

NEBRASKA
AGRICULTURE
IN THE CLASSROOM
 NEBRASKA FARM BUREAU FOUNDATION

Competitive Farming Worksheet

Name _____

Step 1: The Gamble

Leave your bag of M&Ms® unopened. Predict how many of each color of M&Ms® candy you will get in your bag. You will have approximately 55-60 M&Ms® in the bag.

Blue _____ Brown _____ Red _____ Orange _____ Yellow _____ Green _____

Step 2: Pre-Selling

Would you like to sell your corn (M&Ms®) before you harvest (open your bag) and get a premium price for your commodity? You can pre-sell now for \$3.50, or for \$3.20 once you open your bag.

Pre-sold corn:

Place the number you wish to sell in the first blank. Multiply to see what you could make.

Blue:	_____	X	\$3.50	=	_____
Brown:	_____	X	\$3.50	=	_____
Red:	_____	X	\$3.50	=	_____
Orange:	_____	X	\$3.50	=	_____
Yellow:	_____	X	\$3.50	=	_____
Green:	_____	X	\$3.50	=	_____

Total from Step 2: \$ _____

Step 3: The Harvest

Open your bag and place all the M&Ms® on the surface in front of you. Count how many actual M&Ms® you have of each color and enter the totals below.

Blue _____ Brown _____ Red _____ Orange _____ Yellow _____ Green _____

Now subtract what you have pre-sold from your actual harvest and write the new number below. If you have over-sold all or part of your harvest in Step 2, you will have a negative number in the blank.

	Actual Harvest		Pre-Sold Amount		
Blue:	_____	—	_____	=	_____
Brown:	_____	—	_____	=	_____
Red:	_____	—	_____	=	_____
Orange:	_____	—	_____	=	_____
Yellow:	_____	—	_____	=	_____
Green:	_____	—	_____	=	_____

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Step 4: Selling

Take the information you obtained in Step 3 and use it below to find out how much money you made on your corn (M&Ms®) that was not pre-sold. Only write down the positive numbers; skip the negative numbers until Step 7.

Blue:	_____	X	\$3.20	=	_____
Brown:	_____	X	\$3.20	=	_____
Red:	_____	X	\$3.20	=	_____
Orange:	_____	X	\$3.20	=	_____
Yellow:	_____	X	\$3.20	=	_____
Green:	_____	X	\$3.20	=	_____

Total from Step 4: \$ _____

Step 5: Before and After Harvest Totals

Add together the totals you made either from pre-selling your corn (M&Ms®) at \$3.50 or selling your corn (M&Ms®) after harvest at \$3.20.

Total from Step 2: \$ _____

Total from Step 4: \$ _____

Total Made: \$ _____

Step 6: Grand Total

Did you oversell any corn (M&Ms®)? (circle one) **YES** **NO**
 If no, write how much you made below from step 5.

Grand Total (from Step 5) \$ _____

Step 7: The Cost of Overselling

If you oversold your corn (M&Ms®), you will have to buy more corn to make up the difference. The grain elevator will also charge handling fees on top of the base price of the corn you buy. Write all the negative numbers (from Step 3) for each color of M&Ms® you oversold in the blanks below. Write the sum of these numbers in the Total Oversold blank, then find out how much you have to pay to buy more corn.

Blue _____ **Brown** _____ **Red** _____ **Orange** _____ **Yellow** _____ **Green** _____

Total Oversold: _____ X \$3.70 = _____

Step 8: Grand Total

Now, subtract the total amount you oversold in Step 7 from the total in Step 5 to find out your grand total.

Total made (from Step 5):	_____
Total oversold (from Step 7):	_____
Grand Total:	\$ _____



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M&M® GRAPH

Name _____

E = Estimate

A = Actual

