

NFU Oilseed Rape Insect Damage Survey: Spring 2015

Firstly, please insert your full name or NFU membership number as well as your postcode below:

Full name or NFU membership number	<input type="text"/>
Postcode	<input type="text"/>

1. How many hectares of oilseed rape did you grow on your farm / business across all possible sites during the 2014 / 2015 season and the two previous seasons?

Use numbers only. To convert acres into hectares, divide by 2.47

Season 2014 / 2015	<input type="text"/>
Season 2013 / 2014	<input type="text"/>
Season 2012 / 2013	<input type="text"/>

2. What is your total farm size in hectares, including all possible sites? Use numbers only. To convert acres into hectares, divide by 2.47

- 3.a Did you use any of the following insecticide SEED TREATMENTS on your WINTER OILSEED RAPE CROP during the season 2013 / 2014 (the last season of neonicotinoid seed treatment use)?

Cruiser OSR (Thiamethoxam/TMX), Chinook (Imidacloprid), OR Modesto (Clothianidin)

- ☐ Yes - used one or more of the above insecticide seed treatments
- ☐ No - I did not treat the crop with insecticide seed treatment
- ☐ Can't remember

4. What was the area treated with the following insecticide seed treatments on your winter oilseed rape crop during the season 2013 / 2014 (the last season of neonicotinoid seed treatment use)?

Please enter the approximate number of hectares to which each seed treatment was applied. Use numbers only and enter 0 where a seed treatment type was not used. To convert acres into hectares, divide by 2.47

Cruiser OSR (Thiamethoxam/TMX)	<input type="text"/>
Chinook (Imidacloprid)	<input type="text"/>
Modesto (Clothianidin)	<input type="text"/>

5. Did you plant more or less Winter Oilseed Rape (WOSR) in the Autumn 2014 / 2015 season that the previous year (2013 / 14 season)? **Select one**

- ☐ Planted **MORE WOSR** in the Autumn 2014 / 2015 season that the previous year (2013 / 14 season)
ANSWER Q6 & Q7 then Q10
- ☐ Planted **LESS WOSR** in the Autumn 2014 / 2015 season that the previous year (2013 / 14 season)
ANSWER Q8 & Q9 then Q10
- ☐ Neither - planted the same amount of WOSR **GO TO Q10**

6. To what extent did the following influence your decision to plant MORE WOSR in the Autumn 2014 / 2015 season that the previous year (2013 / 14 season)?

Please score on a scale of 1 (no influence) to 5 (very strong influence) in terms of how each affected your decision to plant more WOSR. **Select one for each**

	No influence (1)	A little influence (2)	Some influence (3)	Fairly strong influence (4)	Very strong influence (5)	Don't know
Overplanted due to lower than anticipated crop damage	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economics of crop	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weather at planting	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rotation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. Were there any other reasons why you decided to plant MORE WOSR in the Autumn 2014 / 2015 season that the previous year (2013 / 14 season)?

8. To what extent did the following influence your decision to plant LESS WOSR in the Autumn 2014 / 2015 season that the previous year (2013 / 14 season)?

Please score on a scale of 1 (no influence) to 5 (very strong influence) in terms of how each affected your decision to plant less WOSR. **Select one for each**

	No influence (1)	A little influence (2)	Some influence (3)	Fairly strong influence (4)	Very strong influence (5)	Don't know
Greater than anticipated crop damage	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economics of crop	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weather at planting	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rotation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. Were there any other reasons why you decided to plant LESS WOSR in the Autumn 2014 / 2015 season that the previous year (2013 / 14 season)?

10. How many hectares of WOSR do you plan for your farm/ business (across all possible sites) this upcoming autumn (2015 / 2016 season)?

Use numbers only. To convert acres into hectares, divide by 2.47

11.a You are no doubt aware that the 2014/15 season was the first season without neonicotinoid seed treatments being used in WOSR.

Which of the following pest management actions did you undertake for the Autumn 2014 / 2015 season due to the suspension of neonicotinoids ? **Select all that apply**

- ☐ Increased monitoring of pest levels
- ☐ Use of thresholds
- ☐ Used more foliar insecticide
- ☐ Used less foliar insecticide
- ☐ Replanted some OSR **ENTER DETAILS IN Q11b**
- ☐ Replaced with another crop **ENTER DETAILS IN Q11b**
- ☐ None of the above
- ☐ Other actions

Please specify other actions taken below:

11.b Approximately, what percentage of the total area of your WOSR crop this Autumn (2014 / 2015 season) did you....

Use numbers only

Replant with OSR?

Replace with another crop?

12. How do you monitor pest levels on your WOSR crop, if at all? **Select all that apply**

- ☐ Visual inspection / field walking
- ☐ Yellow water trays
- ☐ SMS alert service
- ☐ I don't monitor pest levels
- ☐ Don't know

13. Which insect pests did you find in your WOSR crops in autumn 2014, if any? **Select all that apply**

- ☐ Cabbage stem flea beetle
- ☐ Other flea beetle
- ☐ Peach-potato aphid (*Myzus persicae*)
- ☐ Rape winter stem weevil
- ☐ Turnip sawfly
- ☐ None
- ☐ Other pest/s

Please specify the other pest/s:

14. And which ONE of these insect pests did you consider to be the most difficult to control in Autumn 2014 while managing your WOSR crop, if any? **Select one**

- ☐ Cabbage stem flea beetle
- ☐ Other flea beetle
- ☐ Peach-potato aphid (*Myzus persicae*)
- ☐ Rape winter stem weevil
- ☐ Turnip sawfly
- ☐ None
- ☐ Other pest/s

Please specify the other pest/s:

15. **IF YOU TICKED CABBAGE STEM FLEA BEETLE IN Q13:** In your opinion, approximately what percentage of your WOSR was affected by adult CABBAGE STEM FLEA BEETLE in autumn 2014 on your farm / business (across all possible sites)? **Use numbers only.**

16. **IF YOU TICKED CABBAGE STEM FLEA BEETLE IN Q13:** Approximately, what percentage of the area of your WOSR crop in Autumn 2014 was affected by each level of damage on the following scale?

Severe damage (loss of 20% or more of the crop due to damage)

Moderate damage (loss of 11 to 20% of the crop due to damage)

Modest damage (loss of 10% or less of the crop due to damage)

No damage

Use numbers only i.e. no % sign required

	% of OSR planted area which saw each level of damage
Severe damage	<input type="text"/>
Moderate damage	<input type="text"/>
Modest damage	<input type="text"/>
No damage	<input type="text"/>
TOTAL (must equal 100)	<input type="text"/>

Spring sampling for larval damage: In the spring, the crop should be assessed by dissecting 25 plants collected from the field in a single sample between January and April. The plant stem and leaf petioles from each plant should be dissected with a sharp knife / scalpel. The cabbage stem flea beetle larvae have three pairs of legs and a dark head. One or two other larval species may be found (e.g. rape winter stem weevil and cabbage leaf miner) but these are very unlikely to be in enough numbers to cause significant damage.

17. **IF YOU TICKED CABBAGE STEM FLEA BEETLE IN Q13:** Have you observed any further decline in your crop as a result of Cabbage stem flea beetle larval damage over Winter 2014 and Spring 2015? **Select one**

☐ Yes **ANSWER Q18**

☐ No **GO TO Q19**

☐ Don't know **GO TO Q19**

18. Approximately, what percentage of the area of your WOSR crop in Winter 2014 and Spring 2015 was affected by each level of damage on the following scale?

Severe damage (loss of 20% or more of the crop due to damage)

Moderate damage (loss of 11 to 20% of the crop due to damage)

Modest damage (loss of 10% or less of the crop due to damage)

No damage

Use numbers only i.e. no % sign required

	% of OSR planted area which saw each level of damage
Severe damage	<input type="text"/>
Moderate damage	<input type="text"/>
Modest damage	<input type="text"/>
No damage	<input type="text"/>
TOTAL (must equal 100)	<input type="text"/>

19. **IF YOU TICKED PEACH POTATO APHID IN Q13:** In your opinion, approximately what percentage of your WOSR was affected by Peach-potato aphid (*Myzus persicae*) in autumn 2014 on your farm/ business (across all possible sites)? Use numbers only i.e. no % sign required

20. Have you carried out any test for Turnip Yellows Virus this season? **Select one**

☐ Yes **ANSWER Q21**

☐ No **GO TO Q22**

21. What were the results of your test for Turnip Yellows Virus this season (% of crop with TuYV) Use numbers only i.e. no % sign required

22. Taking into account any changes in your crop protection regime as a direct result of the suspension of use of neonicotinoids, do you anticipate that your WOSR YIELD per hectare will decrease, stay about the same or increase? **Select one**

☐ Increase

☐ Stay the same

☐ Decrease

☐ Don't know

☐ Not applicable

23. OPTIONAL

Are there any advantages of using a seed treatment rather than any other insecticide application techniques? If so, please specify:

23.a How many times did you treat your WOSR crop with FOLIAR insecticides during the time periods below? Use numbers only

During the Autumn
2014 season

During the Autumn
2013 season

24. How many times did you apply the following products to your WOSR crops in autumn 2014, if at all? **Select one for each**

	<i>Not applied</i>	<i>Once</i>	<i>Twice</i>	<i>3 times</i>	<i>4 times</i>	<i>5 times</i>	<i>More than 5 times</i>	<i>Don't know</i>
Plenum	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Hallmark	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Generic pyrethroids	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Mavrik	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Insist	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Tepekki	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Biscaya	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Decis	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

25. Did you apply any other products to your WOSR crops in autumn 2014? If so, please state:

a) which product/s AND

b) the number of applications for each product **e.g. example product x 5**

26. Which of the following statements would most closely apply to you if the suspension of neonicotinoid seed treatments for use on WOSR was to be lifted? **Select one**

- ☒ I would DEFINITELY go back to using a neonicotinoid seed treatment on my WOSR crop
- ☒ I would PROBABLY go back to using a neonicotinoid seed treatment on my WOSR crop
- ☒ I would PROBABLY NOT go back to using a neonicotinoid seed treatment on my WOSR crop
- ☒ I would DEFINITELY NOT go back to using a neonicotinoid seed treatment on my WOSR crop
- ☒ Don't know
- ☒ Not applicable