



GrainBridge Curriculum Overview

GrainBridge Module	Module Objectives
1: Overview of Risk Management in Agriculture	<ul style="list-style-type: none"> Describe risks that exist in the agriculture industry Define risk-management and tools to manage risk Understand how to navigate the GrainBridge Risk Management Application
2: Build a Production Profile	<ul style="list-style-type: none"> List a variety of crops and livestock grown in your region Explain management practices for crops and livestock Create a crop and/or livestock profile using the GrainBridge Risk Management Application
3: Identify Per Unit Expenses	<ul style="list-style-type: none"> Identify per unit expenses associated with growing crops and livestock Enter per unit expenses for a crop and/or livestock profile using the GrainBridge Risk Management Application
4: Identify Gross Expenses	<ul style="list-style-type: none"> Identify gross expenses associated with growing crops and livestock Enter gross operating expenses using the GrainBridge Risk Management Application
5: Income and Profit	<ul style="list-style-type: none"> Explain income associated with growing crops and livestock Enter income using the GrainBridge Risk Management Application
6: Setting the Breakeven Price	<ul style="list-style-type: none"> Calculate the break-even price for crop and livestock operation Calculate the target price for a crop and livestock operation Establish the target price for your crop and/or livestock operation
7: The Balance Sheet	<ul style="list-style-type: none"> Define and identify assets and liabilities Define balance sheet and identify its structure Discuss the purpose of a balance sheet Develop a balance sheet in GrainBridge
8: The Cash Flow Statement	<ul style="list-style-type: none"> Define cash flow and identify cash inflows and outflows Discuss the purpose of a cash flow statement Identify the structure of a cash flow statement Develop and analyze a cash flow statement in GrainBridge
9: Factors of Supply and Demand	<ul style="list-style-type: none"> Understand the law of supply and demand Identify factors that influence supply and demand for agricultural markets Explain price-discovery Identify important crop and livestock reports
10: Introduction to Commodities Marketing	<ul style="list-style-type: none"> Define commodities marketing Identify the cash and futures market relationship Understand the evolution of commodities exchanges
11: Cash and Forward Cash Sales	<ul style="list-style-type: none"> Describe a cash contract and its advantages and disadvantages Describe a forward cash contract and its advantages and disadvantages Complete a cash sale transaction for crops and livestock
12: Hedge-to-Arrive Contracts	<ul style="list-style-type: none"> Describe a Hedge-to-Arrive (HTA) contract and its advantages and disadvantages Complete a Hedge-to-Arrive (HTA) contract for crops
13: Basis Contracts	<ul style="list-style-type: none"> Define basis Identify what factors that influence basis levels Describe a basis contract and its advantages and disadvantages Complete a basis contract for crops



14: No Price Established Contracts	<ul style="list-style-type: none">• Describe a No Price Established (NPE) contract and its advantages and disadvantages• Complete a NPE contract for crops
15: Futures Contracts	<ul style="list-style-type: none">• Define a futures contract• Describe futures market participants• Identify contract order components• Describe how futures contracts are settled• Discuss the advantages and disadvantages of futures contracts for producers• Initiate an futures contract for crops and livestock
16: Hedging with Futures	<ul style="list-style-type: none">• Define hedging• Illustrate the hedging process• Describe how hedging reduces price risk• Discuss the advantages and disadvantages of hedging with futures contracts for producers• Complete a hedge for crops and livestock
17: Options Contracts	<ul style="list-style-type: none">• Define an option and terms associated with option contracts• Describe the purpose of put and call options• Explain how option premiums are determined• Describe how option contracts are settled• Initiate an options contract
18: Hedging with Options	<ul style="list-style-type: none">• Illustrate the hedging process with options• Describe how hedging with options reduces price risk• Discuss the advantages and disadvantages of hedging with options• Complete an options hedge for crops and livestock
19: Crop Insurance	<ul style="list-style-type: none">• Explore crop insurance products and their advantages• Calculate crop insurance payments• Create a crop insurance profile
20: Payments	<ul style="list-style-type: none">• Identify programs where producers receive payments• Complete a payment transaction