# **MEATS EVALUATION AND TECHNOLOGY**

Updated 3/17/14

### PURPOSE:

The purpose of the Meat Evaluation and Technology Career Development Event is to assist the local Agricultural Education instructors in motivating students to become knowledgeable consumers of meat and meat animal products, and / or become involved in the industry of meat animal marketing and merchandising.

# **OBJECTIVES:**

- To develop employment skills for students who are interested in exploring or pursuing career opportunities in the meat animal industry.
- To encourage the development of broader analytical skills, critical thinking strategies and an understanding of appropriate meat terminology for high school students.
- To develop the ability to evaluate meat animal products in order to optimize economic returns to producers and industry as well as to meet the needs of the consumer.

# **COMMON CORE REFERENCES:**

# 7th Grade

CCSS.Math.Content.7.EE.B.3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.

### 8th Grade

MS-LS4-5. Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.

### 9-10th Grade

CCSS.Math.Content.HSA-CED.A.3 Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options in a modeling context.

### 11-12th Grade

CCSS.ELA-Literacy.SL.11-12.2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.

# **GUIDELINES:**

Clipboards, calculators, and paper will be provided

### Required Items:

<u>A hard hat, White Coat/Smock and Hair Net must be brought to the contest by</u> the participant.

# **EVENT PROCEDURES:**

The event will be divided into six sections as follows:

- 1. Meat Formulation Problem Solving
- 2. Retail Meats Cuts Identification
- 3. Beef Quality and Yield Grading
- 4. A maximum of six Wholesale or Retail classes
- 5. Keep/ Cull Class
- 6. Multiple Choice Objective-Type Test (Starting 2014)

# 1. Meat Formulation Problem Solving

Students will be given a situational problem involving the least cost formation of a batch of particular meat product (hamburger, wiener, bologna, etc..). This problem will be worth 50 points and consist of procedural questions and the actual determination of the least cost price.

\*Ground Beef Formulation Problem Training Materials: Assume that you manage a meat plant which manufactures ground beef for a chain of retail stores. Your goal is to produce a fresh, wholesome product which complies with all meat inspection regulations and which will have three days shelf life in the meat case. The fat content must comply with the specifications of the stores. The cost of the product should be as low as possible.

\* Ground Beef Regulations (USDA) GROUND BEEF: The term "Ground Beef" and "Chopped Beef" are synonymous. Products so labeled must be made with fresh beef with or without seasoning, and without the addition of fat as such, and shall contain no more than 30% fat. It may not contain added water, binders, or extenders. It may contain beef cheek meat not to exceed 25%. Heart meat and tongue are not acceptable ingredients.

If the name is qualified by the name of a particular cut, such as "Ground Beef Round" or "Beef Chuck Ground" the product must consist entirely of meat from the particular cut or part. \*Industry Guidelines on Ground Beef Manufacture

- A. To get the most desirable color and maximum shelf life, all boneless meats used to manufacture ground beef shall be fresh (not frozen), well chilled (temperature no higher than 35 degrees Fahrenheit), and shall arrive at the plant within 96 hours of animal slaughter.
- B. A least-cost determination shall be performed on acceptable meat ingredients to select those meats which produce the lowest cost product which meets all ground beef guidelines.
- C. To simplify the grinding and blending operation, only two meat ingredients will be used for each batch.
- D. Rounding of decimals: 5 9 will be rounded up; 1 4 will be rounded down.

**EXAMPLE:** Formulating a Batch of Ground Beef to Desired Fat Content - Using the Pearson Square Meats:

- a Boneless cow meat (10% fat \$.99 / lb.)
- b. 75% lean beef trimmings (25% fat \$.79 / lb.)

Desired Final Fat Content: 20 %

Batch Size: 1,000 lbs.

Determine

- a. The amounts of the two types of meat which must be blended together to give the desired fat content.
- b. The meat cost of the finished product. \*\*

**\*\*NOTE:** You will only be determining meat costs. In an actual situation overhead cost must also be added to the cost of the ground beef to account for labor, equipment, transportation, etc.. In this exercise the student need not be concerned with these overhead costs.

#### Pearson Square



# SAMPLE PROBLEM:

You must follow all government regulations and company policies listed in the training materials. Determine which available ingredients to use (and to what levels) to make the lowest priced ground beef acceptable.

# **Specifications:**

Desired fat content of finished product is <u>18%</u> Batch size = <u>5,000 pounds</u> Manufacturing Date = <u>February 10</u> No product over 5 days old may be used No variety meats may be used No product over 35 degrees Fahrenheit may be used

# **Boneless Meat Ingredients Available:**

	Slaughter			
	Date	Temp.	Fat Content	Price
Bull Meat	February 6	33 degrees F	8%	\$1.05
Boneless Chuck	February 7	35 degrees F	14%	\$1.00
75% lean trim	February 4	32 degrees F	25%	\$0.75
50% lean trim	February 6	31 degrees F	50%	\$0.55
Beef Chuck Meat	February 7	37 degrees F	12%	\$0.70
Beef Hearts	February 6	32 degrees F	15%	\$0.35

# Solution:

Do all potential ingredients meet government regulations and company specifications?

Acceptable	Not Acceptable
Bull Meat	75% lean trim (too old)
Boneless Chuck	Chuck meat (too warm)
50 % lean trim	Beef hearts (not allowed)

Therefore, to produce desired fat content, product could be made with either of the two following combinations:

- 1. Bull meat and 50% lean trim
- 2. Boneless chuck and 50% lean trim

Which combination results in the lowest meat cost?





Proportions:	
Bull meat = 32 / 42 = 0.76 x 5,000	0 = (3,800  lbs.)
50% trim = 10 / 42 = 0.24 x 5,000	)= <u>(1,200 lbs.)</u> 5,000 lbs.
Cost: Bull meat - 0.76 x \$1.05 = \$0.79 50% trim - 0.24 x \$.55 = <u>\$0.13</u> \$0.93	18 <u>2</u> or \$0.93 / Ib.
2.	
Boneless Chuck	32
14% fat	% fat nal)
50% fat / trim	<u>4</u> 36
Proportions:	
Boneless chuck = 32 / 36 = 0.89	x 5,000 = (4,450  lbs.)
50% trim = 4 / 36 = 0.11 x 5,000=	<u>( 550 lbs.)</u> 5,000 lbs.
Cost:	<b>AA AA</b>
Boneless chuck - $0.89 \times 1.00 =$ 50% trim - 0.11 x \$ 55 =	\$0.89 \$0.06
	\$0.95 or \$0.95 / lb.
Final Solution: Meats to be used Bull meat	:

Meat Cost: \$0.93 per pound

# SCORING:

To facilitate computer scoring of this exercise, the participants will be given a list of meat / price combinations (up to ten) and be required to select the correct one, based upon the above calculations.

# Example: Check the correct solution:

- a. Bull and chuck meat (0.89)
- b. Boneless chuck and 75% lean trim (0.91)
- c. Bull meat and 50% lean trim (0.93)
- d. Boneless chuck and 50% lean trim (0.90)
- e. Bull meat and 50% lean trim (0.68)
- f. Beef hearts and 75% lean trim (0.68)
- g. Bull meat and 50% lean trim (0.97)
- h. Beef chuck meat and bull meat (1.04)
- i. 75% lean trim and 50% lean trim (0.67)
- j. 50% lean trim and bull meat (0.87)

# **Example questions:**

a. Which ingredients do not meet company temperature constraints?

Answer: Beef chuck meat

b. Which ingredients do not meet company freshness requirements?

Answer: 75% lean trim

c. Which ingredients do no meet government regulations?

Answer: Beef hearts

# \* 30 minutes will be allowed for this section

# 2. Retail Meat Cuts Identification

Students will identify 40 retail cuts of meat. The cuts will be divided into two classes of 20 cuts per class. Students will be given one (1) minute to identify each cut according to the **"Meat Identification Card"**. The coding of the retail cuts is listed under **"Wholesale Retail Cuts Coding"**. Only the cuts listed on form 7 are eligible to be used in this event. Students will be given one (1) point for correct species identification, two (2) points for correct primal cut identification, three (3) points for correct retail trade name, and one (1) point for cookery.

# 3. Beef Quality and Yield Grading

Participants will quality and yield grade six beef carcasses. The carcasses will be divided into two classes of three carcasses. Ten minutes will be allowed for each class.

- A. <u>Quality Grading</u>: The student should give the carcass a maturity score and a marbling score based on USDA standards and then determine the quality grade. The possible quality grades and a corresponding letter are listed at the bottom of form 5. The student should write the number that corresponds with the quality grade under the column titled "Number, Quality Grade".
- B. <u>Yield Grading</u>: Using Form 5, students should write in the carcass weight which is given for each carcass, give the carcass a preliminary yield grade based on USDA Standards, then adjust the preliminary yield grade using "Ribeye Area" and "Kidney, Pelvic, and Heart Fat". After completing these steps, the student should write in the number that corresponds to the final yield grade (chart on lower portion of Form 5) under the "Number, Yield Grade" column. Only the final yield will be graded.

# 4. Placing of Four Classes

Using Form 2, four classes selected from the following, will be placed.

- a. one class of four beef carcasses
- b. two classes of retail cuts beef, pork, or lamb
- c. one class of four pork carcasses
- d. one class of four wholesale pork cuts
- e. one class of beef wholesale cuts

# \* Seven minutes will be allowed to place each class

# 5. Placing of Two Classes and Ten Questions

Two classes selected from the list in "Section D" will be placed. Ten minutes will be allowed to place each class and then 10 questions will be asked covering both classes.

### Sample Question:

Which beef carcass had the highest percentage of kidney, pelvic and heart fat?

### 6. Objective-Type Multiple Choice Test

25 objective-type multiple choice questions will be selected from the CEV Meat Science and Food Safety DVD reference. Each question will be worth two points.

# 7. Keep/ Cull Class - 50 points

Participants will be provided with a scenario based on an industry standard or situation. Participants will be given time to review the scenario and then time to evaluate the meat product and make a selection based on the provided information. *Example:* Select the four ribeye steaks to be sold to a high class "white table cloth" restaurant that advertises superior quality.

Scoring: Four meat products to be kept will have an aggregate score of 50 points

# Scoring of the Event will be as follows:

	Total Event	1010 points (possible)
Section 7 - Keep/ Cull Class		<u>50 points</u>
Section 6 - Objective-Type Multi	ole Choice Test	50 points
- Questions		50 points
Section 5 - Placing of Two Class	es	100 points
Section 4 - Placing of Four Class	ses	200 points
- Yield Grading (3-5 d	carcasses 10pts each)	50 points (Maximum)
Section 3 - Quality Grading (3-5	carcasses 12pts each)	60 points (Maximum)
Section 2 - Retail Meat Cut Ident	tification	400 points
Section 1 - Problem Solving		50 points

# **GENERAL INFORMATION:**

- 1. Participant and official judges are to make their placing's and identifications without handling the meat. Official grading of the grading classes of carcasses will be done by the USDA Grading Service, if possible.
- Other than the official cards for the career development event, participants will be allowed to have <u>blank paper</u>. No mechanical aids such as measuring devices or lights can be used in arriving at a decision. Non-programmable calculators may be used in the event.
- 3. **Clothing:** Participants must come prepared to work in a cold storage room for two hours. They should have heavy sweaters, coats and other warm clothes and footwear. Participants **MUST wear a clean white coat and a hard hat.**
- 4. There will be four (4) members per team.

# References

National FFA Core Catalog – http://shop.ffa.org/cde-materials-c1289.aspx

• Meat Evaluation Handbook (hard bound)

- Retail Meat Instructional Materials/Instructor Combo Pack
- Retail Meat Team Combo Pack
- Retail Meats Field Guide
- Retail Meats Flash Cards
- Meat Identification Tutorial CD-ROM
- Meat Buyer's Guide
- NAMP Meat Posters
- Beef, Lamb, Pork and Veal Cut Charts
- Meats Evaluation Scan Forms
- National FFA CDE Q&A's (2007-2010)
- FFA Learn-National FFA CDE Q&A's (2005 & 2006)
- https://ffa.learn.com/learncenter.asp?id=178409&page=31&mode=preview

#### **CEV Multimedia**

1020 SE Loop 289, Lubbock, TX 79404, (800) 922-9965

- Meat Evaluation Handbook (DVD)
- Retail Cuts Identification (DVD)
- Meat Science and Food Safety (DVD) written exam resource
- Beef Myology http://bovine.unl.edu/bovine3D/eng/nIntro.jsp

#### National Cattlemen's Beef Association

9110 E. Nichols Ave. #300, Centennial, CO 80112, (303) 694-0305/1-800-368-3138

- USDA Marbling Photographs
  - Guide to Identifying Meat Cuts
  - https://store.beef.org/

#### American Meat Science Association (AMSA)

2441 Village Green Place, Champaign, Illinois 61874, (800) 517-2672 http://www.meatscience.org/page.aspx?id=539

Email: information@meatscience.org

USDA Marbling Photographs

#### Art Services, Inc.

3015 Earl Place, N.E., Washington, D.C., 20018, (202) 526-5607

Beef Ribeye Grids

#### NASCO

901 Janesville Avenue, P.O. Box 901, Fort Atkinson, WI 53538-0901, 1-800-558-9595

- Preliminary Yield Grade Rulers (http://www.enasco.com/product/C02615N)
- Beef and Pork Ribeye Grids

#### Example Meats Evaluation Websites of Classes and Materials

http://aggiemeat.tamu.edu/judging/meatjudging.html

http://animalscience.unl.edu/meats/id/

Guardian	During al	Retail	Cooking	Gradia	During al	Detail Cert	Cooking
Species	Primai	Cut	Method	Species	Primai	Retail Cut	Method
B D	B	89	M	Beel	Brisket	Flat Half Pals	Moist
D	D	10	IVI M	Deef	Drisket	Whole Pris	Moist
D	Б	10	IVI M	Deel	Chuel	7 hone Det Boast	Moist
D		20	IVI M	Deel	Chuck	/-Utile Fot-Koast	Moist
B		03	M	Beel	Chuck	Arm Pot-Roast	Moist
B		04	M	Beel	Chuck	Arm Pol-Roast, Bhis	Moist
B		06		Beef	Chuck	Blade Roast	Moist
B	C	13	D/M	Beef	Chuck	Eye Roast, Bhis	Dry/Moist
B	C	45	D	Beef	Chuck	Eye Steak, Bnls	Dry
B	C	20	M	Beef	Chuck	Mock Tender Roast	Moist
B	C	48	M	Beef	Chuck	Mock Tender Steak	Moist
B	C	21	D	Beef	Chuck	Petite Tender	Dry
B	C	29	D/M	Beef	Chuck	Shoulder Pot Roast (Bnls)	Dry/Moist
B	С	58	D	Beef	Chuck	Top Blade Steak (Flat Iron)	Dry
В	D	47	D/M	Beef	Flank	Flank Steak	Dry/Moist
В	F	49	D	Beef	Loin	Porterhouse Steak	Dry
В	F	55	D	Beef	Loin	T-bone Steak	Dry
В	F	34	D	Beef	Loin	Tenderloin Roast	Dry
В	F	56	D	Beef	Loin	Tenderloin Steak	Dry
В	F	59	D	Beef	Loin	Top Loin Steak	Dry
В	F	60	D	Beef	Loin	Top Loin Steak, Bnls	Dry
В	F	64	D	Beef	Loin	Top Sirloin Cap Steak, Bnls	Dry
D	Б	(2)	D	Deef	T	Top Sirloin Steak, Bnls Cap	Dim
B		63	D	Beer	Loin		Dry
B	F	62	D	Beef	Loin	Top Sirloin Steak, Bhis	Dry
B	F	40	D	Beef	Loin	Tri Tip Roast	Dry
B	G	28	M	Beef	Plate	Short Ribs	Moist
B	G	54	D/M	Beef	Plate	Skirt Steak, Bnls	D/M
B	H	22	D	Beef	Rib	Rib Roast	Dry
В	Н	13	D	Beef	Rib	Ribeye Roast, Bnls	Dry
В	Н	45	D	Beef	Rib	Ribeye Steak, Bnls	Dry
В	Н	50	D	Beef	Rib	Ribeye Steak, Lip-On	Dry
В	Ι	08	D/M	Beef	Round	Bottom Round Roast	Dry/Moist
В	Ι	09	D/M	Beef	Round	Bottom Round Rump Roast	Dry/Moist
В	Ι	43	М	Beef	Round	Bottom Round Steak	Moist

# Retail Cuts Code Sheet with Cookery

SpeciesPrimalRetailCutMethodBI14D/MBeerfRoundFyer Round RoastDry/MoistB146D/MBeerfRoundRound SteakDry/MoistB151MBeerfRoundRound Steak, BnlsMoistB136D/MBeerfRoundRound Steak, BnlsMoistB136D/MBeerfRoundTip Roast - Cap OffDry/MoistB157DBeerfRoundTop Round RoastDryB161DBeerfRoundTop Round RoastDryBN82MBeerfVariousBeerf StewMoistBN83D/MBeerfVariousCubed SteakDry/MoistBN84DBeerfVariousCubed SteakDry/MoistPE24D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPF25D/MPorkHam/LegSmoked Ham, Roner SliceDry/MoistPF91DPorkHam/LegSmoked Ham, Roner SliceDry/MoistPF91DPorkHam/LegSmoked Ham, Roner SliceDry/MoistPF91DPorkHam/LegSmoked Ham, Roner SliceDry/MoistPF91DPorkHam/LegSmoked Ham, Roner SliceDry/Mois					Retail	Cooking					Cooking
B     I     14     D/M     Bccf     Round     Fyc Round Roast     Dry/Moist       B     I     51     M     Bccf     Round     Round Steak     Dry/Moist       B     I     51     M     Bccf     Round     Round Steak, Buls     Moist       B     I     52     M     Bcef     Round     Tip Roast - Cap Off     Dry/Moist       B     I     36     D/M     Bcef     Round     Top Roast - Cap Off     Dry/Moist       B     I     61     D     Bcef     Round     Top Round Roast     Dry       B     N     82     M     Bcef     Various     Bcef for Stew     Moist       B     N     83     D/M     Bcef     Various     Ground Roast     Dry     Moist       B     N     84     D     Bcef     Various     Ground Beef     Dry/Moist       P     E     27     D/M     Pork     Ham/Leg     Tork Fresh Ham Rump Poritor     Dry/Moist <t< td=""><td>Species</td><td></td><td>Primal</td><td></td><td>Cut</td><td>Method</td><td></td><td>Species</td><td>Primal</td><td>Retail Cut</td><td>Method</td></t<>	Species		Primal		Cut	Method		Species	Primal	Retail Cut	Method
B     I     46     D/M     Beerf     Round     Fyc Round Stack     Dry/Moist       B     I     51     M     Beerf     Round     Round Stack     Moist       B     I     52     M     Beerf     Round     Round Stack     Moist       B     I     36     D/M     Beerf     Round     Tip Roast - Cap Off     Dry       B     I     39     D     Beerf     Round     Top Round Roast     Dry       B     I     61     D     Beerf     Round     Top Round Roast     Dry       B     N     82     M     Beerf     Various     Ground Roeff     Dry       B     N     83     D/M     Beerf     Various     Ground Roeff     Dry       B     N     84     D     Beerf     Various     Ground IDer     Dry/Moist       P     E     444     D/M     Pork     Ham/Leg     Pork Fresh Ham Center Slice     Dry/Moist       P     F	В		Ι		14	D/M		Beef	Round	Eye Round Roast	Dry/Moist
B     I     51     M     Beef     Round     Round Steak, Bnls     Moist       B     1     36     D/M     Beef     Round     Tip Roast - Cap Off     Dry/Moist       B     1     37     D     Beef     Round     Tip Steak - Cap Off     Dry/Moist       B     1     39     D     Beef     Round     Top Round Steak     Dry       B     1     61     D     Beef     Narious     Beef Steak     Dry       B     N     82     M     Beef     Various     Cubed Steak     Dry/Moist       B     N     83     D/M     Beef     Various     Ground Beef     Dry/Moist       P     E     44     D/M     Pork     Ham/Leg     Pork Fresh Ham Center Slice     Dry/Moist       P     F     25     D/M     Pork     Ham/Leg     Smoked Ham, Runp Portion     Dry       P     F     91     D     Pork     Ham/Leg     Smoked Ham, Runp Portion     Dry	В		Ι		46	D/M		Beef	Round	Eye Round Steak	Dry/Moist
B152MBeefRoundRound Steak, BulsMoistBI36D/MBeefRoundTip Roast - Cap OffDry/MoistBI57DBeefRoundTop Round RoastDryBI61DBeefRoundTop Round SteakDryBN82MBeefVariousGet for StewMoistBN83D/MBeefVariousCubed SteakDry/MoistBN84DBeefVariousGround BeefDryPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegPork Fresh Ham Rump PortonDry/MoistPE25D/MPorkHam/LegSmoked Ham, Center SliceDry/MoistPE91DPorkHam/LegSmoked Ham, Center SliceDry/MoistPE92DPorkHam/LegSmoked Ham, Shak PortionDryPE96DPorkHam/LegSmoked Ham, Shak PortionDryPE38DPorkHam/LegTip Roast, BulsDryPF67D/MPorkHam/LegTip Roast, BulsDry/MoistPF66D/MPorkLoinBade ChopsDry/MoistPF66D/MPorkLoinBade Chops<	В		Ι		51	М		Beef	Round	Round Steak	Moist
BI36D/MBeefRoundTip Roast - Cap OffDry/MoistBI57DBeefRoundTip Stak - Cap OffDryBI61DBeefRoundTop Round RoastDryBN82MBeefVariousBeef for StewMoistBN82MBeefVariousBeef StakDry/MoistBN83D/MBeefVariousGround BeefDry/MoistBN84DBeefVariousGround BeefDry/MoistPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegPork Fresh Ham Runp PortionDry/MoistPE27D/MPorkHam/LegSmoked Ham, BulsDry/MoistPE90DPorkHam/LegSmoked Ham, Shak PortionDryPE96DPorkHam/LegSmoked Ham, Shak PortionDryPE35DPorkHam/LegSmoked Ham, Shak PortionDryPF66D/MPorkHam/LegSmoked Ham, Shak PortionDry/MoistPF66D/MPorkHam/LegSmoked Ham, Shak PortionDryPF66D/MPorkLam/LegSmoked Ham, Shak PortionDryPF66D/MPorkLam	В		Ι		52	М		Beef	Round	Round Steak, Bnls	Moist
B157DBeefRoundTip Steak - Cap OffDryB139DBeefRoundTop Round RoastDryB161DBeefRoundTop Round RoastDryBN82MBeefVariousBeef for StewMoistBN83D/MBeefVariousCubed SteakDry/MoistBN83D/MBeefVariousGround BeefDryPE44D/MPorkHam/LcgPork Fresh Ham Center SliceDry/MoistPF25D/MPorkHam/LcgPork Fresh Ham Center SliceDry/MoistPF25D/MPorkHam/LcgSmoked Ham, Bank PortionDry/MoistPF91DPorkHam/LcgSmoked Ham, Rump PortionDryPF90DPorkHam/LcgSmoked Ham, Rump PortionDryPF90DPorkHam/LcgSmoked Ham, Rump PortionDryPF90DPorkHam/LcgSmoked Ham, Rump PortionDryPF90DPorkHam/LcgSmoked Ham, StabDryPF90DPorkHam/LcgTop Roast, BalsDryPF67D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade RoastDry </td <td>В</td> <td></td> <td>Ι</td> <td></td> <td>36</td> <td>D/M</td> <td></td> <td>Beef</td> <td>Round</td> <td>Tip Roast - Cap Off</td> <td>Dry/Moist</td>	В		Ι		36	D/M		Beef	Round	Tip Roast - Cap Off	Dry/Moist
B139DBeefRoundTop Round RoastDryBI61DBcefRoundTop Round StakDryBN82MBeefVariousBcef for StewMoistBN83D/MBeefVariousCubed SteakDry/MoistBN84DBcefVariousGround BcefDryPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegTork Fresh Ham Rump PortionDry/MoistPE25D/MPorkHam/LegSmoked Ham, BlasDry/MoistPE91DPorkHam/LegSmoked Ham, Rump PortionDry/MoistPE96DPorkHam/LegSmoked Ham, Rump PortionDryPE96DPorkHam/LegSmoked Ham, Rump PortionDryPE97DPorkHam/LegSmoked Ham, Shak PortionDryPE95DPorkHam/LegSmoked Ham, Shak PortionDryPF66D/MPorkLainBack RibsDry/MoistPF67D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBack RibsDry/Moist<	В		Ι		57	D		Beef	Round	Tip Steak - Cap Off	Dry
BI61DBeefRoundTop Round StakDryBN82MBeefVariousBeef for StewMoistBN83D/MBeefVariousGround BcefDry/MoistBN84DBeefVariousGround BcefDry/MoistPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegPork Fresh Ham Rump PortionDry/MoistPE27D/MPorkHam/LegSmoked Ham, Center SliceDry/MoistPE90DPorkHam/LegSmoked Ham, Center SliceDry/MoistPE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegTop Roast, BnlsDryPE38DPorkHam/LegTop Roast, BnlsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF67D/MPorkLoinCenter Rib Roast <td>В</td> <td></td> <td>Ι</td> <td></td> <td>39</td> <td>D</td> <td></td> <td>Beef</td> <td>Round</td> <td>Top Round Roast</td> <td>Dry</td>	В		Ι		39	D		Beef	Round	Top Round Roast	Dry
BN82MBeefVariousBeef for StewMoistBN83D/MBeefVariousCubed SteakDry/MoistBN84DBeefVariousGround BeefDryPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegtionDry/MoistPE27D/MPorkHam/LegSmoked Ham, BnlsDryPE91DPorkHam/LegSmoked Ham, Center SliceDryPE90DPorkHam/LegSmoked Ham, Rump PortionDryPE96DPorkHam/LegTip Roast, BnlsDryPE35DPorkHam/LegTip Roast, BnlsDryPE38DPorkHam/LegTop Roast, BnlsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF06D/MPorkLoinBlade ChopsDry/MoistP <td>В</td> <td></td> <td>Ι</td> <td></td> <td>61</td> <td>D</td> <td></td> <td>Beef</td> <td>Round</td> <td>Top Round Steak</td> <td>Dry</td>	В		Ι		61	D		Beef	Round	Top Round Steak	Dry
BN83D/MBeefVariousCubed SteakDry/MoistBN84DBeefVariousGround BeefDryPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegPork Fresh Ham Rump PortionDry/MoistPE25D/MPorkHam/LegSmoked Ham, Bank PortionDry/MoistPE91DPorkHam/LegSmoked Ham, Center SliceDryPE90DPorkHam/LegSmoked Ham, Rump PortionDryPE96DPorkHam/LegSmoked Ham, Rump PortionDryPE97DPorkHam/LegSmoked Ham, Shank PortionDryPE35DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBaak RibsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF68DPorkLoinBlade Chops, BnlsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF68DPorkLoinBlade Chops, BnlsDry/MoistPF67D/MPorkLoin	В		Ν		82	М		Beef	Various	Beef for Stew	Moist
BN84DBeefVariousGround BeefDryPE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegPork Fresh Ham Rump PortionDry/MoistPE25D/MPorkHam/LegSmoked Ham, BnlsDry/MoistPE91DPorkHam/LegSmoked Ham, Center SliceDryPE91DPorkHam/LegSmoked Ham, Rump PortionDryPE90DPorkHam/LegSmoked Ham, Rump PortionDryPE96DPorkHam/LegSmoked Ham, Rump PortionDryPE97DPorkHam/LegTop Roast, BnlsDryPE35DPorkHam/LegTop Roast, BnlsDryPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF11DPorkLoinBlade RoastDry/MoistPF12DPorkLoinBlade RoastDry/Moist </td <td>В</td> <td></td> <td>N</td> <td></td> <td>83</td> <td>D/M</td> <td></td> <td>Beef</td> <td>Various</td> <td>Cubed Steak</td> <td>Dry/Moist</td>	В		N		83	D/M		Beef	Various	Cubed Steak	Dry/Moist
PE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegPork Fresh Ham Shank PortionDry/MoistPE27D/MPorkHam/LegtionDry/MoistPE27D/MPorkHam/LegSmoked Ham, Shank PortionDry/MoistPE91DPorkHam/LegSmoked Ham, Shank PortionDryPE90DPorkHam/LegSmoked Ham, Shank PortionDryPE96DPorkHam/LegSmoked Ham, Shank PortionDryPE97DPorkHam/LegSmoked Ham, Shank PortionDryPE97DPorkHam/LegSmoked Ham, Shank PortionDryPE35DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBake ChopsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF68DPorkLoinBlade Chops, BnlsDry/MoistPF68DPorkLoinCenter Loin RoastDryPF11DPorkLoinCenter Loin RoastDryPF71DPorkLoinCin C	В		Ν		84	D		Beef	Various	Ground Beef	Dry
PE44D/MPorkHam/LegPork Fresh Ham Center SliceDry/MoistPE25D/MPorkHam/LegPork Fresh Ham Rump PortionDry/MoistPE27D/MPorkHam/LegtionDry/MoistPE91DPorkHam/LegSmoked Ham, BalsDryPE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegSmoked Ham, Center SliceDryPE97DPorkHam/LegSmoked Ham, Rum PortionDryPE35DPorkHam/LegTip Roast, BalsDryPE38DPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops BalsDry/MoistPF66D/MPorkLoinBlade Chops BalsDry/MoistPF68DPorkLoinCenter Lin RoastDryPF11DPorkLoinBlade ChopsDry/MoistPF69D/MPorkLoinCenter Lin RoastDryPF69D/MPorkLoinBide Chops BalsDry/MoistPF12DPorkLoinCenter Lin RoastDry <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
PE25D/MPorkHam/LegPork Fresh Ham Rump PortionDry/MoistPE27D/MPorkHam/LegSmoked Ham, BalsDryPE91DPorkHam/LegSmoked Ham, BalsDryPE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegSmoked Ham, Shak PortionDryPE97DPorkHam/LegSmoked Ham, Shak PortionDryPE97DPorkHam/LegSmoked Ham, Shak PortionDryPE35DPorkHam/LegSmoked Ham, Shak PortionDryPE38DPorkHam/LegTop Roast, BalsDryPF05D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops, BalsDry/MoistPF68DPorkLoinBlade Chops BalsDry/MoistPF68DPorkLoinCenter Rib RoastDryPF11DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCenter Rib RoastDryPF12DPorkLoinCenter Rib RoastDryPF71DPorkLoinCoin ChopsDryP<	Р		Е		44	D/M		Pork	Ham/Leg	Pork Fresh Ham Center Slice	Dry/Moist
PE25D/MPorkHam/LegtionDry/MoistPE27D/MPorkHam/LegtionDry/MoistPE91DPorkHam/LegSmoked Ham, BnlsDryPE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegSmoked Ham, Center SliceDryPE97DPorkHam/LegSmoked Ham, Snak PortionDryPE97DPorkHam/LegSmoked Ham, Snak PortionDryPE35DPorkHam/LegTip Roast, BnlsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF67D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinCenter Rib RoastDry/MoistPF11DPorkLoinCenter Rib RoastDry/MoistPF70DPorkLoinCenter Rib RoastDry/MoistPF70DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF73D <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Ŭ</td><td>Pork Fresh Ham Rump Por-</td><td></td></t<>									Ŭ	Pork Fresh Ham Rump Por-	
PE27D/MPorkHam/LegPork ionDry/MoistPE91DPorkHam/LegSmoked Ham, BalsDryPE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegSmoked Ham, Center SliceDryPE97DPorkHam/LegSmoked Ham, Nank PortionDryPE35DPorkHam/LegTip Roast, BalsDryPE38DPorkHam/LegTop Roast, BalsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops, BalsDry/MoistPF68DPorkLoinBlade RoastDry/MoistPF11DPorkLoinCenter Loin RoastDryPF69D/MPorkLoinCenter Rib RoastDryPF70DPorkLoinCenter Rib RoastDry/MoistPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin RoastDryPF30DPork<	Р		Е		25	D/M		Pork	Ham/Leg	tion	Dry/Moist
PE27D/MPorkHam/LegtionDry/MoistPE91DPorkHam/LegSmoked Ham, BnlsDryPE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegSmoked Ham, Rump PortionDryPE97DPorkHam/LegSmoked Ham, Shak PortionDryPE935DPorkHam/LegTip Roast, BnlsDryPE35DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF67D/MPorkLoinBlade RoastDry/MoistPF11DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCenter Rib RoastDryPF70DPorkLoinCountry Style RibsDry/MoistPF71DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF30D										Pork Fresh Ham Shank Por-	
PE91DPorkHam/LegSmoked Ham, BnlsDryPE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegSmoked Ham, Rump PortionDryPE97DPorkHam/LegSmoked Ham, Rump PortionDryPE35DPorkHam/LegSmoked Ham, Snak PortionDryPE35DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsBlade Dry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinBlade RoastDryPF11DPorkLoinButterflied Chops BnlsDry/MoistPF12DPorkLoinCenter Loin RoastDryPF70DPorkLoinCenter Rib RoastDryPF71DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF30DPork	P		Е		27	D/M		Pork	Ham/Leg	tion	Dry/Moist
PE90DPorkHam/LegSmoked Ham, Center SliceDryPE96DPorkHam/LegSmoked Ham, Rump PortionDryPE97DPorkHam/LegSmoked Ham, Shank PortionDryPE35DPorkHam/LegTip Roast, BnlsDryPE38DPorkHam/LegTip Roast, BnlsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsBnlsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinBlade RoastDryPF11DPorkLoinCenter Loin RoastDryPF70DPorkLoinCenter Rib RoastDry/MoistPF71DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF30DPork <td>Р</td> <td></td> <td>E</td> <td></td> <td>91</td> <td>D</td> <td></td> <td>Pork</td> <td>Ham/Leg</td> <td>Smoked Ham, Bnls</td> <td>Dry</td>	Р		E		91	D		Pork	Ham/Leg	Smoked Ham, Bnls	Dry
PE96DPorkHam/LegSmoked Ham, Rump PortionDryPE97DPorkHam/LegSmoked Ham, Shank PortionDryPE35DPorkHam/LegTip Roast, BnlsDryPE38DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinBlade RoastDry/MoistPF68DPorkLoinCenter Loin RoastDryPF11DPorkLoinCenter Rib RoastDryPF70DPorkLoinCountry Style RibsDry/MoistPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF30DPorkLoin<	Р		Е		90	D		Pork	Ham/Leg	Smoked Ham, Center Slice	Dry
PE97DPorkHam/LegSmoked Ham, Shank PortionDryPE35DPorkHam/LegTip Roast, BnlsDryPE38DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF66D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Rib RoastDryPF12DPorkLoinCenter Rib RoastDryPF70DPorkLoinContry Style RibsDry/MoistPF71DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF74DPorkLoinSirloin RoastDryPF74DPorkLoinSirloin R	Р		Е		96	D		Pork	Ham/Leg	Smoked Ham, Rump Portion	Dry
PE35DPorkHam/LegTip Roast, BnlsDryPE38DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF66D/MPorkLoinBlade Chops, BnlsDry/MoistPF67D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Rib RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF71DPorkLoinSirloin ChopsDryPF73DPorkLoinSirloin ChopsDryPF93DPorkLoinSirloin ChopsDryPF93DPorkLoinSirloin RoastDryPF74DPorkLoinTenderloin, WholeDryPF75DPorkLoinTenderloin, WholeDryPF75DPorkLoinTop Loi	Р		Е		97	D		Pork	Ham/Leg	Smoked Ham, Shank Portion	Dry
PE38DPorkHam/LegTop Roast, BnlsDryPF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF06D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Loin RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinCountry Style RibsDry/MoistPF71DPorkLoinCountry Style RibsDry/MoistPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF31DPorkLoinSirloin RoastDryPF34DPorkLoinSmoked Pork Loin Rib ChopDryPF74DPork	Р		Е		35	D		Pork	Ham/Leg	Tip Roast, Bnls	Dry
PF05D/MPorkLoinBack RibsDry/MoistPF66D/MPorkLoinBlade ChopsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF06D/MPorkLoinBlade Chops, BnlsDry/MoistPF06D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Loin RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinRib ChopsDryPF71DPorkLoinNib ChopsDryPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin CuletsDryPF93DPorkLoinSirloin ChopDryPF34DPorkLoinTenderloin, WholeDryPF75DPorkLoinTop Loin Chops, BnlsDryPF37DPorkLoinTop Loin Chops, Bnls	Р		Е		38	D		Pork	Ham/Leg	Top Roast, Bnls	Dry
PF66D/MPorkLoinBlade ChopsDry/MoistPF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF06D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Loin RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinCountry Style RibsDry/MoistPF71DPorkLoinChopsDryPF73DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin CutletsDryPF93DPorkLoinSirloin RoastDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		05	D/M		Pork	Loin	Back Ribs	Dry/Moist
PF67D/MPorkLoinBlade Chops, BnlsDry/MoistPF06D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Loin RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinCountry Style RibsDry/MoistPF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin ChopsDryPF93DPorkLoinSirloin RoastDryPF94DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTop Loin ChopsDryPF74DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Roast RnlsDry	Р		F		66	D/M		Pork	Loin	Blade Chops	Dry/Moist
PF06D/MPorkLoinBlade RoastDry/MoistPF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Loin RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinLoin ChopsDryPF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSirloin RoastDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		67	D/M		Pork	Loin	Blade Chops, Bnls	Dry/Moist
PF68DPorkLoinButterflied Chops BnlsDryPF11DPorkLoinCenter Loin RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinLoin ChopsDryPF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin ChopsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSirloin RoastDryPF74DPorkLoinTenderloin, WholeDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		06	D/M		Pork	Loin	Blade Roast	Dry/Moist
PF11DPorkLoinCenter Loin RoastDryPF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinLoin ChopsDryPF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSmoked Pork Loin ChopDryPF95DPorkLoinSmoked Pork Loin Rib ChopDryPF74DPorkLoinTenderloin, WholeDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		68	D		Pork	Loin	Butterflied Chops Bnls	Dry
PF12DPorkLoinCenter Rib RoastDryPF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinLoin ChopsDryPF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSmoked Pork Loin ChopDryPF93DPorkLoinSmoked Pork Loin Rib ChopDryPF95DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		11	D		Pork	Loin	Center Loin Roast	Dry
PF69D/MPorkLoinCountry Style RibsDry/MoistPF70DPorkLoinLoin ChopsDryPF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSmoked Pork Loin ChopDryPF95DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		12	D		Pork	Loin	Center Rib Roast	Dry
PF70DPorkLoinLoin ChopsDryPF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSirloin RoastDryPF95DPorkLoinSmoked Pork Loin ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Roast BnlsDry	Р		F		69	D/M		Pork	Loin	Country Style Ribs	Dry/Moist
PF71DPorkLoinRib ChopsDryPF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSmoked Pork Loin ChopDryPF95DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		70	D		Pork	Loin	Loin Chops	Dry
PF73DPorkLoinSirloin ChopsDryPF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSmoked Pork Loin ChopDryPF95DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF75DPorkLoinTop Loin Chops, BnlsDry	Р		F		71	D		Pork	Loin	Rib Chops	Dry
PF53DPorkLoinSirloin CutletsDryPF30DPorkLoinSirloin RoastDryPF93DPorkLoinSmoked Pork Loin ChopDryPF95DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF37DPorkLoinTop Loin Roast BnlsDry	Р		F		73	D		Pork	Loin	Sirloin Chops	Dry
PF30DPorkLoinSirloin RoastDryPF93DPorkLoinSmoked Pork Loin ChopDryPF95DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF37DPorkLoinTop Loin Roast BnlsDry	Р		F		53	D		Pork	Loin	Sirloin Cutlets	Drv
PF93DPorkLoinSmoked Pork Loin ChopDryPF95DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF37DPorkLoinTop Loin Roast BnlsDry	Р		F		30	D		Pork	Loin	Sirloin Roast	Drv
PF95DPorkLoinSmoked Pork Loin Rib ChopDryPF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF37DPorkLoinTop Loin Roast BnlsDry	Р		F		93	D		Pork	Loin	Smoked Pork Loin Chop	Dry
PF34DPorkLoinTenderloin, WholeDryPF74DPorkLoinTop Loin ChopsDryPF75DPorkLoinTop Loin Chops, BnlsDryPF37DPorkLoinTop Loin Roast BnlsDry	Р		F		95	D		Pork	Loin	Smoked Pork Loin Rib Chon	Drv
PF74DPorkLoinTonderion, whereDryPF75DPorkLoinTop Loin Chops, BnlsDryPF37DPorkLoinTop Loin Roast BnlsDry	P		F		34	D		Pork	Loin	Tenderloin. Whole	Dry
PF75DPorkLoinTop Loin ChopsBilsPF37DPorkLoinTop Loin Roast BulsDry	P		F		74	D		Pork	Loin	Top Loin Chops	Drv
P F 37 D Pork Loin Top Loin Chops, Bills Dry	P	$\square$	F	-	75	D	-	Pork	Loin	Top Loin Chops Bals	Dry
	P		F	-	37	D		Pork	Loin	Top Loin Roast Buls	Dry

# Retail Cuts Code Sheet with Cookery (cont.)

Meats Evaluation and Technology Career Development Event 21

SpeciesPrimalCutMethodSpeciesPrimalRetail CutPJ02D/MPorkShoulderArm Picnic, WholePJ03D/MPorkShoulderArm RoastPJ41D/MPorkShoulderArm SteakPJ07D/MPorkShoulderBlade Boston RoastPJ42D/MPorkShoulderBlade Boston RoastPJ94D/MPorkShoulderBlade SteakPK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Method Dry/Moist Dry/Moist Dry/Moist Dry/Moist Dry/Moist Dry Dry Dry Moist
PJ02D/MPorkShoulderArm Picnic, WholePJ03D/MPorkShoulderArm RoastPJ41D/MPorkShoulderArm SteakPJ07D/MPorkShoulderBlade Boston RoastPJ42D/MPorkShoulderBlade SteakPJ94D/MPorkShoulderBlade SteakPK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Dry/Moist Dry/Moist Dry/Moist Dry/Moist Dry/Moist Dry/Moist Dry Dry Dry Moict
PJ03D/MPorkShoulderArm RoastPJ41D/MPorkShoulderArm SteakPJ07D/MPorkShoulderBlade Boston RoastPJ42D/MPorkShoulderBlade SteakPJ94D/MPorkShoulderBlade SteakPK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Dry/Moist Dry/Moist Dry/Moist Dry/Moist Dry Dry Dry Moict
PJ41D/MPorkShoulderArm SteakPJ07D/MPorkShoulderBlade Boston RoastPJ42D/MPorkShoulderBlade SteakPJ94D/MPorkShoulderSmoked Picnic, WholePK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Dry/Moist Dry/Moist Dry/Moist Dry/Moist Dry Dry Moict
PJ07D/MPorkShoulderBlade Boston RoastPJ42D/MPorkShoulderBlade SteakPJ94D/MPorkShoulderSmoked Picnic, WholePK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Dry/Moist Dry/Moist Dry/Moist Dry Dry Moict
PJ42D/MPorkShoulderBlade SteakPJ94D/MPorkShoulderSmoked Picnic, WholePK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Dry/Moist Dry/Moist Dry Dry Moint
PJ94D/MPorkShoulderSmoked Picnic, WholePK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Dry/Moist Dry Dry Moist
PK98DPorkSideSlab BaconPK99DPorkSideSliced Bacon	Dry Dry Moist
P K 99 D Pork Side Sliced Bacon	Dry
	Moint
P K 17 M Pork Side/Belly Fresh Side	worst
P L 32 D/M Pork Spareribs Pork Spareribs	Dry/Moist
P N 85 D Pork Various Ground Pork	Dry
P N 86 M Pork Various Hock	Moist
P N 83 D/M Pork Various Pork Cubed Steak	Dry/Moist
P N 87 D Pork Various Pork Sausage Links	Dry
P N 87 D Pork Various Sausage	Dry
P N 92 M Pork Various Smoked Pork Hock	Moist
L A 24 D/M Lamb Breast Ribs (Denver Style)	Dry/Moist
L E 01 D Lamb Leg American Style Roast	Dry
L E 44 D Lamb Leg Center Slice	Dry
L E 16 D Lamb Leg Frenched Style Roast	Dry
L E 18 D Lamb Leg Leg Roast, Bnls	Dry
L E 73 D Lamb Leg Sirloin Chops	Dry
L E 31 D Lamb Leg Sirloin Half	Dry
L F 70 D Lamb Loin Loin Chops	Dry
L F 19 D Lamb Loin Loin Roast	Dry
L H 71 D Lamb Rib Rib Chops	Dry
L H 72 D Lamb Rib Rib Chops Frenched	Dry
L H 22 D Lamb Rib Rib Roast	Dry
L H 23 D Lamb Rib Rib Roast, Frenched	Dry
L J 65 D/M Lamb Shoulder Arm Chops	Dry/Moist
L J 66 D/M Lamb Shoulder Blade Chops	Dry/Moist
L J 33 D/M Lamb Shoulder Square Cut	Dry/Moist
L N 88 M Lamb Various Shank	Moist
B M 76 D/M Beef Variety Heart	Drv/Moist
L M 76 D/M Lamb Variety Heart	Drv/Moist
P M 76 D/M Pork Variety Heart	Drv/Moist
B M 77 D/M Beef Variety Kidney	Dry/Moist
L M 77 D/M Lamb Variety Kidney	Dry/Moist
P M 77 D/M Pork Variety Kidney	Dry/Moist

# Retail Cuts Code Sheet with Cookery (cont.)

Meats Evaluation and Technology Career Development Event 22

Spacias	Drimol	Retai	1	Cooking Mathad	Spacios	Drimol	Potoil Cut	Cooking
species	Primai	Cui		Method	Species	Primai	Retail Cut	Method
В	Μ	78		D/M	Beef	Variety	Liver	Dry/Moist
L	М	78		D/M	Lamb	Variety	Liver	Dry/Moist
Р	М	78		D/M	Pork	Variety	Liver	Dry/Moist
В	М	79		М	Beef	Variety	Oxtail	Moist
В	М	80		D/M	Beef	Variety	Tongue	Dry/Moist
L	М	80		D/M	Lamb	Variety	Tongue	Dry/Moist
Р	М	80		D/M	Pork	Variety	Tongue	Dry/Moist
B	M	81		M	Beef	Variety	Tripe	Moist

# Retail Cuts Code Sheet with Cookery (cont.)

	P	YG		arcass Required reight REA	Rib Ey	e Area	%1		
Carcass NO.	Est.	Adj.	Carcass Weight		Est.	Adj.	Est.	Adj.	FYG
1		1							
2									
3									
4									
5									

### USDA BEEF GRADING TRAINING AID Carcass Yield Grading

Identify the final yield grade (to the nearest tenth) and complete the scan form correspondingly. Full points will be earned for a correct answer and  $1/10^{\text{th}}$  above or below official yield grade. A two point deduction will be made for  $2/10^{\text{th}} - 5/10^{\text{th}}$  above or below official yield grade. A four point deduction for  $6/10^{\text{th}} - 9/10^{\text{th}}$  above or below official yield grade. Zero points will be awarded for answers one yield grade above or below the official yield grade. Perfect score will be a maximum of forty points (eight points for five carcasses).

	Α	ge		Quality Grade	
Carcass No.	Skeletal Maturity	Lean adj.	Marbling		
1					
2					
3					
4					
5					

#### **Carcass Quality Grading**

Prime High	Select High
Prime Avg.	Select Low
Prime Low	Standard High
Choice High	Standard Low
Choice Avg.	
Choice Low	

Commercial High
Commercial Ave.
Commercial Low
Utility High
Utility Avg.
Utility Low

The participant should establish the quality grades for each carcass according to USDA standards. Each participant should complete the section of answers for quality grading on the computerized scorecard.