

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

3 credits	22.5 h + 15.0 h	Q1
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Teacher(s)	Agnan Yannick ;Bertin Pierre ;Declerck Stephan ;Draye Xavier ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	General principles of ecophysiology of major crops Biomass production and resources capture Passage from the isolated plant to the plant population Plant growth and development, yield components Morphology, phenology, physiological factors, biotic and abiotic stresses Application to several temperate, tropical and ubiquitous crops
Aims	<i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i>
Evaluation methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Written examination
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Oral teaching with case studies Field visits In silicomodelling
Content	Cf LBIRA2108
Inline resources	Moodle
Bibliography	S <u>upport de cours obligatoires</u> Syllabus (diapositives du cours), nombreuses visites de terrain <u>Supports de cours facultatifs</u> Sites internet vus au cours Ouvrages de référence Hay and Porter (2006) ' The physiology of crop yield Hay RKM and Walker AJ, 1989. An introduction to the physiology of crop yield. Longman, Essex. 292 p. Smith DL and Hamel C, 1999. Crop yield. Physiology and processes. Springer, Heidelberg. 504 p.
Other infos	This course can be given in English
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Agricultural Bioengineering	BIRA2M	3		