Annexe I

Ooms D., Destain M.F. (2010). Étude des potentialités de la vision artificielle pour la reconnaissance optique des semences immatures de chicorée industrielle (*Cichorium intybus* L.). *Biotechnologie, Agronomie, Société et Environnement* 14(1), 253-263.

http://popups.ulg.ac.be/Base/document.php?id=5203

Annexe II

Eyletters M., Ooms D., Destain M.F. (2010). La fluorescence chlorophyllienne au service des productions végétales. *Biofutur* 308, 44-46.

http://biofutur.revuesonline.com/article.jsp?articleId=14472

Annexe III

Ooms, D., Palm, R., Leemans, V., & Destain, M. F. (2010). A sorting optimization curve with quality and yield requirements. *Pattern Recognition Letters*, 31, 983-990.

http://www.sciencedirect.com/science/article/pii/S0167865509003572

Annexe IV

Ooms D., Destain M.F. (2011). Evaluation of chicory seeds maturity by chlorophyll fluorescence imaging. *Biosystems Engineering* 110, 168-177.

http://www.sciencedirect.com/science/article/pii/S1537511011001279

Annexe V

Ooms D., Destain M.F. (2012). Evolution of seed development, germination performance and chlorophyll fluorescence of chicory achenes. In: Cointault, F., Journaux, L., Rabatel, G., Germain, C. Ooms, D., Destain, M.F., Gorretta, N., Grenier, G., Lavialle, O. Marin, A. (2012). Texture, color and frequential proxy-detection image processing for crop characterization in a context of Precision Agriculture. *Agricultural Science* (ISBN 978-953-51-0567-1).

http://www.intechopen.com/books/agricultural-science/texture-color-and-frequential-proxy-detection-image-processing-for-crop-characterization-in-a-contex

Annexe VI

Ooms D., Périlleux C., Destain M.F. (2012). Analysis of the potential of achene coat chlorophyll fluorescence for chicory (*Cichorium intybus* L.) seeds sorting. (submitted to *Seed Science and Technology*).

http://www.seedtest.org/en/seed-science-and-technology-_content---1--1084.html