



This is an author produced version **of figures** belonging to a paper published in Atmospheric Environment.

This paper has been peer-reviewed and is proof-corrected, but does not include the journal pagination.

Citation for the published paper:

Bengtsson, S., Eriksson, J., Gärdenäs, A., Rosén, K. (2012) Influence of development stage of spring oilseed rape and spring wheat on interception of wet-deposited radiocaesium and radiostrontium. Volume: 60, pp 227-233. <http://dx.doi.org/10.1016/j.atmosenv.2012.06.062>.

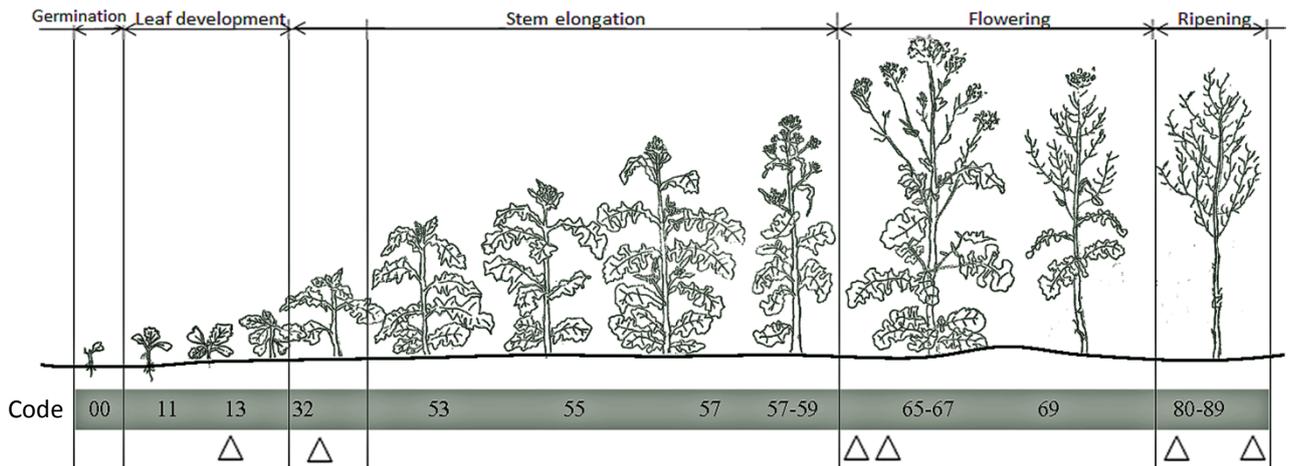
Access to the published version may require journal subscription.

Published with permission from: Elsevier.

Standard set statement from the publisher:

What rights do I retain as a journal author*? the right to make copies (print or electronic) of the journal article for your own personal use, including for your own classroom teaching use; the right to make copies and distribute copies of the journal article (including via e-mail) to research colleagues, for personal use by such colleagues for scholarly purposes*; the right to post a pre-print version of the journal article on Internet websites including electronic pre-print servers, and to retain indefinitely such version on such servers or sites for scholarly purposes* (with some exceptions such as The Lancet and Cell Press. See also our information on External link electronic preprints for a more detailed discussion on these points)*; the right to post a revised personal version of the text of the final journal article (to reflect changes made in the peer review process) on your personal or institutional website or server for scholarly purposes*, incorporating the complete citation and with a link to the Digital Object Identifier (DOI) of the article (but not in subject-oriented or centralized repositories or institutional repositories with mandates for systematic postings unless there is a specific agreement with the publisher. External link [Click here for further information](#)); the right to present the journal article at a meeting or conference and to distribute copies of such paper or article to the delegates attending the meeting; for your employer, if the journal article is a 'work for hire', made within the scope of the author's employment, the right to use all or part of the information in (any version of) the journal article for other intra-company use (e.g. training); patent and trademark rights and rights to any process or procedure described in the journal article; the right to include the journal article, in full or in part, in a thesis or dissertation; the right to use the journal article or any part thereof in a printed compilation of your works, such as collected writings or lecture notes (subsequent to publication of the article in the journal); and the right to prepare other derivative works, to extend the journal article into book-length form, or to otherwise re-use portions or excerpts in other works, with full acknowledgement of its original publication in the journal.

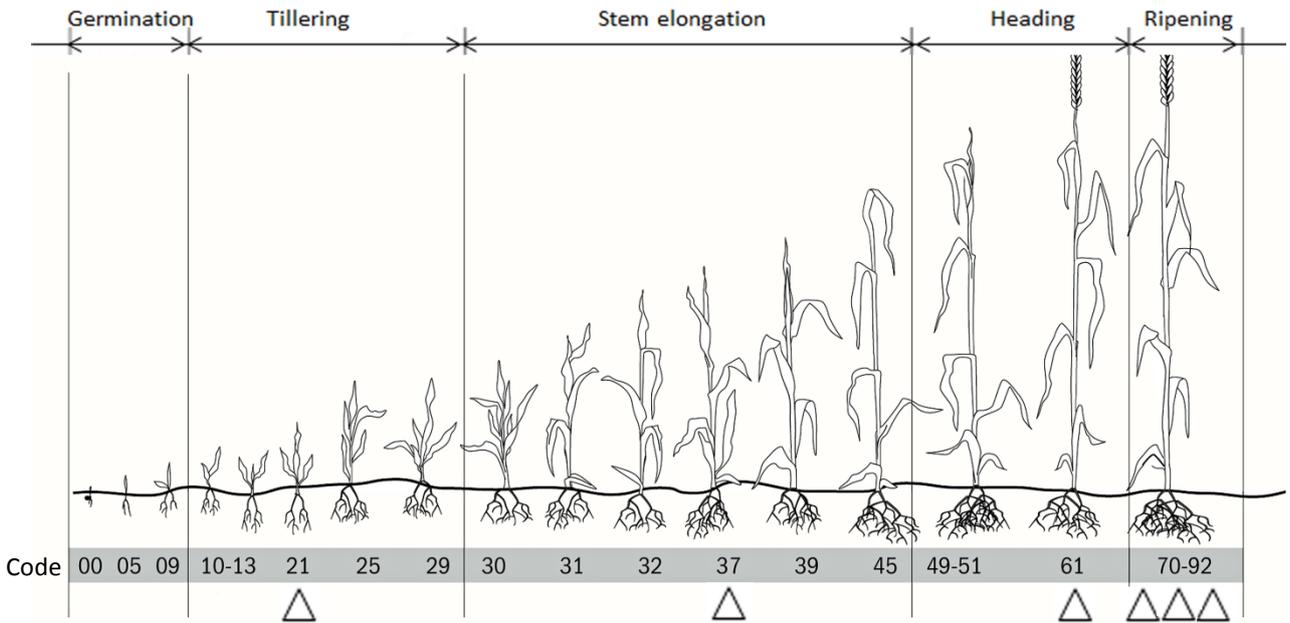
Epsilon Open Archive <http://epsilon.slu.se>



1

2 **Figure 1.** Growth stages in spring oilseed rape. Triangles indicate stages when deposition was carried out. (Illustration by
3 Giovanni Nigrinis).

4

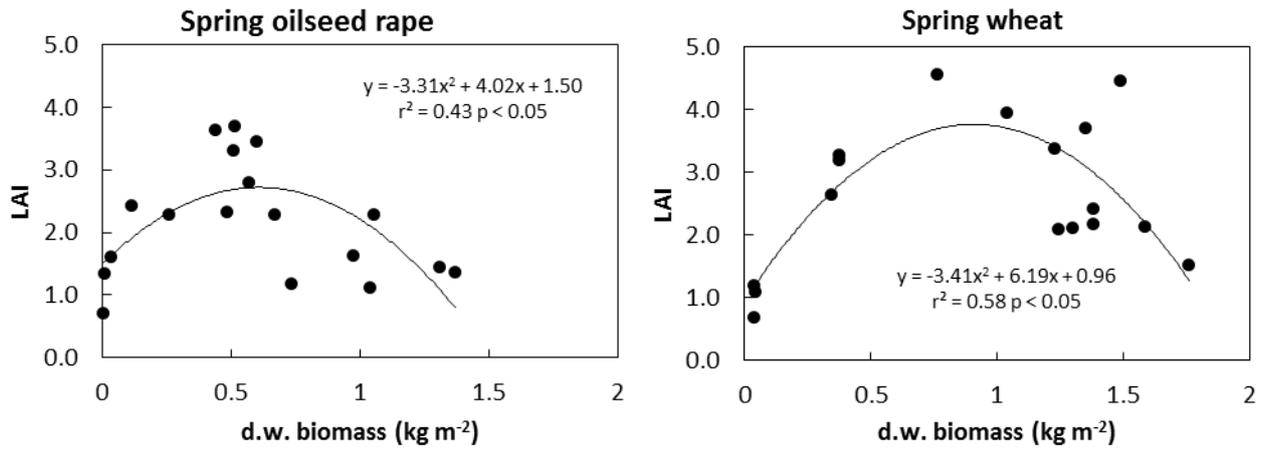


5

6 **Figure 2.** Growth stages in spring wheat taken from Bayer Crops Science (2011b). Triangles indicate stages when deposition
7 was carried out.

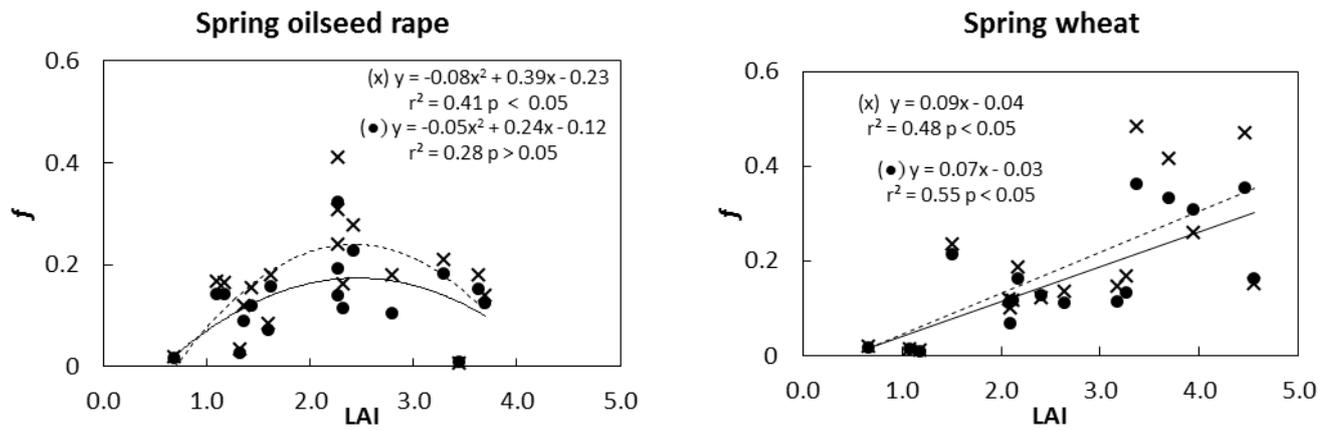
8

9



10 **Figure 3.** Relationship between LAI and above ground plant biomass dry weight (d.w.) (kg m^{-2}) of spring oilseed rape and
11 spring wheat.

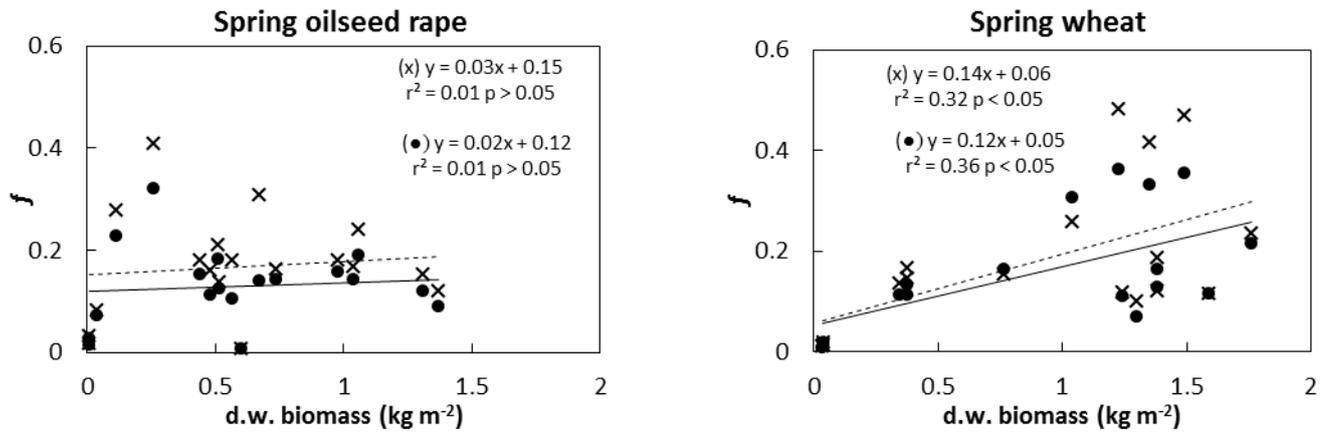
12



13 **Figure 4.** Relationship between intercepted fraction (f) of ^{134}Cs (\bullet) and ^{85}Sr (\times) and LAI of spring oilseed rape and spring
14 wheat.

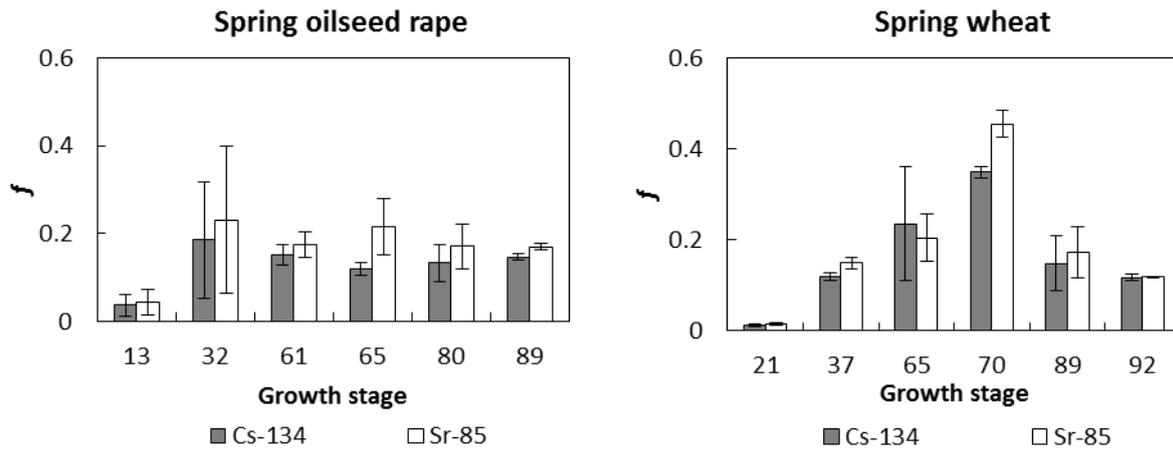
15

16



17 **Figure 5.** Relationship between intercepted fraction (f) of ^{134}Cs (●) (—) and ^{85}Sr (×) (--) and above ground plant biomass
 18 d.w. (kg m^{-2}) of spring oilseed rape and spring wheat.

19



20 **Figure 6.** Incerption fraction (f) of ^{134}Cs and ^{85}Sr at six different growing stages for spring oilseed rape and spring wheat (n
 21 = 3 in all growing stages, except for spring wheat at growing stage (65), that has $n = 2$). Error bars indicate standard deviation
 22 (S).

23