CONCEPT

Agricultural, Parametric and Microinsurance Course: Index Cover, Triggers and Distribution

7 – 11 November 2027
Dammam - Eastern Province five-star



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Ref: 1600_25594 **Date:** 7 – 11 November 2027 **Location:** Dammam - Eastern Province five-star **Fees:** 19500 SAR

Introduction:

Agricultural, parametric and microinsurance cover, from index-based to indemnity crop and livestock products, is the subject of this 1-week course for insurer product teams, agriculture fund managers and development agency staff, ending with an Agricultural Insurance Product and Distribution Plan. Many farm cover schemes fail because triggers miss real losses, premiums exceed what smallholders can pay and distribution never reaches the insured. Nominees already design, fund or administer insurance or rural finance products, and teaching is by case study on scheme designs and loss data. CoreConcept Training Center delivers this agricultural, parametric and microinsurance course.

Course Objectives:

- Compare indemnity, area-yield and parametric index cover for crops and livestock and select the structure that fits a farming system
- Specify triggers, exit thresholds, sums insured and tiered payout schedules for a parametric or index product
- Calculate expected payouts and premium loadings in a spreadsheet and test index payouts against farm-level losses to measure basis risk
- Choose microinsurance distribution models and aggregator channels that reach smallholders and sustain enrolment and renewal
- Structure a premium subsidy scheme with public and private cost sharing and set controls against fraud, moral hazard and adverse selection
- Prepare an agricultural insurance product and distribution plan with a pilot monitoring design for a case organisation

Target Audience:

- Product development and underwriting teams in insurers responsible for farm, livestock and low-income cover
- Agriculture fund managers accountable for risk transfer instruments that protect farm lending and investment
- Development agency staff who design and finance insurance components of rural resilience initiatives
- Rural finance and cooperative managers who distribute cover through lenders, input suppliers and member networks
- Reinsurance and risk analysis teams who assess agricultural portfolio exposure and index data

Course Outline:

Day 1: Agricultural Risk Landscape and Insurance Market Foundations

- Crop and Livestock Peril Map by Farming System and Season
- Indemnity Versus Index Cover Comparison Matrix
- Insurable Risk Tests Applied to Yield and Mortality Losses
- Farm Cover Value Chain Map of Insurers, Reinsurers and Intermediaries
- Current Cover Gap Assessment Using Farm Household Loss Records

Day 2: Indemnity and Index Product Design for Crops and Livestock

- Multi-Peril and Named-Peril Crop Policy Wording and Loss Assessment
- Area-Yield Index Design Using Crop Cutting Experiment Samples
- Rainfall and Satellite Vegetation Index Trigger Calibration Worksheet
- Livestock Mortality Cover and Forage Index Design
- Sum Insured, Deductible and Tiered Payout Schedule Setting

Day 3: Parametric Trigger Specification, Pricing and Basis Risk Testing

- Trigger and Exit Threshold Specification in a Parametric Term Sheet
- Historical Index Data Quality Review and Gap Filling Rules
- Expected Payout and Premium Loading Calculation in a Spreadsheet
- Basis Risk Testing Through Farm-Level Loss Against Index Payout
- Payout Speed Design for Automated Verification and Settlement

Day 4: Microinsurance Distribution, Subsidy Schemes and Control Design

- Partner-Agent, Full-Service, Provider-Driven and Community-Based Distribution Models Compared
- Aggregator Channels Using Cooperatives, Lenders and Input Suppliers
- Premium Subsidy Scheme Design and Public-Private Cost Sharing Model
- Farmer Education, Enrolment and Renewal Funnel Metrics
- Fraud, Moral Hazard and Adverse Selection Control Checklist

Day 5: Case Study on an Agricultural Insurance Product and Distribution Plan

- Case Smallholder Cereal Index Product Pricing and Trigger Review
- Case Pastoral Livestock Cover with Forage Index and Mortality Payout
- Case Cooperative Distribution Channel Economics and Subsidy Request Test
- Pilot Monitoring Dashboard and Claims Data Specification Draft
- Agricultural Insurance Product and Distribution Plan Completion and Peer Challenge

Skills You Will Gain:

- Index Cover Design
- Parametric Trigger Calibration
- Basis Risk Measurement
- Crop and Livestock Loss Assessment
- Premium Loading Calculation
- Microinsurance Channel Selection
- Subsidy Scheme Structuring
- Farm Cover Fraud Control

Why Attend This Course:

- Deliver an Agricultural Insurance Product and Distribution Plan to the product committee, fund investment lead and development agency sponsor
- Decide whether a farm risk is better covered by indemnity, area-yield or a parametric index and what payout the farmer can expect
- Avoid launching schemes whose triggers miss real losses, whose premiums go unaffordable or whose channels fail to renew customers
- Pass on to colleagues a loss-testing method and a channel scorecard that make scheme reviews consistent across crops and livestock

Conclusion:

Back at work, the participant presents the Agricultural Insurance Product and Distribution Plan to the product committee, the fund investment lead and the development agency sponsor, who use it to approve the trigger or loss basis, the subsidy request and the distribution channel for a pilot. Operations teams use its claims and data checklist to prepare the first season. After that season, the unit should review payout accuracy, uptake, renewal and complaints against the plan, then adjust trigger levels and channels.

Frequently Asked Questions FAQ:

What should participants know before an agricultural, parametric and microinsurance course?

Participants should already work on insurance, rural finance or agricultural funding products and understand premiums, claims and sums insured. Bringing a scheme description, loss records or an index dataset from their own work makes the case sessions more useful.

How does an agricultural, parametric and microinsurance course differ from a corporate insurance buying course?

It focuses on designing and distributing farm and low-income cover: index triggers, basis risk, subsidies and rural channels. A corporate insurance buying course concentrates on how a company places its own property, liability and fleet policies with brokers.

Why is basis risk central to parametric and index insurance for farmers?

A payout follows a measured index, not the farm's own loss, so some farmers lose money without payment while others are paid without loss. Testing index payouts against farm-level losses shows how well a trigger protects customers.

What do participants take back from the agricultural, parametric and microinsurance course?

Participants take back an Agricultural Insurance Product and Distribution Plan, plus a trigger specification template, a premium loading spreadsheet, a basis risk test sheet, a channel scorecard and a pilot monitoring outline adaptable to their own schemes.