 0.025 = 9

##### Example 2: solid formulation

Roundup Biactive Dry is a water soluble granule containing 42% w/w glyphosphate. It is recommended to use 4.5kg/ha for emergent weeds.

##### Roundup Biactive Dry at 4.5kg/ha

Area m <sup>2</sup>	Amount of	
	product kg	active ingredient g
10 000	4.5	$4.5 \times 42\%/100 = 1.89\text{kg} = 1890\text{g}$
35 000	$4.5 \times (35\,000/10\,000) = 15.75$	$15.75 \times 42\%/100 = 6.615\text{kg} = 6615\text{g}$
6 000	$4.5 \times (6\,000/10\,000) = 2.7$	$2.7 \times 42\%/100 = 1.134\text{kg} = 1134\text{g}$
1 000	$4.5 \times (1\,000/10\,000) = 0.45$	$0.45 \times 42\%/100 = 0.189\text{kg} = 189\text{g}$
50	$4.5 \times (50/10\,000) = 0.023$	$0.023 \times 42\%/100 = 0.010\text{kg} = 10\text{g}$