



Problem 3.2. To plant and harvest 20,000 bushels of corn, Farmer Jayne incurs total aggregate costs totaling \$33,000 The current spot price of corn is \$1.80 per bushel. What is the profit if the spot price is \$1.90 per bushel when she harvests and sells her corn?

- (a) About \$3,000 gain
- (b) About \$3,000 loss
- (c) About \$5,000 loss
- (d) About \$5,000 gain
- (e) None of the above

Solution: (d)

 $\boxed{1.90\ 20,000 - 33,000} = 5,000$

deterministic and valued @ time.T(e.g., harvest time)

Hedging Motivation. Example Producer of Goods. · farmers producing corn, soy beans, peaches,... · creede oil · one mining · "widgets" C... deterministic, total aggregate fixed and variable costs of production valued @ the time of sale, i.e., time. T If the producer sells their goods in the market, they get the narket price. This is outside of their domain of influence. y=5-C break even s(final asset price)