

Basic Risk Management. Hedging Motivation. Example. [PRODUCER OF A GOOD]. e.g., · farmers producing soy beans, peanuts, corn,... mining company excavating: gold, silver, ...
oil company extracting chude oil
factories making "widgets", "verges", ... (C), deterministic total aggregate fixed and variable costs valued @ the time of sale of the good If) the producer sells the good in the market, they get exactly the market price. This value is outside of their area of influence.

Payoff/Rofit Payoff/Ropit "(C (break even) s(final asset price) torward Contract. * A binding contract on both sides * * delivery date (when cosh is exchanged for Handshake ? the underlying) An agreement: • underlying asset
• the quantity (for us: 1 unit) physical (logistics!)
• the type of settlement < cosh · T... delivery date · (F.). forward price

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On the delivery date:

LONG FORWARD: BUYING FORWARD

+SCT) 1 cunit of 1 | forward price F

SHORT FORWARD: SELLING FORWARD

Payoff (Long Forward) = SCT) - F | Negatives of each

Payoff (Short Forward) = F - SCT) |

For any contingent claim (CC):

Payoff (long CC) = - Payoff (short CC)
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