

## Instructions for Assessment 2 – Crop protection AGRI12002 2020

In this assessment you will be asked to **assume the role of a farm advisor (crop protection consultant)**. You will be **given a farm case study scenario** and asked to develop an **Integrated Pest Management (IPM)**; read 'pest' here for pests, weeds, and diseases!) plan for that enterprise, or for a subsection of the enterprise.

The aim of the IPM plan is to ensure an environmentally sustainable and economically profitable crop. You will analyse the given scenario, collect appropriate information about management steps and options, analyse them to come up with sound and well corroborated management recommendations, and make a good case that your recommendations are practical, economically viable and environmentally sound and sustainable. Your analyses, recommendations and evaluations must be based on scientifically reliable, authoritative sources, preferentially peer reviewed literature.

The assessment will be delivered in form of a written 'consultancy report'. The report has a word target of 2500 – 3000 (minimum – maximum, 10% tolerance for the maximum), excluding main title page, table of content, reference list, figure legends and table headings. The report should have a brief (maximum 200 words) executive summary included in the word limit. At least 10 references should be used, with at least 4 from scientific, peer reviewed literature. Designed as an 'authentic' assessment, the report must adhere to professional editing and formatting standards.

The report must be clearly and logically structured, and must contain the following (not necessarily all formally separated) sections: An executive summary; a characterisation of the given scenario highlighting the important key points including economic baseline data; identification and most relevant biological features of the main weeds, pests and/or diseases that affect the system; important characteristics of available management options and recommended actions; evaluation of the practical and economic viability of your recommendations; environmental sustainability and possible impacts beyond the given farming enterprise.