

Reference List for Ag & Bio Engineering PE Exam

(updated July 2015)

Title, Edition	Author(s) Publisher	Date	ISBN
Common System Applications			
ASABE Standards	ASABE	Most recent	
FE Reference Handbook v9.2	NCEES	2014	9781932613674
Mechanical Measurements, 6/e	Beckwith, Marangoni, and Lienhard Prentice Hall	2007	0201847655
Natural Resources and Ecology			
Soil and Water Conservation Engineering, 7/e	Huffman et al. ASABE	2013	1892769867
Introduction to Environmental Engineering, 5/e	Davis and Cornwell McGraw-Hill	2012	0073401145
National Engineering Handbook, Engineering Field Handbook , Ch 1, 3 & 4	USDA NRCS	Various	NA
National Engineering Handbook Part 651 Agricultural Waste Management Field Handbook	USDA NRCS	Various	NA
Wastewater Engineering: Treatment and Reuse, 5/e	Tchobanoglous et al. McGraw-Hill	2013	0073401188
Process Engineering			
Principles of Process Engineering, 4/e	Henderson, Perry, and Young ASAE	1997	0929355857
Transport Processes and Separation Process Principles (Includes Unit Operations), 4/e	Geankoplis Prentice-Hall	2003	013101367X
Facilities			
Environment Control for Plants and Animals	Albright ASABE	1991	0929355083
Structures & Environment Handbook MWPS-1, 11/e <i>(For ventilation. Out of date on structures.)</i>	Midwest Plan Service	1983, rev. 1987	893730572
Design of Wood Structures-ASD/LRFD	Breyer et al. McGraw-Hill	2007	71455396
Machines			
Shigley's Mechanical Engineering Design, 9/e	Budynas and Nisbett McGraw-Hill	2010	0077942906
Engine and Tractor Power, 4/e	Goering and Hansen ASAE	2004	1892769425
Fundamentals of Electricity for Agriculture, 3/e	Gustafson and Morgan ASAE	2004	1892769395
Engineering Principles of Agricultural Machines	Srivastava, Goering, Rohrbach ASAE	2006	20051892769506