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     AGRICULTURAL ADVISORY COMMITTEE MEETING
     Sheraton Overland Park Convention Center
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              6100 College Boulevard
           Overland Park, Kansas 66211
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             Thursday, April 5, 2018
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- 1 MR. THORNTON: Good morning. Welcome
- 2 to Kansas. My name's Charlie Thornton. I'm
- 3 the designated federal officer for the Ag
- 4 Advisory Committee. As the agricultural advisory
- 5 Committee designated federal officer and acting chair
- of this committee, it's my pleasure to call
- 7 this meeting to order.
- 8 First I would like to go around the
- 9 table and ask the committee members to
- 10 introduce themselves. We have several new
- 11 members, four temporary members and 10 people
- 12 participating remotely by phone. That's the
- 13 sound you'll hear above beeping in and out.
- 14 So we'll start with Lynn. If you
- 15 could state your name and your organization,
- 16 I'd appreciate it.
- 17 MR. CHRISP: I'm Lynn Chrisp.
- 18 All right. Thank you. I'm Lynn Chrisp
- 19 serving as first vice president for the
- 20 National Corn Growers Association. My farming
- 21 operation is in South Central Nebraska.
- MR. KOVANDA: I'm Joe Kovanda, member
- 23 of National Cattleman's Beef Association and
- 24 representing them today. I work for a company
- 25 called Bartlett Cattle Company.

- 1 MR. HAWKINS: Garrett Hawkins.
- 2 Deputy director of the Missouri Department of
- 3 Agriculture representing the National
- 4 Association of State Departments of
- 5 Agriculture.
- 6 MR. HANDKE: Hello. Good morning.
- 7 I'm Steve Handke. I'm the president and CEO
- 8 of the Union State Bank in Everest, Kansas.
- 9 We're a community bank in Northeast Kansas,
- 10 Northwest Missouri. I'm honored to serve as
- 11 the chairman of the ICBA's ag committee and
- 12 representing ICBA today.
- 13 MS. MESA: I'm Jackie Mesa
- 14 representing the Futures Industry Association.
- 15 Tom Kadlec is our current representative on
- 16 the Ag Advisory Committee. I'm honored to
- 17 represent FIA today.
- 18 MR. KOTSCHWAR: Good morning. I'm
- 19 Lance Kotschwar. I'm here representing
- 20 Commodity Markets Council.
- 21 MR. HINES: I'm Matt Hines. I'm a
- 22 licensed broker with Loewen & Associates,
- 23 Manhattan, Kansas and Chairman of the Market
- 24 Structures Committee for American Farm Bureau
- 25 Federation. That's who I'm representing here

- 1 today.
- 2 MR. PETERSON: Good morning. I'm
- 3 Monte Peterson. I'm a farmer from Southeast
- 4 North Dakota and director with the American
- 5 Soybean Association and representing them here
- 6 today.
- 7 MR. WILSON: TJ Wilson here
- 8 representing Morrill & Janes Bank on behalf of
- 9 the American Bankers Association.
- MR. WANDS: My name is Hayden Wands.
- 11 I'm representing the American Bakers
- 12 Association (inaudible). I chair the
- 13 commodity and agricultural policy committee
- 14 for them and my company is Grupo Bimbo.
- MS. GUETTERMAN: Jodi Guetterman and
- 16 (inaudible). I'm here representing Guetterman
- 17 Brothers Farms.
- 18 MR. ZACHARIAS: I'm Tom Zacharias,
- 19 National Crop Insurance Services, Overland
- 20 Park, Kansas.
- 21 MR. LANCLOS: Ken Lanclos, USDA Risk
- 22 Management Agency, Washington D.C.
- 23 MR. BARKER: Joe Barker. I work for
- 24 CHS and I'm here representing the National
- 25 Council of Farmer Cooperatives.

- 1 MR. RINIKER: Paul Riniker, National
- 2 Farmers Organization, farmer in Northeast
- 3 Iowa. I raise about 500 acres of corn and
- 4 feed about 1500 Holstein and feeder cattle.
- 5 MR. COYLE: I'm Patrick Coyle. I'm
- 6 here representing the National Grain and Feed
- 7 Association. I work with COFCO International.
- 8 MR. GALLAGHER: Good Morning. My name's
- 9 Ed Gallagher. I'm representing the National
- 10 National Milk Producers Federation, and I work
- 11 with Dairy Farmers of America.
- 12 MR. BAKER: Good morning. I'm
- 13 Dustin Baker with the National Pork Producers
- 14 Council.
- 15 MR. STRONG: Morning. I'm Steve
- 16 Strong. I work for Bunge North America and St.
- 17 Louis, and I'm working with the North American
- 18 Export Grain Association.
- 19 MR. ULLMER: Kim Ullmer here on
- 20 Continental Marketing here representing R-CALF
- 21 and United Stockgrowers of America.
- 22 MR. OWEN: I'm John Owen. I'm here
- 23 representing USARice Federation. I'm a rice
- 24 producer in Northeast Louisiana. I also
- 25 produce corn and soybeans.

- 1 MR. THORNTON: Thank you. Also,
- 2 before we get started, there are a few
- 3 logistical items that I've been asked to
- 4 mention to committee members and invited
- 5 speakers.
- 6 First of all, if everyone here could
- 7 put their phones on silent or turn them off,
- 8 that would be greatly appreciated.
- 9 Also would you please ensure that your
- 10 microphone is on when you speak? And I've
- 11 just noticed that these microphones -- you have
- 12 to turn yours off, so the next person can be
- 13 able to speak. So make sure after you speak,
- 14 turn it off, so we can proceed.
- 15 And please speak clearly because
- 16 there's a webinar audience. They will -- for
- 17 them to be able to hear you, you have to speak
- 18 into your mic.
- 19 Also, please state your name and
- 20 organization. We have a court reporter here
- 21 and they need that for the record.
- 22 If you would like to be recognized
- 23 during this discussion, please position your
- 24 placard so that it sits vertically on the
- 25 table or raise your hand. When you are

- 1 finished speaking, please turn off the
- 2 microphones. And then, as I explained, only one
- 3 mic can work at one time.
- 4 For AAC members participating by
- 5 webinar, please keep your phone on mute until
- 6 you are ready to speak and identify yourself
- 7 beforehand.
- 8 After each panel presentation, I will
- 9 ask the moderator to unmute the speaking lines
- 10 and you'll have the opportunity to ask
- 11 questions.
- 12 Finally, please refrain from using
- 13 any electronic devices during the meeting. We
- 14 have a full agenda today, and we would like to
- 15 ensure full participation by all members of
- 16 the AAC.
- I would now like to turn to
- 18 Commissioner Behnam, the AAC sponsor, for
- 19 opening remarks.
- 20 COMMISSIONER BEHNAM: Thanks,
- 21 Charlie.
- 22 Good morning and welcome to the first
- 23 CFTC Agriculture Advisory Committee Meeting of
- 24 2018. I am pleased to sponsor this meeting
- and thrilled to be able to host this meeting

- 1 in Kansas. In addition to being home to a
- 2 CFTC regional office, Kansas is home to
- 3 America's heartland, where many of our
- 4 nation's farmers and ranchers proudly produce
- 5 the food and fiber that feeds our world's
- 6 growing population.
- 7 Before we move into the substance of
- 8 today's meeting, I want to thank Commissioner
- 9 Quintenz and the soon-to-arrive Chairman
- 10 Giancarlo for being here this morning and
- 11 for their contributions to today's discussion.
- I want to thank each of the
- 13 panelists. We have gathered a distinguished
- 14 group of speakers, and their willingness to
- 15 participate is greatly appreciated and
- 16 critical to today's discussion.
- 17 I would also like to thank Christa
- 18 Lachenmayr. As a member of the CFTC's
- 19 Division of Market Oversight, Christa's hard
- 20 work, dedication, and knowledge of
- 21 agricultural markets have proven, for many
- 22 years, to be an invaluable resource to the
- 23 CFTC, market participants, and stakeholders.
- 24 Christa played an integral role in setting
- 25 today's advisory agenda, and her skills will

- 1 certainly be on display throughout the
- 2 morning.
- Finally, I want to thank Charlie
- 4 Thornton, CFTC's Director of Legislative
- 5 Affairs and this Committee's Designated
- 6 Federal Officer. Charlie and I have worked
- 7 together as staff on the Senate Agriculture
- 8 Committee for several years. In selecting
- 9 Charlie as the Committee's DFO, I considered
- 10 his knowledge of agricultural policy and our
- 11 strong working relationship. As sponsor of
- 12 the AAC, it's important that I engage
- 13 thoughtfully with the Committee's members and
- 14 outside stakeholders. My goal is to lead
- 15 discussions that will drive better policy and
- 16 ultimately strong, transparent, safe
- 17 derivatives markets. Charlie certainly will
- 18 play a leading role in helping me -- and all
- 19 of us -- to reach that goal.
- In November 2017, shortly after being
- 21 sworn in as Commissioner, I announced a
- 22 listening tour for the first year of my term.
- 23 Since then, I have been fortunate to visit
- 24 many businesses across the country, including
- 25 several here in Kansas City. Throughout my

- 1 visits, I have been able to hear directly from
- 2 members of the industry, market participants,
- 3 end users, and the public. And, I've shared
- 4 some of my own views. The meetings and
- 5 conversations have allowed me to inform and
- 6 formulate goals and ideas for my term that are
- 7 grounded in real-world concerns and
- 8 challenges. Today's panels reflect some of
- 9 the more pressing concerns brought to my
- 10 attention.
- 11 Today we will dive into two timely
- 12 topic areas; crop insurance and agricultural
- 13 block trading. First, crop insurance is a
- 14 critical risk management tool for growers; its
- 15 importance cannot be understated.
- 16 Having worked on the 2014 Farm Bill,
- 17 I intimately understand the important role
- 18 crop insurance plays in a producer's risk
- 19 management and tool box. However, the
- 20 fundamental role futures markets play to crop
- insurance is often overlooked. I am hopeful
- 22 this morning's discussion will educate and
- 23 inform the Commission regarding the
- 24 intersection of the two and further the CFTC's
- 25 active engagement with registrants, market

- 1 participants, USDA, and agricultural
- 2 stakeholders to ensure confidence in the crop
- 3 insurance program.
- 4 Later this morning, we will discuss
- 5 price discovery and the recent implementation
- 6 of block trading in agricultural futures
- 7 contracts. I am looking forward to hearing
- 8 from both the panelists and the Committee
- 9 membership on this important issue. Price
- 10 discovery and liquidity are integrals to
- 11 well-functioning futures markets, and the CFTC
- 12 must ensure that market structure does not
- 13 adversely affect either.
- 14 Finally, we are very fortunate to
- 15 have staff from the Farm Credit Administration
- in attendance to share their insights on the
- 17 state of the farm credit and the role risk
- 18 management plays in a producer's ability to
- 19 borrow capital. Farmers and ranchers place
- 20 everything on the line at the beginning of the
- 21 season, often needing to borrow significant
- 22 capital to purchase machinery, seed,
- 23 fertilizer, crop protection materials, and
- 24 feed. That said, the well-hedged producer is
- 25 a stronger borrower, and hopefully this will

- 1 be the first of many discussions between the
- 2 CFTC, FCA, and stakeholders to better educate
- 3 borrowers and creditors about the futures
- 4 market and the role it plays in risk
- 5 management.
- 6 The agricultural economy has faced
- 7 stiff headwinds for many years. Persistently
- 8 low commodity prices, extreme weather events
- 9 resulting from climate change, and trade
- 10 policy are a few of the significant hurdles
- 11 that made production agriculture more
- 12 challenging every year. The CFTC has
- 13 historically played a key role in helping
- 14 producers discover prices and manage risk.
- 15 As the Congress considers the 2018 Farm Bill,
- 16 I am committed to ensuring that the CFTC plays
- 17 a leading role in ensuring that the
- 18 derivatives markets remain a desirable,
- 19 cost-effective, and transparent risk
- 20 management tool for all agricultural
- 21 producers, including our new and beginning
- 22 farmers. A healthy farm economy is a big part
- of a strong and vibrant rural economy, which
- 24 is integral to our nation's prosperity.
- This morning's AAC meeting, and the

- 1 first of its kind Ag Conference hosted by
- 2 Kansas State University, are steps to fulfill
- 3 that commitment and I look forward to the
- 4 many important discussions today and tomorrow.
- 5 Thank you.
- 6 MR. THORNTON: Thank you,
- 7 Commissioner Behnam.
- 8 Commissioner Quintenz.
- 9 COMMISSIONER QUINTENZ: Thanks,
- 10 Charlie. Thank you for your work. Thank you,
- 11 Christa, for your great work. Thank you to
- 12 our Kansas City office and all of the CFTC
- 13 staff for coming out, for the great work in
- 14 putting on what I think is a fantastic event
- 15 and which I'm very excited to participate in.
- 16 And thank you, Commissioner Behnam, for your
- 17 leadership in hosting today's meeting. This
- 18 is the second advisory committee meeting
- 19 you've sponsored in the last two months and
- 20 it's the second advisory committee you've
- 21 sponsored in the last two months. So good
- 22 work and thank you for your effort.
- Today's meeting of the Ag Advisory
- 24 Committee is actually only the second meeting
- 25 that has occurred since 2015, which in my

- 1 opinion is much too long of a time to have
- 2 gone by without taking advantage of your input,
- 3 quality, or expertise. While practice of the
- 4 prior leadership of this committee was to hold
- 5 one meeting a year, I'm hopeful that either
- 6 with your leadership, Commissioner Behnam, or
- 7 new leadership, once additional commissioners
- 8 get confirmed, we can take much more frequent
- 9 advantage of this important panel's
- 10 significant expertise.
- 11 So I'm delighted to join all of you
- 12 and the distinguished members of the
- 13 committee, some of whom I've had the privilege
- of meeting in D.C. over the last year or so.
- 15 Some of them I've actually had the privilege
- of meeting in your places of business around
- 17 the country, talking with you directly about
- 18 your concerns with our markets. For
- 19 decades, this advisory committee has provided
- 20 the CFTC with invaluable insights into the
- 21 pressing issues of the day: agricultural
- trade options in the 1990s, the transition
- 23 from pit to electronic trading in the 2000s,
- 24 and current challenges involving the deliverable
- 25 supply and convergence. I look forward to a

- 1 robust discussion today about the state of our
- 2 futures markets and their ability to serve as
- 3 an effective price discovery and risk
- 4 management tool for the ag community.
- 5 It is fitting that the AAC Committee is
- 6 meeting today in Overland Park because the
- 7 town was founded by William Strang in 1905.
- 8 William Strang left home at the age of 15 and
- 9 became an American railroad magnet, building
- 10 railroads all over the country, including the
- 11 Missouri and Kansas Interurban Railroad that
- 12 ran through Overland Park and that was built
- 13 along the historic Santa Fe Trail. And he was
- 14 an avid believer in innovation and built the
- 15 first self-propelled railroad motorcar in the
- 16 world.
- 17 He was fascinated by progress. He
- 18 also built the first -- or constructed an
- 19 airfield here in Overland Park in 1909 -- only
- 20 six years after the Wright brothers conducted
- 21 their first flight -- so that locals could
- 22 witness the novelty of so-called "flying
- 23 machines."
- I highlight those accomplishments
- 25 because I believe that they were a reminder of

- 1 what's possible if we follow our aspirations
- 2 and how a pound of vision of one person can
- 3 have a generational economic impact on a
- 4 region. The railroads that Mr. Strang built,
- 5 in conjunction with America's natural inland
- 6 waterways, enabled cities like Chicago and
- 7 Kansas City to become hubs of commerce and
- 8 market for America's grain, produce, and
- 9 cattle.
- 10 Today, of course, there are different
- 11 challenges that must be overcome by modern
- 12 vision, leadership and ingenuity. And as I'm
- 13 going to discuss in more detail tomorrow, the
- 14 challenges facing the agricultural industry
- 15 today -- historically low commodity prices,
- 16 intense international competition, and slimmer
- 17 profit margins -- make it more important now
- 18 than ever that the futures markets remain a
- 19 trusted and effective tool for price discovery
- and risk management for America's farmers and
- 21 ranchers.
- Indeed, the need for futures prices
- 23 to reflect supply and demand fundamentals
- 24 impact even those who choose not to directly
- 25 participate in futures markets. Crop

- 1 insurance, an essential risk management tool
- 2 for many farmers, relies upon futures prices
- 3 to determine the expected income of farmers in
- 4 the event a payout is made. Today, over 300
- 5 million acres of farmland is covered by crop
- 6 insurance, with an insured value of over \$100
- 7 billion. I am interested to learn more about
- 8 how the crop insurance program is working
- 9 today from our first panel and make sure that
- 10 we all understand that any lack of convergence
- 11 impacts not only risk management hedging, but
- 12 also the effectiveness of the crop insurance
- 13 safety net.
- In addition, given the past several
- 15 years of depressed commodity prices, many
- 16 farmers are struggling with access to credit.
- 17 According to the USDA's Economic Research
- 18 Service in 2017, the farm sector's
- 19 debt-to-income ratio, which measures a
- 20 farmer's ability to pay down liabilities, rose
- 21 above six to one. The last time we saw such a
- 22 high debt-to-income ratio for farmers was the
- 23 1980s. I look forward to hearing from the
- 24 FCA today about the various ways that they and
- 25 the private sector can continue to meet the

- 1 financing needs of farmers and ranchers.
- From our final panel, we will hear
- 3 from the CME about recent implementation of
- 4 block trading in certain agricultural
- 5 products. I'm interested to hear that panel's
- 6 observations about how the expanded use of
- 7 block trade in this space is impacting
- 8 liquidity and price discovery.
- 9 Together, the futures markets and
- 10 crop insurance are the cornerstones of the
- 11 farm safety net. They work together to ensure
- 12 that farmers don't lose access to credit in a
- 13 very volatile industry so that they can
- 14 continue to providing America and the world
- 15 with high-quality, low-cost food.
- 16 Again, I commend Commissioner Behnam for
- 17 hosting this meeting today, thank the staff
- 18 for their hard work, and look forward to
- 19 exploring with you how all of these issues are
- 20 impacting the vitality of the ag community.
- 21 MR. THORNTON: Thank you,
- 22 Commissioner Behnam and Commissioner Quintenz
- 23 for your opening remarks.
- As noted in today's agenda, our first
- 25 discussion will cover risk management with

- 1 regard to crop insurance. Our panelists are
- 2 Kent Lanclos, director of Business Analytics
- 3 at USDA's Risk Management Agency, Tom
- 4 Zacharias, president of the National Crop
- 5 Insurance Services, and Jodi Guetterman, a
- 6 producer of corn, soybeans, and wheat from
- 7 Guetterman Brothers Family Farm. Please
- 8 begin.
- 9 MR. LANCLOS: Thank you and good
- 10 morning. Let me begin with a little bit of
- information about the history of the Federal
- 12 Crop Insurance Program. Federal Crop
- 13 Insurance established in 1930s in the depth of
- 14 the Great Depression and the Dust Bowl.
- 15 However, it is only during the past 20 years
- or so that it has become the primary core
- 17 safety net. It helps farmers recover from
- 18 disasters and severe weather events, sustains
- 19 local infrastructure to agriculture such as
- 20 (inaudible), suppliers, community growers, and
- 21 grain handlers and reduces the impact --
- 22 financial impact -- of disasters on rural
- 23 communities supporting local businesses and
- 24 jobs.
- 25 Crop insurance operates as a

- 1 public/private partnership. The program
- 2 partners the federal government's financial
- 3 capacity with effective private sector
- 4 delivery. RMA develops and approves
- 5 policies and procedures, provides regulatory
- 6 oversights and is the primary reinsurer for
- 7 the companies and the program. There are
- 8 currently 15 private insurance companies that
- 9 sell and service crop insurance. Mr. Zacharias
- 10 can provide a bit more information and background
- on these companies and who they are.
- 12 Federal crop insurance has seen immense growth
- in the past 20-plus years. In 2017, we
- insured about 310 million acres of farmland
- in the U.S. as compared to only 100 million
- 16 acres in 1994. Linkage to other farm programs
- in 1995 led to significant increase in insured
- 18 acreage. Mandatory crop insurance participation
- 19 was repealed in 1996, but most of the
- 20 insured acres stayed in the program and
- 21 since that point, insured acres has continued
- 22 to grow.
- In recent years, a big driver of the
- 24 program has been insurance for Pasture
- 25 Rangeland and Forage (PRF) introduced in

- 1 2007. Over 75 million acres of pasture has
- 2 been insured by 2017. Insurance coverage is
- 3 available for over 130 crops. Aside from
- 4 PRF, we otherwise have limited product for
- 5 livestock, however, and those products that we
- 6 do have provide basically marketplace
- 7 coverage. In 2017, these livestock market
- 8 products accounted for about \$550 million
- 9 dollar in liability and about 18 million in
- 10 (inaudible). They're not a large part of crop
- 11 insurance portfolios. Truly crops are what we
- 12 actually do with our program.
- In terms of market penetration, about
- 14 9 percent of the (inaudible) major crops,
- 15 primarily corn, soybeans, wheat, grains,
- 16 et cetera is now insured by our program and
- 17 the average coverage level is over 70 percent.
- 18 The expected crop is insured by our program.
- 19 As mentioned, in 2017, federal crop
- 20 insurance will cover about 106 billion dollars
- 21 in crop value entering a total premium of
- 22 about \$10 billion. Of the 106 billion for
- 23 crops, corn, soybeans, wheat, and cotton
- 24 accounted for about 75 percent of that total.
- 25 Pretty consistent with what we see year in,

- 1 year out.
- 2 As you can see, however, the amount
- 3 of insurance is quite variable reflecting the
- 4 inherent variability of commodity prices. For
- 5 example, in 2010, we insured about \$78 billion
- 6 in crop value. By 2013, the amount of
- 7 insurance had increased to over \$123 billion,
- 8 so a rather large increase in just a very
- 9 short period. Annually there are about 1.2
- 10 million policies earning the premium in our
- 11 program purchased by some 550,000
- 12 policyholders.
- Now, turning to the pricing aspects.
- 14 For non-exchange traded commodities, the
- 15 insurance prices generally reflect an estimate
- 16 expected season average price for that
- 17 commodity. For the most part, these estimates
- 18 are developed by U.S.D.A. analysts based on
- 19 consideration, supply and demand factors such
- 20 as stock-to-use ratios, planting intentions,
- 21 et cetera.
- 22 With few exceptions, revenue
- insurance is not available to producers with
- 24 non-exchange traded commodities, though I can
- 25 attest they would really like to have regular

- 1 insurance for corn and soybean growers. But
- 2 simply put, it is difficult to provide
- 3 insurance in a sound manner absent [a price
- 4 reference]. The advantages of a futures
- 5 exchange [price] are not easily replicated by other
- 6 methods of price discovery such as some type
- 7 of a (inaudible) model or some other type of
- 8 simulation approach. An exchange is an
- 9 efficient aggregator of [supply and demand]
- 10 information. An exchange provides an
- 11 objective, unbiased, and transparent
- 12 third-party source of prices.
- 13 Exchange values are forward looking,
- 14 not backward looking, and they readily
- 15 incorporate information as it becomes
- 16 available. For crop insurance, the result is
- 17 that insurance based on exchange values is
- 18 much less susceptible to adverse selection. That
- is, people only buying insurance for (inaudible)
- 20 also will buy exchange base revenue insurance, so
- 21 there is much less risk of a pricing mistake
- 22 inadvertently distorting the market. For
- 23 example, inducing a large increase of acreage
- 24 because the projected price is too high
- 25 (inaudible) actual expectations.

- 1 Farmers have eagerly embraced revenue
- 2 insurance where it is available. The first
- 3 revenue insurance policies were offered in
- 4 1996. By 2007, revenue insurance accounted
- 5 for about 80 percent of total program premiums
- 6 and has remained at that level since this
- 7 time. As noted before, revenue insurance is
- 8 generally only available for those crops where
- 9 there is a futures exchange for price discovery
- 10 or in some cases where there is a derivative for an
- 11 exchange-based commodity, so it primarily
- 12 means corn, soybeans, wheat, cotton and rice,
- 13 again with extension to other commodities.
- 14 For the crops with revenue insurance,
- 15 the exchange values are used to project both
- the projected price, the volatility, and
- 17 harvest prices. That way, we assure pricing
- 18 consistency and minimize the potential for
- 19 adverse selection amongst the insurance
- 20 products.
- 21 How you use the exchange value on the
- 22 projected and harvest prices is contained in
- 23 the commodity exchange price provisions. The
- 24 general process is as follows: For corn, the
- 25 applicable exchange is Chicago Board of Trade.

- 1 In the Midwest the sales closing date for
- 2 spring crops is March 15th. That is the date
- 3 by which you must make a crop insurance
- 4 purchase decision. For these states, the
- 5 December CBT contract is the referenced
- 6 contract. Our (inaudible) projected price 15
- 7 days in advance of the sales closing date, so
- 8 about March 1. The intent with this date is
- 9 to provide farmers with an opportunity to make
- 10 an informed decision, but not so far in
- 11 advance of sales closing that the price has
- 12 become stale or been outweighed by subsequent
- events, so it's striking a balance between
- 14 (inaudible) and currency.
- The projected price itself is
- 16 determined as the average of the daily values
- of the December contract for the month of
- 18 February. For most states in the Midwest, the
- 19 harvest price is determined as the average of
- 20 the daily values of the December contract
- 21 during the month of October. In the interest
- 22 of transparency, [USDA/RMA] publishes most of
- 23 this information from deriving the projected
- 24 harvest prices to the volatility factors on our
- 25 public website.

- 1 As shown here, this is Section 1 of
- 2 the commodity exchange provisions. It
- 3 provides definitions of terms applicable to
- 4 all of these revenue -- exchange-based revenue
- 5 products. The method for calculating the
- 6 volatility is also available on the website.
- 7 Section 2 of the price provision
- 8 provides the reference exchange, contract month,
- 9 and projected and harvest price discovery period
- 10 for each state and sales closing date. It's a
- 11 little bit small here, but trust me. For
- 12 example, for counties with January 31st sales
- 13 closing date in Texas, the referenced contract
- 14 corn is September CBT contract. The projected
- 15 price discovery period, as stated in this
- 16 document, is December 15th through January
- 17 14th, and the harvest price discovery period
- 18 is August 1st through October 31st.
- 19 Also shown here is counties of Texas
- 20 with a February 15th sales closing date, which
- 21 would have its own set of terms as listed here
- 22 as well as counties (inaudible). So for every
- 23 state and every closing date for every
- 24 commodity, you can find on our website all the
- 25 materials about which contract, which pricing

- 1 period is used for price discovery.
- 2 So how is the record contract
- 3 determined? In brief, the record contract is
- 4 the new crop futures contract at the end of
- 5 the harvest period for the post-harvest
- 6 contract for the crop in the area. As we've
- 7 kind of seen already, the projected price
- 8 discovery period dropping to a 30-day period,
- 9 ending 15 days prior to sales closing. The
- 10 harvest price discovery period is
- 11 approximately a 30-day period that corresponds
- 12 to when most farmers are actively harvesting
- 13 the crop in the area.
- We do impose certain threshold
- 15 requirements to use the exchange values as
- 16 described in the commodity exchange price
- 17 provisions. In particular, there must be
- 18 at least one full active trading day during
- 19 the price discovery period for a full active
- 20 trading date defined as any trading date with
- 21 at least one open-interest contract available
- 22 at the close of trading. The contract itself
- 23 when traded at least once during the discovery
- 24 period, that is at least one trading date
- 25 equal to one. These threshold requirements

- 1 are not fairly stringent, but still we must
- 2 address the question: If the threshold
- 3 requirements are not met, what then? That
- 4 answer is also spelled out in the commodity
- 5 exchange price provisions. Specifically, on
- 6 the rare occasion that the threshold
- 7 requirements are not met, you first look to a
- 8 futures contract.
- 9 So if the threshold requirements are
- 10 not met for December contract, for example,
- 11 just average to projected price, we would then
- 12 look to the September contract. However, that
- 13 futures contract is also subject to the same
- 14 threshold requirements. If the threshold
- 15 requirements are still not met for the
- 16 projected price, then revenue coverage will
- 17 not be offered. Only real coverage will be
- 18 available at a price determined by RMA. If
- 19 the threshold requirements are still not met
- 20 for the harvest price, that is a bit trickier
- 21 because farmers have already purchased the
- 22 revenue insurance coverage, so we can't simply
- 23 say that once the revenue coverage is gone or
- 24 not available. In that situation RMA will
- 25 determine a harvest price to allow the

- 1 companies to sell contracts, insurance
- 2 contracts.
- 3 Thankfully we have only a few
- 4 instances, primarily for rice, where we have
- 5 to use a substitute futures contract to
- 6 establish the price. It's a very rare
- 7 situation. And as far as you can recall, we
- 8 have not had a situation in which RMA has had
- 9 to itself determine either the
- 10 projected price or the harvest price, so the
- instances we've had have all been based on
- 12 projected price and (inaudible) data, if you
- 13 will, for publishing that.
- With regard to volatility, the rating
- 15 method for revenue insurance assumes that the price
- 16 distribution is normal and that the [value] can
- 17 be computed from an option-based volatility
- 18 measure. The parameters in price
- 19 distributions together with the assumed price
- 20 correlation are used in a simulation procedure
- 21 to calculate the revenue load, which are then
- 22 charged to the farmer which is the revenue
- 23 coverage.
- 24 RMA derives a measure of price
- 25 volatility based on observed option contract

- 1 prices for the underlying futures contract
- 2 using the actual framework. However, we do
- 3 not calculate the value ourselves;
- 4 rather, we obtain those values. So go to a
- 5 public source for those volatilities. We do
- 6 apply a time adjustment to take (inaudible)
- 7 into account the time difference between
- 8 the expiration of the options contract and the
- 9 time period the farmer uses to establish the
- 10 harvest price.
- 11 Finally, volatility is the simply
- 12 average of the time-adjusted volatilities for
- 13 the last five days of the projected price
- 14 discovery period.
- 15 As a quick example of how revenue
- 16 insurance works and how it differs from
- 17 straight yield insurance, consider the
- 18 following illustration: In all these
- 19 examples, the average yield is assumed to be
- 20 100 bushels, projected price is \$4 per bushel
- 21 and the coverage is 75 percent. So for
- revenue insurance to guarantee 75% of \$400
- 23 dollars is equal to \$300, the [product of] one
- 24 hundred bushel average yield, \$4 dollar projected
- 25 price and the 75 percent coverage level.

- 1 For yield insurance, the guarantee is
- 2 stated in bushels, so that is setting by
- 3 bushels. (Inaudible) the actual yield is 65
- 4 bushels and the harvest price is \$3 a bushel.
- 5 So for yield insurance indemnities, simply
- 6 calculate a product of the 10 bushel shortfall
- 7 and \$4 projected price, that's \$40. For
- 8 revenue insurance HPE, the indemnity's \$105
- 9 obtained is the difference between the
- 10 \$300 dollar guarantee and calculate the
- 11 harvest revenue of \$195. That is the
- 12 product of the 65 bushel actual yield and the
- 13 \$3 harvest price.
- Now, in this illustration you see two
- 15 revenue insurance products listed. Revenue
- 16 insurance and revenue insurance HPE are
- 17 harvest price exclusions. What is the
- 18 difference? Standard insurance includes
- 19 replacement cost coverage for lost production.
- 20 That is, if the market price has increased at
- 21 harvest, it pays off any lost production at
- 22 that prior price. The basic idea is that if a
- 23 farmer has already contracted to a grain
- 24 manager to deliver a certain amount of
- 25 production and subsequently sustained a

- 1 significant production loss, the farmer still
- 2 has to fulfill that contract and those bushels
- 3 to that grain handler. So the farmer has to
- 4 go to the market -- cash market -- and buy the
- 5 replacement bushels.
- 6 In case of, like, some type of
- 7 significant loss like in 2012, the market
- 8 price will be a lot higher than what would
- 9 have otherwise occurred. So he would pay
- 10 a lot more above the price to purchase those
- 11 replacement bushels. This feature of this
- 12 revenue insurance provides coverage for that
- 13 occurrence and helps compensate them for that
- 14 type of situation. Now, revenue insurance HP
- 15 simply excludes that replacement cost for the
- 16 future.
- Now, even though revenue insurance
- 18 HP is offered, excuse me, to most farmers, 95
- 19 plus percent choose the standard revenue
- 20 insurance policy that provides the replacement
- 21 cost coverage. So the same illustration as
- 22 before, only the harvest price is now
- 23 increased to \$5 a bushel. The yield coverage
- 24 is unaffected by the price change. The
- 25 indemnity is still \$40 as before. The

- 1 indemnity for revenue production HP is also
- 2 \$40. The indemnity for the standard revenue
- 3 insurance, however, has increased to \$50,
- 4 reflecting the \$10, 10 bushel yield loss and
- 5 now a higher \$5 price.
- 6 As mentioned before, revenue
- 7 insurance is available for select crops and priced
- 8 as a derivative [of another futures price]. For
- 9 example, revenue insurance for barley and
- 10 grain is based off of projected harvest prices
- 11 for corn. For sunflowers, prices are derived
- 12 from soybean. All futures and organic pricing
- is derived from the exchange values for the
- 14 traditional crop.
- The way we approach that is that we
- 16 derive a factor that reflects some historical
- 17 relationship between the price of the
- 18 reference crop and the price for the product
- 19 or type of interest. How that factor is
- 20 derived is specific for each crop. Organic
- 21 corn and soybean compare prices of USDA,
- 22 (inaudible), the CBT contract to drive that
- 23 historical relationship. Organic cotton is
- 24 obtained from proprietary data on organic cotton
- 25 prices compared to futures prices for

- 1 conventional cotton.
- 2 So basically, there is no standard
- 3 approach or data to be used to develop these
- 4 factors. We fill out and look at what's out
- 5 there. And it's always been a hurdle that our
- 6 pricing on organic commodities (inaudible), so
- 7 we make do with what we have.
- Now, as I stated before, (inaudible)
- 9 transparent with our pricing methodology. And
- 10 so on our public website you have a link shown
- 11 there. We provide documentation how we
- 12 establish these prices for these other crops
- 13 and types.
- 14 That concludes my presentation.
- 15 I thank you for your time. I am happy to
- 16 answer any questions you might have.
- 17 MR. THORNTON: Thank you. Tom.
- 18 MR. ZACHARIAS: Thank you,
- 19 Commissioners and the Committee Members here.
- 20 It's a privilege and opportunity to be here
- 21 today. I apologize in advance. I've got
- 22 a little bit of a cold and a little bit of a
- 23 cough, so I'll try to muddle through this.
- 24 That said, first I emailed yesterday
- 25 for slides and I knew they weren't going to

- 1 get in, so you're going to have to go
- 2 unplugged here with me, but I think we'll be
- 3 fine. Kent's slides provide an excellent
- 4 overview, so I'm going to just basically peel
- 5 off of that for my remarks.
- 6 This is the first time I have been
- 7 here with this group, so we'll do a little
- 8 introduction. Our organization, National Crop
- 9 Insurance Services, is actually about four
- 10 blocks down the street from here. We are the
- 11 service organization for all the insurance
- 12 providers that hold a standard reinsurance
- 13 agreement with USDA's Risk Management Agency.
- We also serve as the company's liaison
- 15 for their state-regulated business, which is
- 16 primarily hail coverage. In general, our
- 17 organization provides industry training on the
- 18 development of loss-adjustment procedures. We
- 19 also administer a national agronomic research
- 20 program that is used to develop the
- 21 loss-adjustment procedures for farmers in the
- 22 field with the adjusters. We are also
- 23 responsible for industry outreach and industry
- 24 communication activities.
- 25 A little bit about our membership.

- 1 As I said, we are comprised of those companies
- 2 holding the standard reinsurance agreement
- 3 that write both state and federally-regulated
- 4 crop insurance. Our focus here today will
- 5 primarily be on the federally-regulated
- 6 segment of the business.
- 7 As Kent mentioned, there are
- 8 currently 15 holders of the standard
- 9 reinsurance agreement and that defines the
- 10 rules of the road, the rules of engagement,
- 11 the contractual obligations between the
- 12 companies and USDA. Their top six riders hold
- 13 about 75 percent market share, and this has
- 14 been fairly stable over about the last ten
- 15 years. Currently there are 15 carriers, and
- 16 between 15 and 16 carriers have been a fairly
- 17 stable -- I'm hesitant to use the term
- 18 equilibrium, but that's where it's played out
- 19 over about the last ten years or so.
- These writers of insurance are in the
- 21 U.S., both domestic and international capital.
- 22 We have writers such as QBE out of Australia, Zurich,
- 23 Great American Financial out of Cincinnati,
- 24 Des Moines is The Chubb Company. Rain and
- 25 Hail is a Des Moines company in Chubb.

- 1 And then most notably, one of our
- 2 members is a family-owned operation,
- 3 Farmers Mutual out of Des Moines, which just
- 4 celebrated its 125th anniversary of writing
- 5 crop insurance business. These guys used to
- 6 ride around in bicycles, and their promotional
- 7 activity was giving pink pencils to their
- 8 insureds. So the crop insurance industry has
- 9 a long history dating back to the early 1900s,
- 10 late 1800s as well.
- But the history has pretty much been
- 12 hail. And as Kent mentioned, in the early
- 13 '90s with the Reform Act of 1994, then that's
- 14 really when the game started changing for
- 15 federally-regulated crop insurance.
- What are some of the attributes of
- 17 crop insurance that has brought us to where we
- 18 are today that has led to its farmer
- 19 popularity and its political support? This
- 20 isn't necessarily in order of importance, but
- 21 these are some of the key things that have
- 22 gotten us to where we are.
- 23 Crop insurance is contractually
- 24 based. There's a policy between the insured
- 25 farmer and the insurance company. The rules

- 1 of the game are written down. There's the
- 2 standard reinsurance agreement that defines
- 3 the rules of the road between the companies
- 4 writing the business and USDA. In addition,
- 5 companies have contractual relationships with
- 6 the agents writing this business as well, and
- 7 then there's a portion of this business that
- 8 is laid off in the private reinsurance market
- 9 and that stuff is written down.
- 10 Okay. There are multiple levels of
- 11 cost sharing in the crop insurance industry.
- 12 The farmer pays about 40 percent of the risk
- 13 premium. They also shoulder a deductible.
- 14 The average deductible is probably about, oh,
- 15 20 to 25 percent nationwide. As you get to
- 16 the corn belt, farmers are probably holding 80
- 17 to 85 percent coverage. So farmers are
- 18 sharing not only in the cost of the premium,
- 19 but they are also absorbing the first loss
- 20 with their policies.
- 21 The taxpayers share in supporting
- 22 delivery expense and risk sharing with the
- 23 crop insurance companies. The companies bear
- 24 a portion of the delivery expense as well as
- 25 risk sharing with USDA. Another advantage of

- 1 crop insurance is that it can be individually
- 2 tailored to meet the farmers risk management needs.
- 3 As Kent mentioned, there's about 130 crops with
- 4 alternative coverage levels. If you expand
- 5 that to the number of counties that are
- 6 included in the U.S., you can find about, oh,
- 7 probably, at this stage, maybe 70,000
- 8 different crop combination ways to manage risk
- 9 through the Federal Crop Insurance program
- 10 today.
- In practice, the changes to the
- 12 policy can be managed by the agency. Crop
- insurance does not require direct legislative
- 14 action to change and update the features of
- 15 the program. Sometimes this is done, as was
- done in the 2014 Farm Bill, but crop insurance
- 17 can, in some sense, run along by itself. It
- 18 has its own enacting legislation, so things
- 19 can keep running.
- 20 If you notice during the government
- 21 shutdowns that we've had a couple of times,
- 22 crop insurance companies are still required to
- 23 pay and manage claims with their insureds
- 24 during these down times.
- 25 So the efficiency of the private

- 1 sector and the private sector's ability to
- 2 interface with USDA and interface with the
- 3 farmer to deliver this program is one of the
- 4 features that has led to its popularity. If
- 5 you look at the efficiency of delivery in
- 6 2012, Under Secretary Scuse was quoted as
- 7 saying, when we went out to the field --
- 8 (Interruption in proceedings.)
- 9 I used to teach at LSU and people
- 10 would leave the class, so... Kent knows about
- 11 this.
- 12 Anyway, back to 2012. Under
- 13 Secretary Scuse went through the country and
- 14 he handed out his card and he said, "if you've got
- 15 a complaint about crop insurance, give me a
- 16 call." His staff was not crazy about that, but
- 17 I don't think anybody ever called him.
- 18 Also, in terms of regional disasters,
- 19 if you look at the situation in 2011 where you
- 20 had a regional drought in Kansas, Texas and
- 21 Oklahoma, those claims were handled by the
- 22 private sector as well, in addition to the
- 23 flooding in the Midwest along the Missouri and
- 24 Mississippi rivers. So efficiency of private
- 25 sector delivery complements this.

- 1 And lastly, crop insurance is
- 2 bankable at the individual level. Both the
- 3 lenders and the farmers know what their risk
- 4 is ex ante, before, prior to, planting the
- 5 crop and they know what crop insurance will
- 6 indemnify the farmer for in the case of a
- 7 loss.
- 8 All right. So as Kent has
- 9 demonstrated, revenue exchange-traded
- 10 products, primarily RP, revenue protection
- 11 with corn and soybeans is very popular, has
- 12 broad participation. So from the insurers'
- 13 perspective, what makes this desire, what
- 14 makes a risk insurable? So I'm going to go at
- 15 sort of a high level here.
- 16 Okay. It's easy in these
- 17 conversations to talk about what can be
- 18 covered. From an insurer's perspective, it's
- 19 just as important to talk about -- can the claim
- 20 be adjusted? Can the claim be adjusted
- 21 fairly? Can it be adjusted accurately? In
- 22 the case of revenue products, can the pair be
- 23 defined clearly? And I believe the answer is
- 24 in the affirmative with respect to this. We
- 25 know what the spring prices are; we know what

- 1 the harvest prices are; farmers know what
- 2 these prices are. And so the claims
- 3 adjustment process becomes very
- 4 straightforward.
- 5 On the production side, Kent
- 6 mentioned the yield coverage part of it.
- 7 Yield coverage has been around since about
- 8 1980 with federal crop insurance services.
- 9 Those procedures are well understood. There
- 10 are individual situations where people -- I'll
- 11 use the vernacular sometimes the adjuster has
- 12 to hold the farmer down to what he wants.
- 13 A farmer may not always feel that way, but it's
- 14 a little bit of a joke.
- 15 Moving on. All right. But
- 16 basically, we can understand the loss and how
- 17 it works. The coverage is clearly defined
- 18 both in production risk and price risk. In
- 19 terms of actuarial targets, crop
- 20 insurance -- a broad metric is that crop
- 21 insurance has come under and met its actuarial
- 22 targets in terms of losses relative to
- 23 premium. If you look at this over the long
- 24 run, the long-run loss ratio is in the range
- of about 1/100th, okay, premiums equaling

- 1 losses. And crop insurance has met that
- 2 actuarial target, so we're collecting the
- 3 right amount of money; we're rating it
- 4 correctly.
- 5 So let me turn to that from the
- 6 insurer's perspective and ask a couple of
- 7 questions there. Is the rating process
- 8 transparent? If you go out to RMA's website,
- 9 you can find documentation with respect to how
- 10 it's rated? I don't think anyone can actually
- 11 take that document and go get a bunch of data
- 12 and duplicate their stuff exactly, but I don't
- 13 think that's a necessary condition. The
- 14 companies writing this business have
- 15 confidence in the rating methodology. There
- is a process. If we believe our academics as
- 17 Well, if there are concerns with the rating
- 18 methodology, that those can be addressed and
- 19 as he demonstrated those are publicly
- 20 available. You can have a conversation about
- 21 those.
- Is the data public or private? In
- 23 the case of the exchange-traded markets, the
- 24 price data is publicly provided, publicly
- 25 available through the exchange. I think this

- 1 is a big attribute for a major feature that
- 2 shouldn't be or should be emphasized and
- 3 credit should be given for that.
- 4 There are technical issues from time
- 5 to time that show up. Kent mentioned the
- 6 volatility factors. There's been a discussion
- 7 on that. And I would say, in general, in
- 8 terms of a rating methodology, which if we're
- 9 going to have private sector capital in this
- 10 market, they have to have confidence in the
- 11 rating structure; they have to have confidence
- 12 in the underwriting.
- And so in terms of a methodology, I
- 14 would say a couple of things. If the farmers
- 15 believe the rates are affordable and they have
- 16 confidence in them, they're purchasing the
- 17 product and the methodology produces a rate
- 18 that also generates an adequate return for the
- 19 insurers. I think that's about as good as
- 20 you're going to get and we should accept that.
- Now, does everything work like we
- 22 expect or want? Obviously not. I have the
- 23 privilege of sitting on an international board
- 24 and primarily folks from the European
- 25 community and they have an insatiable desire

- 1 to have a revenue program in Europe. There is
- 2 a demand for revenue coverage and it meets the
- 3 farmers' needs. Farmers tend to like it.
- 4 All right.
- 5 Revenue coverage works best when
- 6 there's lots of data and lots of trading.
- 7 Now, when those conditions don't hold, then we
- 8 do have problems. The example Kent mentioned
- 9 is probably the one in terms of rice where
- 10 there has been limited data. It is a thin
- 11 market. I would say to that that RMA has done
- 12 a good job about getting out in front of that
- 13 and defining what to do in the case when
- 14 that's not met. Now, has that met everybody's
- 15 satisfaction in every case? Probably not.
- 16 But in general, there are procedures in place
- 17 to deal with the problems of thin markets, and
- 18 so I think that's an important aspect of this.
- 19 There are also situations -- Kent
- 20 mentioned the extension of revenue coverage
- 21 beyond futures-traded commodities -- and there
- 22 have been some attempts to offer coverage
- there and there have been some breakdowns.
- 24 But these can be worked through with the
- 25 agency, with the private sector and the

- 1 farmers, and I think this can be resolved.
- 2 And I will have to be quite honest:
- 3 if people don't understand these rules or
- 4 don't agree with these rules, then we go to
- 5 legal and then we go to the Secretary of
- 6 Agriculture for some formal resolution on
- 7 this. But there is a vehicle to fix these
- 8 problems as they come up.
- 9 So in closing -- in general, I would
- 10 say the experience from the industry's
- 11 perspective with the exchange-traded crops,
- 12 the revenue protection has been quite
- 13 favorable. Farmer participation has been
- 14 high. It's met its actuarial target, can be
- 15 underwritten and clearly adjusted.
- With that, I will conclude my remarks
- and appreciate the opportunity to have been
- 18 here today.
- MR. THORNTON: Thank you.
- 20 Ms. Guetterman.
- MS. GUETTERMAN: Okay. I was asked
- 22 to come and talk about how we, on our
- 23 operation, have used crop insurance in the
- 24 past. I'll just give you a quick overview of
- our operation. We're a 100 percent no-till

- 1 farm and we are located just south of Overland
- 2 Park here about 15 miles in Bucyrus, Kansas.
- 3 Our operation supports five families and three
- 4 full-time employees. Here's my husband, his
- 5 dad, and his three brothers that the operation
- 6 supports. We are primarily dry land and our
- 7 crops are waxy corn, Amos corn, soybeans, and
- 8 winter wheat.
- 9 And so how do Guetterman Brothers
- 10 utilize the futures in our operation? First
- 11 I had forward contracting, but as of yesterday
- 12 that changed. We use it as an element of
- 13 surprise and excitement in our household. As
- 14 I was in the shower yesterday morning, my
- 15 husband yells, something must have happened
- 16 overnight. Well, soybeans were down 50
- 17 cents. So we use it as an element of surprise
- 18 in our operation, too.
- 19 But the first is forward contracting.
- 20 Another way we utilize the market is through
- 21 options and the third way is -- and this is a
- 22 way that you don't think of in most times -- but
- 23 it's also through crop insurance.
- 24 So just briefly on forward
- 25 contracting. Usually our operation

- 1 forward-contracts about 30 percent of our
- 2 anticipated crop prior to harvest. Usually
- 3 during the spring and summer months we try to
- 4 take advantage of any planting scares and/or
- 5 any, you know, midsummer scares.
- 6 We sell another 20 percent usually by
- 7 January just for cash flow purposes, and then
- 8 the remaining 50 percent is sold in the spring
- 9 and summer months following harvest after
- 10 January, hoping to take advantage of any
- 11 rallies that we may have. We do have on-farm
- 12 storage so this allows us to go ahead and
- 13 store.
- 14 Another way we utilize the markets in
- 15 our operation is through options. Most of the
- time ours are primarily through utilizing
- 17 puts. Since we do have the on-farm storage,
- 18 we usually put some puts on and hope for the
- 19 best, but make sure we have that floor in, if the
- 20 prices go down.
- 21 And the third way is crop insurance.
- 22 And why do we have crop insurance on our
- 23 operation? The first and foremost is risk
- 24 management and the safety net that it provides
- 25 for us. Our fixed and variable costs are

- 1 high -- they're not going down -- and it gives
- 2 us a baseline to budget our year off of and
- 3 manage those costs from.
- 4 And as a disclaimer, in the 20 years
- 5 that I've been involved in the operation, I
- 6 looked back and there are very few years that
- 7 we actually get back our premium. But the one
- 8 or two years that we have, it was essential to
- 9 keeping our operation functioning and we don't
- 10 buy it with the intention to actually use it.
- 11 You don't buy your car insurance with the
- 12 intention of wrecking your car.
- 13 It's required by our lender. Our
- 14 working capital we do have to get from a
- 15 lender the funding for that. And our crop
- insurance is the collateral for our lender.
- 17 And it also allows us marketing flexibility.
- 18 We know that we can safely market up to a
- 19 percentage of our APH and be covered.
- 20 So how do the markets affect our crop
- 21 insurance coverage? Crop insurance revenue
- 22 products are essential, and to not just
- 23 covering the loss of the bushels, but to cover
- 24 the revenue also. And 2012 was a -- on our
- 25 operation was a -- huge year that really made you

- 1 a believer in the crop insurance system. And
- 2 the markets, when they truly reflect the
- 3 supply and demand, it's crucial for our
- 4 survival.
- 5 Here's what we look like coming in
- 6 the spring. We're not in Iowa. Our average
- 7 APH, our average yield, is about 120 bushel
- 8 an acre. The spring price for crop insurance
- 9 in 2012 was \$5.68. So that's a gross that we're
- 10 expecting to bring in on an average year of
- 11 \$6.81 and then \$3.53 worth of just input
- 12 expenses. That's just seed, chemical,
- 13 fertilizer, cash, rent. That doesn't include
- 14 paying our employees, paying for equipment,
- 15 paying our liability insurance, regulatory
- 16 expenses or living expenses.
- 17 So then the reality of 2012 hit and
- 18 our corn averaged 44 bushel an acre. At that
- 19 point, the fall price did go up, but our gross
- 20 income was significantly reduced. If you can
- 21 see, it's not even covering our inputs. It
- 22 wasn't covering the seed, chemicals,
- 23 fertilizer -- what our crop actually yielded --
- let alone paying our employees, let alone
- 25 paying for the equipment, let alone paying for

- 1 our own living expenses.
- 2 So when crop insurance kicked in in
- 3 2012 -- and it's hard to see -- but the spring
- 4 price was \$5.68. That was the price determined
- 5 in the spring. But by the fall, in the
- 6 October discovery period, it increased by \$7.50.
- 7 The market did its job. Supply was low
- 8 throughout the United States and the market
- 9 went up.
- 10 So if we would have just had the
- 11 spring price, our operation -- as you see at
- 12 the bottom on the gross profit, our operation
- 13 probably would have been okay; we might have
- 14 had to restructure some things. But with the
- 15 option of having that harvest price and the
- 16 market going up because supply was down, we
- 17 were able to operate, not restructure, and
- 18 continue going. Yes, it ended up being an
- 19 average year. It wasn't a bumper year, but we
- 20 were able to sustain and keep going.
- 21 So the bottom line for us is the
- 22 markets do affect our operation when we have
- 23 grain to sell, but they also affect our
- 24 operation when we don't have the grain to
- 25 sell.

- 1 MR. THORNTON: Thank you. And thank
- 2 you all for your presentations. I now open
- 3 the floor for questions or discussion.
- 4 Mr. Gallagher.
- 5 MR. GALLAGHER: Question for Jodi.
- 6 I'm in the dairy industry. So the revenue insurance
- 7 programs are relatively new for us. Trying to figure
- 8 them out to help our members. So in 2012, where you
- 9 had your revenue insurance policy— did you also manage
- 10 your risk using forward contracts and futures and
- 11 options as well? Tell us a little bit about that.
- MS. GUETTERMAN: (Inaudible). Well,
- 13 we usually do forward -- like I said, we
- 14 usually do forward contracts. In any given
- 15 year, it's a difference between 30 to 50
- 16 percent of our crops. We had
- 17 forward-contracted some prior to the market
- 18 going up. So in that sense, not only did we
- 19 not have the bushels, but didn't get to take
- 20 advantage of it when the market did go up.
- So with the revenue coverage, that
- 22 helped offset some of that loss on the bushels
- 23 that we didn't produce. On the bushels that
- 24 we did produce, the 44 bushels that we did
- 25 produce, we had to fulfill those contracts at

- 1 the lower price.
- 2 MR. THORNTON: Mr. Owen.
- 3 MR. OWEN: Thanks. I'd just like to make
- 4 a couple comments. You know, crop insurance works
- 5 really well when prices are high because you
- 6 can utilize it as a subsidized put option, and
- 7 when prices are low it is not as effective.
- 8 And also, it's really important that the
- 9 futures markets are converging properly for
- 10 crop insurance to work properly because -- and
- 11 particularly during a harvest price discovery
- 12 period that's generally when the bins are full
- 13 and full, you know -- in times of abundance basis
- 14 generally will widen, and so the contracts
- 15 need to be structured in the delivery
- 16 territory to promote convergence. Because
- 17 with a lack of convergence, it's very easy,
- 18 particularly in rice, for the futures price to
- 19 be above the indemnity trigger, but the cash
- 20 price the farmers receive is below the indemnity
- 21 trigger. So you should be receiving an
- indemnity, because business is bad, but you're
- 23 not getting it because of a lack of convergence
- 24 between cash and futures.
- MR. THORNTON: Thank you.
- 26 Mr. Ullmer.

I

- 1 MR. ULLMER: One of the major problems in
- 2 South Dakota is we have a problem with the
- 3 packer concentration on the livestock
- 4 side, but it's much worse on the elevator
- 5 side. They just united two more elevators.
- 6 When I bought the farm, there was five choices
- 7 for elevators; now there's one. They are
- 8 taking 25 percent out of your check. You
- 9 aren't calculating that in when you go in there.
- 10 [If] you look on the regions where there's still
- 11 competitive elevators, you're dealing with 4, 6 or 8
- 12 percent. They're taking 20 to 25 percent out
- 13 of our checks. It's not worth even trying to
- 14 put a cash crop in because they take 25
- 15 percent (inaudible).
- Now that there's only one elevator
- 17 left for the entire northern region of
- 18 South Dakota, now they've got heavy discounts;
- 19 now they've got whatever price they want to
- 20 price for the fertilizer. We've got to go just
- 21 pay it. We've got no competition. We can't
- 22 call anybody. They raise their prices up, so
- 23 the elevators are raising their prices and they're
- 24 building million-dollar elevators and taking 30
- 25 percent away from us and that's before we even

- 1 start and so we have to go to a feed crop.
- 2 Then you go to a feed crop and you go
- 3 to your insurance agent and say, we want to
- 4 put in a feed crop and make an attempt with
- 5 cattle because we can't make money with cash
- 6 grain, then they won't insure the feed crop.
- 7 So there should be a way to insure feed crops,
- 8 because they're afraid of feed crops because
- 9 they can't find a valuation of it turning into
- 10 cash because you're going to feed it through
- 11 the system.
- Well, if you're going to let them
- 13 take 20 to 25 percent out of our checks on the
- 14 cash side and that doesn't even come close to
- 15 working, at least try to help us insure our
- 16 feed crops, because we're sitting there
- 17 setting up 1,800 acres trying to set it up so
- 18 100 percent is fed, because you can't -- if
- 19 somebody's going to take 20, 25 percent out of
- 20 your check when you are making a cash crop,
- 21 you aren't even remotely calculating that into
- 22 your crop insurance prices. They're taking
- 23 it.
- 24 They just join together. It doesn't
- 25 matter what they set their prices at; we have

- 1 no choice. They're the only company out there. So
- 2 it's a major problem.
- 3 MR. THORNTON: Paul.
- 4 MR. RINIKER: I've had Federal Crop
- 5 Insurance since about prior to '93 for sure,
- 6 maybe after the '88 dry weather in Iowa, they call
- 7 it. The government was pushing us farmers
- 8 to go in the federal crop and over all of
- 9 those years, like Jodi, I probably collected
- 10 maybe two years. Not the 2012 because we had
- 11 rain and our disaster was 180 bushels of corn;
- 12 last year was 245.
- 13 So talking about this low revenue
- 14 Coverage, since corn was so low, I've got a
- 15 real high APA, it's over 200. I'm not sure exactly,
- 16 but I think I'm covered at about \$7.50. Again,
- 17 my expenses, just under rent, are more than
- 18 what you guys are paying for everything, Jodi.
- 19 I look at crop insurance. Like my
- 20 dad said, it was just something to have, to
- 21 hold the operation together. It isn't
- 22 something to make money on, and the guys are
- 23 making money on it are the guys that are
- 24 wrecking their cars and it isn't long before
- 25 the insurance company gets involved and

- 1 there's fraud and all those kind of things
- 2 involved.
- 3 But I think it's really well regulated
- 4 the way it's done. It's not perfect by no
- 5 means, but it's like all insurances: It is
- 6 something as kind of keep you from going broke
- 7 in one year's time. If you lose a crop and
- 8 there's a lot of dollars invested, it doesn't
- 9 matter if you have 500 acres of corn like myself or
- 10 whatever you guys are raising for crops. It will
- 11 literally devastate you, set you back 10, 15 years and
- in default with your lender if you're not carrying
- 13 crop insurance.
- 14 And I carried it long before it was
- 15 popular simply because at the time USDA or FSA
- 16 was pushing that even with their -- when we did have
- 17 a hail claim one year and our accounting was over 20
- 18 percent and they went ahead and made an extra -- it
- 19 was not a loan, it was kind of free money for the
- 20 folks that had federal crop -- and that was in '09.
- 21 So my situation, those premiums are not too
- 22 bad in our area, but boy, it can be hell if you don't
- 23 have coverage and something happens.
- 24 Thank you.
- MR. THORNTON: Mr. Gallagher.

- 1 MR. GALLAGHER: Kent, I think you said 90
- 2 percent of the major crop acreage was insured.
- MR. LANCLOS: Yes, that's correct.
- 4 MR. GALLAGHER: How much of that is
- 5 on a revenue insurance program?
- 6 MR. LANCLOS: In terms of premium,
- 7 about 80 percent of the premium in the program
- 8 is revenue insurance product. In terms of liability,
- 9 it's about 75 percent or so, so... I did put
- 10 a number -- I don't have it right here for all
- of the programs, but you kind of extrapolate that.
- 12 It's going to be very high up there for these
- 13 crops.
- MR. GALLAGHER: So to compartmentalize
- 15 this -- there's traditional crop insurance,
- 16 which is just insuring against loss versus
- 17 revenue insurance. So has the market, then,
- 18 kind of shifted kind of away from that to the
- 19 revenue insurance products?
- MR. LANCLOS: Yeah, it definitely has
- in terms of the farmers' purchase decisions, yes.
- 22 I mean, in 1995 there was no revenue insurance
- 23 coverage, so the market share was zero. And basically
- 24 a decade later it's, basically, 80 percent of the
- 25 business for the major crops, if you will, is revenue

- 1 insurance.
- 2 So definitely it has embraced by the farming
- 3 population and we constantly -- for the non-major
- 4 crops, crops that don't have a type of futures
- 5 exchange or easy extension, if you will, non-GMO
- 6 corn or something like that -- we're constantly being
- 7 approached by farmers to develop a revenue insurance
- 8 product for them. So the farmers of these non-
- 9 exchange traded commodities, many of them feel
- 10 they're at a competitive disadvantage because they
- don't have that revenue insurance option. So we're
- 12 constantly getting approached. But as I described,
- 13 it's very difficult to develop revenue insurance. So
- 14 how do you? The market does that. The exchange is
- 15 that good at extracting that information for price
- 16 discovery. After that we're kind of at a standstill.
- 17 MR. THORNTON: Mr. Barker.
- MR. BARKER: Gentlemen, and lady, I
- 19 think you did a great job explaining the key
- 20 points of crop insurance. I would say, from
- 21 my perspective, and as a committee, could you
- 22 give us some explanation as to the
- 23 prevented planting components that are built in
- 24 the crop insurance? That gets very confusing
- 25 from a price discovery perspective as to how
- 26 the different regions have prevented planting and
- 27 sometimes

- 1 they can take a plan on this commodity and
- 2 plant another, and that gets very confusing to
- 3 market participant.
- 4 MR. LANCLOS: Let me first say they
- 5 are very confusing. I do apologize. I didn't
- 6 (inaudible). Prevented planting is a situation
- 7 where, let's say, the river overflows its banks and so
- 8 that the land --
- 9 MR. THORNTON: Can you speak up just
- 10 a little bit? Thank you.
- MR. LANCLOS: I'm sorry.
- 12 Prevented planting is a situation where, for
- 13 example, the river or the stream, whatever, overflows
- 14 its banks and the ground becomes flooded and therefore
- 15 the farmer can't get in there, in that ground, in
- 16 a timely manner and plant the crop. And we do
- 17 have dates set in the policies that say that
- 18 the crop must be planted by a date certain in
- 19 order to receive the full guarantee. Most
- 20 crops have a late planting period.
- 21 For each day beyond this we would
- 22 reduce your guarantee by X amount, just
- 23 recognizing that, if you will, the optimal
- 24 planting window is passed. You're more likely
- 25 to have an early freeze, something like that,

- 1 whatever the conditions are.
- 2 So you do have that option there, but
- 3 if you still are unable to plant, you are
- 4 eligible for most crops to get a prevented planting
- 5 payment that is basically -- I want to say
- 6 it's 50-55 percent of the guarantee. Our
- 7 senior actuary is back there, he's not in sight, so I
- 8 know I'm in good shape.
- 9 But basically, 55 percent of the guarantee
- 10 that we will pay the farmer in order to
- 11 prevented planting situation.
- 12 So basically, if your guarantee would have
- otherwise been \$300, you would get paid \$150, \$165.
- 14 Something like that would be what your payment
- 15 would be. Just because you incurred expenses, to get
- 16 the ground ready for plant if you can plant, so
- 17 therefore it's compensation for those expenses.
- 18 There is a -- again I'm forgetting -- there's a 1st
- 19 crop/2nd crop option where you can -- you can forgo
- 20 -- you can forgo the prevented planting payment
- 21 on the 1st crop, plant the 2nd crop and then I will
- 22 admit I'm a little bit fuzzy right now, but...75
- 23 percent at that point for you to do the 1st crop/2nd
- 24 crop option. But it is complex.
- MR. ZACHARIAS: I would say, with
- 26 respect to preventative planning, replant --

- 1 these types of features in the crop insurance
- 2 policy, the benefit of the private sector
- 3 delivery in terms of a good relationship
- 4 with the crop insurance agent. Because these
- 5 are you -- as you stated, these are region
- 6 specific and crop specific. And so for the
- 7 farmer to have a working relationship with the
- 8 agent and to know the terms and conditions of
- 9 the policy are what's essential. We have
- 10 people in our office that spend a lot of time --
- 11 quote, unquote -- on prevented planting coverage
- 12 refining it and improving it.
- But it's not -- as you saw with Kent
- and I, you've got to go back and read the book
- 15 to get it right, and so that becomes the value
- of the agent and the adjuster and the farmer
- 17 having confidence in them to help manage his
- 18 policy and manage his risk.
- 19 MR. BARKER: If I may
- 20 follow up. I guess my point in asking the
- 21 question [is that] it is confusing for me. When we
- 22 talk about the impact on price discovery, the
- 23 data flow of what the prevented planting acres
- 24 are and you get a report at 7:31 Monday
- 25 morning, and then on Wednesday you get a

- 1 report from a different agency that has
- 2 different numbers. It can be quite confusing
- 3 to the price discovery mechanism of the future
- 4 market.
- 5 And so as a committee member, I guess
- 6 my point in asking the question or to raise
- 7 the issue was to say if we want to think about
- 8 the impact of crop insurance on price
- 9 discovery, it would be nice to have improvement in
- 10 that data flow.
- 11 MR. THORNTON: Thank you. Take two
- 12 more questions here and then we'll go to the
- 13 participants remotely and see if they have any
- 14 questions.
- MR. KOVANDA: Jodi, thank you for
- 16 your presentation. You mentioned that crop
- 17 insurance allows for marketing flexibility. I
- 18 wondered if you might expound on that a little
- 19 bit further. In particular, how much of your
- 20 cash transactions are negotiated transactions
- 21 that you do the day that you ship the product
- or within seven days? And how do you think
- 23 that your propensity to when you transact the
- 24 cash commodity influences the issue that was
- 25 raised about cash and futures convergence?
- MS. GUETTERMAN: I quess I'm not

- 1 understanding the question on within seven
- 2 days pricing.
- MR. KOVANDA: I guess, a simple
- 4 example of it would be how many of your
- 5 bushels that you sell to an elevator, you
- 6 bring them to the elevator and you price them
- 7 as (inaudible). Or you sell them seven days
- 8 and then ship them?
- 9 MS. GUETTERMAN: At harvest?
- 10 MR. KOVANDA: Not necessarily at
- 11 harvest, but perhaps in April -- on April 1st
- 12 you transact 5,000 bushels and by April 3rd
- 13 you ship the product. What percentage of your
- 14 production would be transacted in that way?
- MS. GUETTERMAN: So you're saying
- 16 we'd sell within -- okay. The 50 percent that
- 17 we sell after harvest, probably 40 -- well, 40
- 18 to 50 percent of that would be selling it to
- 19 deliver within 30 days. And the remainder
- 20 would be to deliver within two to three months
- 21 on our operation. We do have the capability
- 22 to store, so we don't have to usually sell for
- 23 storage issues because we do have the
- 24 capability to hold it.
- MR. KOVANDA: So does that impact

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- 1 your experience in convergence (inaudible)?
- MS. GUETTERMAN: We are very close to
- 3 the Kansas City market, so that supply and
- 4 demand that you may have out in Western Kansas
- 5 where you're dumping wheat at harvest, we
- 6 don't experience wide swings in basis in
- 7 our area.
- 8 MR. THORNTON: Thank you. I'll remind
- 9 folks here today, if you can state your name,
- 10 your organization for the folks remotely
- 11 participating, you can speak.
- 12 MR. HANDKE: Thank you. This is Steve
- 13 Handke, Independent Community Bankers. We're a large
- 14 agriculture lender in Northeast Kansas and on
- 15 the Missouri side, so I guess I have two
- 16 points to make, anecdotally. First an amazing
- 17 success of crop insurance, though an amazing success,
- 18 but also in a small way an amazing failure in
- 19 prevented planting. Let me talk about the amazing
- 20 success. So I'm a third generation farmer. I've
- 21 never seen any cases where your crop insurance, your
- 22 production cost -- our farmers are generally
- 23 about 3,000 acres in Missouri bottoms and we
- 24 generally count crop insurance loans in 500,000
- 25 Units (inaudible). More importantly a lot of a
- 26 million-five (inaudible)
- 27 in crop earnings. So I'm going to guess

- 1 Jodi -- I'm going to guess she probably is
- 2 rolling one-million, one-million five
- 3 of operating inset settlement for her farm.
- 4 Every year exposed to weather and
- 5 you're dead on. That gives assets a lender
- 6 the collateral to finance those and to have a
- 7 reset with them if there is a crop failure.
- 8 An amazing success through the 2000s.
- 9 Also, and it's really, really
- 10 odd year, so in my whole farming career history,
- 11 I never saw a year like 2015. Northeast
- 12 Kansas could not get planted; Northwest
- 13 Missouri could not get planted. About 60
- 14 percent of the acres got planted, so then
- 15 you're trying to figure out the prevented
- 16 planting rules. From a banker's position, it
- 17 was an absolute disaster.
- 18 And the part of -- and luckily it's
- 19 not a big part of your program. Maybe it
- 20 happened one in 30 years, but it was
- 21 regionally significant. And what our
- 22 operators were faced with is trying to figure
- 23 out if the time had melted away in July, do I plant
- or do I not, the crop insurance prevented
- 25 planting keeps rolling away from them. The ones that
- 26 decided to plant beans on the 25th

- 1 of July did much better than those
- 2 that took prevented planting and the
- 3 main reason for that is the tremendous cost
- 4 in maintaining idle acres. So there wasn't any
- 5 really discount. They actually had to keep the --
- 6 MR. THORNTON: Can you please speak
- 7 into the microphone?
- 8 MR. HANDKE: I quess if there's only
- 9 a small retooling it would be of prevented
- 10 planting. That for 90 percent of what you do, I
- 11 think is basically successful.
- MR. THORNTON: Thank you. I'll ask
- 13 the operator to unmute the lines to see if we
- 14 have anybody on remote, participants who would
- 15 like to ask some questions.
- Okay. Thank you. I'll turn to the
- 17 Commissioners and Chairman. Start with
- 18 Commissioner Behnam, if you have questions.
- 19 COMMISSIONER BEHNAM: No questions.
- 20 But thank you for your participation. Thank
- 21 you.
- 22 COMMISSIONER QUINTENZ: Yeah, no questions
- 23 for me either but I found it very informative.
- 24 Thank you very much for your presentations.
- 25 CHAIRMAN GIANCARLO: I want to

- 1 apologize for arriving late. I was able to
- 2 inform the Federal Reserve District President that the
- 3 CFTC actually exists here in Kansas and we're doing
- 4 some unique things here. The first Ag Advisory
- 5 Committee meeting in some time, the first one
- 6 outside of the beltway in some time. And the
- 7 first ever ag commodity futures conference
- 8 will start later on today.
- 9 And I don't say that really to pat us
- 10 and all of you on the back as much as to say the CFTC
- 11 is very, very focused on our ag commodity
- 12 futures markets, making sure these markets
- 13 serve all the people that you serve and
- 14 farmers like yourself so the message is that
- 15 we are very, very focused on making sure these
- 16 markets continue to serve all of our nation's
- 17 producers and the world as well as they
- 18 possibly can, because these markets are vital
- 19 national and international interests and that
- 20 is what we hope comes out of the next 48
- 21 hours of meetings just like this one. Thank
- 22 you all for your participation and involvement
- 23 (inaudible).
- MR. THORNTON: I would like to thank
- 25 the panel and open for any closing remarks

- 1 that you may have.
- With that, I thank you. We will now
- 3 be taking a five-minute break and we will
- 4 resume at promptly 10:35 for our second panel.
- 5 Thank you.
- 6 (Recess taken.)
- 7 MR. THORNTON: Everyone please take their
- 8 Seats. I would like to call the AAC meeting back to
- 9 order and begin our next panel in which staff from
- 10 Farm Credit Administration will discuss risk
- 11 management. Our panelists are Mike Duffy, Credit
- 12 Specialist Program Manager in the Office of
- 13 Examinations, and Steve Koenig, an economist
- in the Office of Regulatory Policy. Please
- 15 begin.
- MR. DUFFY: Thank you and thanks for
- 17 the opportunity to speak to the Committee this
- 18 morning. My name is Mike Duffy. As Charles said,
- 19 I'm the Credit Specialist Program Manager in
- 20 our Office of Examinations. We're the
- 21 federal regulator, regulatory agency for the
- 22 farm --
- MR. THORNTON: Could you speak up just a
- 24 little bit into the mic?
- 25 MR. DUFFY: Sure. Just a little bit

- 1 about myself. I'm based in Bloomington, Minnesota in
- 2 our Office of Examinations. Grew up on a grain
- 3 and livestock farm in Northeast Iowa in Paul's part
- 4 of the world. I have been lucky enough to
- 5 remain involved in our farming operation, so I
- 6 have some perspective from that side of the
- 7 business as well.
- But we're here to talk about risk
- 9 management and financing and risk management
- 10 in the Farm Credit System. Steve will give an
- 11 overview of current conditions in the Farm
- 12 Credit System, and then I'll talk a little
- 13 more specifically about what lenders look for
- when they're financing risk management and
- 15 some of the things they expect from borrowers
- 16 in that area. So with that, I will turn it
- 17 over to Steve.
- 18 MR. KOENIG: Thank you, Mike. And
- 19 welcome everybody, this morning. Again, my
- 20 name is Steve Koenig. I'm with the Office of
- 21 Regulatory Policy in our McLean, Virginia
- 22 headquarters. A little bit about my background. I have
- 23 been in the farm credit industry since 1981, but
- 24 Through the 1980s as a credit system lender and later
- on at USDA and then more recently with the Farm

- 1 Credit Administration.
- I want to start out this morning with
- 3 a little introduction of the cooperative Farm
- 4 Credit System for those who are not familiar
- 5 with it. The system is currently comprised
- 6 of -- the system is currently
- 7 comprised of six direct lending associations
- 8 and they are served by four regional banks,
- 9 funding banks. Those 69 associations have
- over a half-a-million borrowers, about 1.5
- 11 million in loans. Those loans total about \$259
- 12 billion at the end of the year. To give you some idea
- of the size of the Farm Credit System, it's assets,
- 14 total assets are about \$330 billion, nearly a third of
- 15 a trillion. If it was a single entity in the
- 16 commercial banking system, it would be about the
- 17 seventh or eighth largest bank in the United States.
- This next slide is a little bit confusing,
- 19 but it shows a system of the territories. Those 69
- 20 associations, and the point I want to direct you
- 21 here is that there's some very large associations
- 22 and there's some very small associations. We
- 23 have some associations with portfolios with
- 24 just 100 million and we have some with
- 25 portfolios over 20 billion. So we have a
- 26 range of credit policies, a range of

- 1 sophistication, a range of geographic
- 2 location, and so that can be sometimes a
- 3 little difficult to characterize activities in
- 4 the Farm Credit System and those in respect to credit
- 5 underwriting procedures and the price and risk
- 6 management tools that our borrowers use.
- 7 This next slide shows a little
- 8 discussion about the system's financials.
- 9 They're very strong right now. Loan
- 10 performance is historically very good. Under
- 11 one percent of loans are not performing. The
- 12 system has had very good earnings in recent
- 13 years. It had 5 billion -- over 5 billion
- in earnings in 2017, that enabled it to grow
- 15 its capital again. You can see on that chart
- 16 that capital is at the highest level since
- 17 the great recession. So asset quality is good;
- 18 earnings are good. Overall, things are
- 19 performing quite well.
- Who supplies farm debt? Who's the
- 21 suppliers? Well, system provides about 40
- 22 percent, commercial banks provide about 40
- 23 percent, and then there's a selection of other
- 24 lenders. I was at a conference just last week.
- 25 Most -- actually all of the lenders are reporting

- 1 actually very good performance in their loan
- 2 portfolios. Loan indemnities are down. Losses are low.
- 3 USDA's direct farm loan program are performing better
- 4 than they had expected, given the difficulties some
- 5 farmers have had in the last few years.
- This next chart shows the system's
- 7 portfolio. It's broken down by commodity.
- 8 It's a very diverse portfolio. But if you
- 9 look up there, you will see the cash grains and
- 10 cattle constitute a little over a quarter of
- 11 the portfolio. I think that is important to
- 12 this group in that those are two of the
- 13 enterprises where risk management tools can be
- often more critical than some of the other
- 15 commodities that are under contractual arrangements.
- This next slide shows some price
- 17 trends. This group is very expert on that. But
- 18 from a lending perspective, I wanted to include
- 19 this to show if you look at the figure, the
- 20 green particularly in the last decade, we've
- 21 had a rising price situation and more volatility
- 22 particularly on the grain side. But recent
- 23 years we're kind of trending back to the
- 24 previous decade where we had more -- less
- 25 volatility, more consistency --. And so

- 1 my point is, I'm not sure where we're going,
- 2 but those marketing tools, those risk
- 3 management tools, perhaps might be even more
- 4 important.
- It's easy to make money when prices
- 6 are good. It's not as easy when prices are
- 7 not. And we're potentially in a situation
- 8 where we are right now where profit windows
- 9 are relatively short, not deep. And so
- 10 decisions need to be made at a much finer
- 11 level.
- In the grain sector side, farmers continue to
- 13 struggle with that cost price squeeze we've see
- 14 in recent years. It just shows the red line
- 15 is prices paid. It is sticky, land prices,
- 16 land rents. Seed costs are very fixed as
- 17 opposed to commodity prices which are more
- 18 volatile. And so we have a lot of our
- 19 producers that are facing this and have been
- 20 for several years. How do you close that gap?
- 21 And that appears to be a continuing problem.
- This next slide shows business income
- 23 from the USDA, the latest forecast in
- 24 February. I included it to show that the
- 25 pricing situation, at least from the USDA's

- 1 perspective, is likely to continue. The red
- 2 numbers there are the major commodity groups
- 3 that lenders finance and USDA's calling for declines
- 4 in that cash farm income across the board.
- 5 Some few observations on borrowers'
- 6 financial positions. Farmers balance sheets have been
- 7 held up pretty well-- with resilient farmland prices. That's enabled a lot of producers to restructure,
 - 8 rebalance their balance sheets, right-size them
- 9 whatever terminology you want to use, work with
- 10 their lenders in that respect. A lot of farmers
- 11 came into this downturn, particularly on the grain
- 12 side, some very strong balance sheets and they've been
- able to weather the tighter margins I just showed in
- 14 the previous slide.
- 15 Again, working capital is declining,
- 16 though, and that is a concern. USDA is
- 17 forecasting another double-digit decline in
- 18 working capital for 2018, again on its February
- 19 forecast. So with less cash, there's more
- 20 need for borrowing. You see the operating
- 21 credit demand go up in recent years, and
- 22 that's going to be the case this year as well.

23

- 24 So, credit use is rising, interest rates are rising,
- 25 too, as we all know.
- 26 That is going to be a stress

- 1 going forward, I believe. There's roughly 375
- 2 billion dollars in farm debt outstanding. In
- 3 the system, about half of the system's farm
- 4 debt reprices at least on an annual basis.
- 5 So those costs, interest costs will translate
- 6 into borrowers' financial statements
- 7 relatively quick, and we're talking big
- 8 numbers here. We're talking probably billions
- 9 of dollars in interest cost over the next coming year
- 10 Farmers continue to work through cost
- 11 adjustments and that will be ongoing theme, I think,
- 12 unless commodity prices turn around soon.
- 13 And I want to close by pointing out
- 14 the farm safety net has helped in this
- 15 whole process for sure. When I talk farm
- 16 safety net, I talk about crop insurance and the
- 17 farm programs, ARC and PLC. I think was mentioned by
- 18 someone earlier. Those tools are probably
- 19 going to be less important going into 2018,
- 20 just the way the formulas work on them in terms of
- 21 price and so on.
- 22 So with that, I'll turn it over to you Mike.
- MR. DUFFY: Thanks, Steve. With

- 1 that, I'll touch base on a few of the specific
- 2 areas that lenders look for in financing risk
- 3 management activities. And first, I would
- 4 say, as a regulator and certainly the lenders
- 5 and as a credit program manager, I would say
- 6 everyone is in agreement that financing --
- 7 borrowers, farmers should have reasonable risk
- 8 management practices and lenders should
- 9 finance them. It's the sound business
- 10 practice to do that. And I would only
- 11 emphasize the reasonable risk management. Once
- 12 it goes beyond that, lenders become much less
- 13 Comfortable. As you move into margin
- 14 enhancement and maybe on the speculative side,
- 15 lenders become much less interested in
- 16 financing that type of activity. But risk
- 17 management itself, lenders can and should be
- 18 involved in financing that.
- 19 As Steve already mentioned, volatility
- 20 and shorter profit windows really create the
- 21 need for better risk management. I don't
- 22 think the last week -- you probably couldn't have
- 23 a better example than, I think, markets were almost
- 24 limit up Thursday with a surprise on the planet
- 25 acreage intentions, and then yesterday morning with

- 1 some of the trade discussion going on, 40 cent
- 2 or 50 cent move down in soybeans. The
- 3 volatility and the need to move quickly on
- 4 markets is increasing, if anything.
- 5 I'd say, as a personal aside, we
- 6 finished up our old crop soybean sales Monday,
- 7 felt pretty good about it yesterday morning
- 8 and then I think they got about half that back
- 9 since yesterday morning, so by next week we
- 10 might wish we wouldn't have sold it all, but
- 11 that's just the nature of the markets here
- 12 lately.
- One other comment on -- just on
- 14 financing side -- . There are a number of basic
- 15 tools that are very common, particularly on
- 16 the grain side, with forward pricing,
- 17 hedge to arrive contracts, that don't require cash
- 18 outlays, don't need borrowing to do those.
- 19 Typically done through local elevators or
- 20 ethanol plants in my part of the world. So
- 21 there's a fair amount of risk management that
- 22 can be done without financing. As you move
- 23 into more sophisticated activities in hedging,
- 24 obviously financing is required.
- 25 Just a few of the basic things that

- 1 our lenders would say is, they need to
- 2 understand the risk management strategy to
- 3 finance it. If a borrower wants to come in
- 4 and get financing, they need to be able to
- 5 explain their plan in terms that the lender
- 6 can understand and get comfortable with.
- 7 Another thing, without exception, the
- 8 system lenders would say they need to be the
- 9 primary operating lender to also finance risk
- 10 management strategies. Split-financing in that
- 11 situation is just too difficult to track, and
- 12 so if they're not the primary operating
- 13 lender, they would not finance some other risk
- 14 management strategies separately.
- 15 And then the final bullet:
- 16 Exceptions exist, but the ideal scenario is a
- 17 customer that knows the cost of production,
- 18 has a written and executable marketing risk
- 19 management plan. And, like I said, there is
- 20 going to be exceptions. Strong borrowers,
- 21 smaller loans and certainly competitive
- 22 pressures will result in some loans when they
- 23 don't have that,
- 24 but I think the lenders that we
- 25 talked to, more than anything else, they

- 1 emphasize producers need to know their cost of
- 2 production to have a good risk management
- 3 plan. If you don't know the cost of
- 4 production, it's very hard to lock in a
- 5 profit.
- 6 And, I would say, five years ago, a
- 7 lot of grain farmers probably didn't know
- 8 their cost of production, but a lot more of
- 9 them know it today. I think they've gotten
- 10 that message a lot over the last few years, as
- 11 margins have been squeezed and much more
- 12 conscious of that in the current environment.
- 13 A couple of things. When a lender
- 14 gets a request to finance risk management,
- they need to decide on a couple of things. Will
- 16 they do it as part of the operating loan or
- 17 will they set up a standalone hedge account or
- 18 a standalone hedging loan? And then also how
- 19 much they'll provide. And typically, if it's
- 20 a fairly small portion of the total operating
- 21 needs, they'll keep it within the operating
- 22 loan, particularly on smaller
- 23 borrowers and with fairly basic hedging or
- 24 risk management strategies. As the dollar
- 25 amounts go up and the hedging activities get

- 1 more complex, then typically it will be in a
- 2 standalone loan.
- And, I would say, in particular on the
- 4 livestock side, when operations are hedging
- 5 both their input cost and the production,
- 6 those would more typically be in a standalone
- 7 hedging account rather than combining with the
- 8 operating loan, just for tracking purposes and
- 9 to keep things clear of what's going on in the
- 10 accounts.
- I wanted to mention just one thing,
- 12 and getting a little bit more technical here,
- 13 but if it is a standalone, hedge loan,
- three-way brokerage agreements are now very
- 15 common with the system and this would be
- 16 probably an outcome from the MF global
- 17 situation a few years ago. Now the lender,
- 18 borrower and broker would sign an agreement
- 19 where funds would flow automatically between
- 20 the hedge loan and the brokerage account and
- 21 back. There would be cash sweeps on a daily
- 22 basis on larger accounts to avoid situations
- 23 where there's a lot of margin money sitting in
- 24 that brokerage account.
- 25 And as some of you I'm sure would

- 1 recall, in an MF global situation, when they
- 2 filed bankruptcy there was a lot of customer
- 3 money in those accounts that was tied up.
- 4 I think eventually all of the money did go
- 5 back to the borrowers, but -- or the farmers
- 6 that were hedging, but it took a long time.
- 7 And so one of the things that has come out of
- 8 that is three-way brokerage agreements to
- 9 avoid that situation. And as part of that,
- 10 the lenders can get, you know, in some cases, real
- 11 time brokerage position reports, they can go in at
- 12 anytime to see what the hedge account looks
- 13 like, and so that's definitely an advantage
- 14 for lenders and something they look for as
- 15 risk management strategies get more
- 16 sophisticated.
- 17 A few things that we would consider
- 18 red flags for lenders in brokerage reports.
- 19 Three-way option trades. And again, getting a
- 20 little technical, but probably I'm way down the
- 21 curve from some of the folks in this room, so
- 22 I'll throw it out. In this case, it's fairly
- 23 common to, for instance, buy a put and sell a
- 24 call to cheapen it up, get part of that
- 25 premium back.

- 1 If you get into situations -- and
- 2 certainly some brokers will encourage it: Buy
- 3 one put -- sell two calls, get even more of
- 4 the premium back. When you start to do that,
- 5 you're taking some risk on the other side and
- 6 lenders get more uncomfortable as you get
- 7 into those more complicated options or any
- 8 other trades that would result in some risk to
- 9 the borrower versus risk management.
- 10 Another sign is frequent placement
- and lifting up positions. Again, fairly common
- on the brokerage side to encourage customers
- 13 to take some profits, maybe get back later.
- 14 From a lender perspective, they'd rather see
- 15 the borrower lock in a price, hopefully a
- 16 profit, and stay with that hedge until the
- 17 production is sold. So frequent in-and-out
- 18 transactions are a flag for lenders.
- 19 And then also, activity that differs
- 20 from historical norms or the size of the
- 21 operation. If they're buying more futures
- 22 contracts than they have production, that
- 23 obviously is a flag that they move beyond risk
- 24 management into the speculation side, so that
- 25 would also be a flag for the lenders.

- 1 As I said earlier, lenders are
- 2 committed to financing risk management and
- 3 valid hedging, but they want to stay away from
- 4 speculation. And obviously, there's not
- 5 always bright lines between hedging and margin
- 6 management and margin enhancement, which is a
- 7 common term, and speculation. So I think
- 8 that's something that they continue to monitor
- 9 transaction reports for and ensure they
- 10 understand the borrower's plan to make sure
- 11 that is not going on or at least they're not
- 12 financing it.
- 13 And as I think most would agree in
- 14 any industry, lenders don't like surprises
- 15 any more than anybody else, and so
- 16 transparency on what -- and communication on
- 17 what's going on in the hedging activity is
- 18 very critical to the financing piece.
- Just a few things I wanted to
- 20 mention. Strength, challenges, and
- 21 opportunities, I guess, in this area. Some
- 22 livestock producers are very active margin
- 23 managers, and from our perspective and what
- 24 the system lends to with the swine industry is
- 25 probably a great example of that. There's

- 1 been a lot of consolidation in that industry,
- 2 obviously, but with some very tough years in swine
- 3 a few years back, a lot of the larger
- 4 producers have really focused on locking in
- 5 both the input and the production side and
- 6 managing the margin, and they have been very
- 7 successful at it in the swine industry.
- 8 It's been more difficult in the
- 9 cattle industry, locking in fears that at
- 10 profitable levels with what prices were
- 11 particularly a few years after the drought
- 12 conditions.
- 13 And it's been very difficult in
- 14 dairy. I don't think I need to tell anybody in this
- 15 group that. You probably know it better than us.
- 16 You know, I think there's various discussions
- 17 about why the basis is much more volatile and
- 18 tougher to track on the dairy side. Not
- 19 as actively traded, obviously, is one of the
- 20 things that has been brought up. It's much
- 21 more difficult, for system borrowers at least,
- 22 to do as much margin management on the dairy
- 23 side.
- 24 Another strength, I quess, in this
- 25 case, would be a challenge. Particularly in

- 1 the grain industry, producers are reluctant to
- 2 go beyond cash sales and forward contracts.
- 3 Basically, what they can do through their
- 4 local elevator or maybe, like I said, local
- 5 ethanol plants in some areas...
- 6 We talked to some of our lenders in
- 7 the last few days. They indicated probably
- 8 10 to 20 percent of their grain borrowers
- 9 actually have hedging accounts. Otherwise,
- 10 most go through their local elevator
- 11 cooperative. And that would be by number, not
- 12 necessarily by volume. Because some of the
- 13 larger borrowers certainly are more active
- 14 hedgers, but most farmers are not as
- 15 comfortable in the grain side in actually
- 16 having the hedging accounts themselves,
- 17 concerned about margin calls, things like that.
- 18 And so, you know, I think we would
- 19 say continued education, information about
- 20 what's available and what they can do is
- 21 important. I think the lenders in the system
- 22 have tried to do that with some of their
- 23 borrowers -- get them more familiar with the
- 24 tools that are available, but there's probably
- 25 still a ways to go there.

- 1 The final bullet on this slide that
- 2 lenders need to understand the impact of
- 3 hedging on financial statements. As you get
- 4 into larger accounts, certainly comprehensive
- 5 income, unrealized gains and losses have a
- 6 huge impact on the financial statements of the
- 7 borrowers and a big impact on whether or not
- 8 they're meeting their covenants. So
- 9 understanding how those hedging gains and
- 10 losses are being accounted for is also very
- important and sometimes difficult to sort out.
- 12 And again, a challenge, and
- 13 I mentioned it earlier, knowing a cost of
- 14 production from a lender's perspective is key
- 15 to having a good risk management strategy and
- 16 good financial records or high quality
- 17 financial records are very important. And I
- 18 think most lenders, and at least the system
- 19 lenders we talked to, would say a lot of
- 20 borrowers are still probably don't
- 21 have their financial records where they need
- 22 to be to truly know their cost of production
- 23 and do risk management.
- So again, a case where the system
- 25 institutions encourage borrowers to improve

- 1 their financial records, some have offered
- 2 accounting systems. I think there's a new one
- 3 that's kind of a QuickBooks-type product that
- 4 one of the institutions is offering now to try
- 5 to get the records up to a higher level,
- 6 particularly on smaller customers again, so
- 7 they can more effectively manage risk.
- 8 And I think I comment -- a question that
- 9 maybe was brought up before we came in today
- 10 was in a more stressed environment when
- 11 borrowers probably need risk management the
- 12 most, what can lenders do? And, you know,
- 13 what we would say in that case is they
- 14 probably need to focus on less cash-intensive
- 15 strategies. Lenders are not going to be as
- 16 comfortable extending a lot of new money for
- 17 hedging accounts to a borrower that's
- 18 struggling. But options, contracts with
- 19 buyers, hedge to arrive, forward contracts, still
- 20 all very available options and those borrowers
- 21 would need to do more of it, so lenders would
- 22 continue to encourage risk management. They
- 23 just probably wouldn't be as willing to extend
- 24 as much cash to a distressed borrower in that
- 25 situation.

- One other challenge, again getting a
- 2 little bit technical, on contracts that may
- 3 not require delivery do create challenges for
- 4 lenders. One example I throw out, that I'm
- 5 familiar with, is a cash plus contract that
- 6 some elevators would offer where they're
- 7 buying the old crop at a certain price and
- 8 then also throwing in a premium based on
- 9 selling a call option, and if, you know, if
- 10 that option expires worthless, the seller,
- 11 the farmer, keeps that premium. If not, then
- 12 it would convert to a hedge to arrive contract
- in the fall. In a situation like that, the
- 14 farmer doesn't know for sure if he's got crops
- 15 sold for the fall. So, you know, that
- 16 uncertainty, I think optionality is a term
- 17 that gets thrown into it sometimes. That
- 18 creates some discomfort for the lenders
- 19 because then the farmer may or may not have crops
- 20 sold, won't know until later, and if they
- 21 don't then price may change in that time
- 22 frame. So those types of contracts, where
- 23 delivery is not certain, is a challenge and
- 24 makes lenders uncomfortable.
- One last comment. I know we're about

- 1 up on our time. I want to leave some time for
- 2 questions.
- 3 You know, lenders and borrowers need
- 4 to stay committed to using the risk management
- 5 strategies that are in place. Once
- 6 everybody's agreed this is a strategy we're
- 7 going to finance, they need to stay with it.
- 8 And we have, you know, a couple examples I'll
- 9 throw out from the system in recent years
- 10 where that was effective. We talked with one
- 11 lender; the hog prices spiked in 2014. A lot
- 12 of their borrowers had production contracted or
- locked in at around \$100 per cwt, went up to about
- 14 \$132 in a very short time frame. They stayed
- 15 with those borrowers. In about a three-month
- 16 period that particular larger hog lender
- increased their financing about \$500 million.
- 18 In another three months the market stabilized,
- 19 the production started to go to market and
- 20 they got that \$500 million back. But they
- 21 have to be in a position and willing to ride
- 22 those markets up once the production is hedged
- 23 and it is a true hedging strategy.
- Another example, going back a little
- 25 bit further, was in 2008. I'm sure most can

- 1 recall as ethanol started to enter the picture,
- 2 grain prices spiked dramatically in that
- 3 summer. In some of the agribusinesses with
- 4 production locked in, had huge margin calls as
- 5 grain went up dramatically and a few of the
- 6 big lenders, they needed to get participations
- 7 both from other system lenders and commercial
- 8 banks to continue to fund it. It went into the
- 9 billings in that situation and they were able
- 10 to stay with those customers and finance the
- 11 hedging activity through that sharp run up.
- 12 It's not the high prices as much as the change
- in prices that really increase the need for
- 14 financing, and having lenders that are willing
- 15 to finance that and understand the hedging
- 16 activity is critical in that situation.
- I did want to mention, too, I think
- 18 it's of some interest to folks, for what is
- 19 typical hedging loans on hog prices, a typical
- 20 hedging account for a hog operation is probably
- 21 \$20 per head is what some of our lenders
- 22 would throw out. On the grain side, a dollar
- 23 to a 1.25 per bushel on corn is a typical
- 24 hedging account, a loan for hedging account,
- 25 and \$2.00 a bushel on soybeans in case people

- 1 are interested in the more specifics as to
- 2 what a typical hedging loan would be for
- 3 different commodities.
- With that pretty quick overview,
- 5 but for the sake of time, I will stop there
- 6 and certainly be glad to take questions.
- 7 MR. THORNTON: Thank you for your
- 8 presentation. I'll remind folks, when you do
- 9 have a question, press the mic to speak. And
- 10 then if you engage in conversation, you have
- 11 to turn your mic off to let them speak and
- 12 vice versa. So I'll open the floor for any
- 13 questions.
- 14 Seeing none, I will -- oh. Paul and
- 15 please state your organization.
- 16 MR. RINIKER: Just a short question
- 17 for you, Mike. You didn't mention cattle, but you had
- 18 the dollars per cwt. for hogs. Which was it on hogs?
- 19 Like \$20? Per cwt? Okay. On cattle?
- MR. THORNTON: Please turn on your
- 21 mic.
- 22 MR. DUFFY: I didn't have a rule of thumb
- 23 on the cattle side. I'm sorry. I didn't
- 24 get that. I best not throw one out because I
- 25 might be off base on what some of our lenders
- 26 would say.

- 1 MR. THORNTON: Mr. Ullmer, please
- 2 state your organization.
- 3 MR. ULLMER: Kim Ullmer here on
- 4 Continental for R-CALF and United
- 5 Stockgrowers.
- I did a survey, went through all
- 7 kinds of meetings, cattle meetings. And
- 8 672 people so far have participated, one of
- 9 the questions is, do you feel the CME board is
- 10 a safe risk management tool for producers?
- 11 Three percent yes; 97 percent no. When you
- 12 look at: Do you think each trade should be
- 13 backed by an asset with delivery options?
- 14 Ninety seven percent say yes; three percent say
- 15 no. And then when you ask, is it gambling or
- 16 is it futures trading? Ninety percent of it
- is -- 90 percent of the people think it's a
- 18 gambling format instead of a futures contract.
- 19 And so the request from these people
- 20 is they would like to see you guys change it
- 21 back from a commodity casino to a futures
- 22 option with an asset and a delivery because
- it's the number one problem in the livestock
- 24 industry that we have to face. So our request
- 25 is also some help to set up the American

- 1 Mercantile Exchange that will be asset-based
- 2 and delivery, and my question would be would
- 3 you help fund that? Because you have a lot of
- 4 producers going out of business. We lost 9
- 5 out of every 10 hog producers and now there's
- 6 thousands of livestock producers going out of
- 7 business. So we need help on the funding side
- 8 and we need help getting it asset-based with
- 9 delivery so it's a safe risk management tool.
- 10 I provided all of the information in studies
- 11 for you guys with the same stuff I got.
- MR. THORNTON: Thank you for your
- 13 comment.
- 14 Matt.
- 15 MR. HINES: Thank you for presenting
- 16 to us today. Just a couple quick questions.
- Do you have a measure of track for
- 18 denials for renewal or increases to credit
- 19 lines? Is that anything that you track in the
- 20 past few years? There's been some concerns
- 21 specifically over this past year just on the
- 22 increase in credit like you had mentioned, if
- 23 renewals are still happening or if increases
- 24 are taking place.
- 25 And a second question would be, are

- 1 you seeing more standalone hedge marketing
- 2 notes or lines in the past couple years?
- 3 MR. DUFFY: Thanks. I'll take a shot
- 4 at this one.
- We do look at denials and change in
- 6 activity. Certainly it's up somewhat, but
- 7 definitely increases in lines. Borrowers,
- 8 you know, in some cases the line was out
- 9 there. They weren't using it, and now that
- 10 they are advancing on it a lot more than they
- 11 were for a few years, it's surprising how many
- 12 farmers had operating lines and didn't even
- 13 use them for a number of years, and that
- 14 certainly has changed in the last few.
- 15 As far as hedging activity, I'd say
- 16 over time it's increasing because farmers are
- 17 getting larger. On the livestock side
- 18 definitely we're seeing separate hedge lines.
- 19 Not as much as on the grain side yet.
- 20 And, like I said, a lot of the more
- 21 typical or traditional farmers really are not
- 22 as interested in setting up a standalone hedge
- 23 account and doing their own hedging. They're
- 24 more comfortable going through the local
- 25 elevator and not facing the margin calls, which I

- 1 think is part of it. So large grain farmers,
- 2 I'd say, are doing it; most traditional ones
- 3 are not. Livestock definitely you see more
- 4 standalone hedge lines.
- 5 MR. THORNTON: Thank you. I'll ask
- 6 the operator to un-mute the line for any
- 7 questions from the remote participants.
- 8 Any questions? Thank you.
- 9 I thank this panel and in the
- 10 interest of time -- sorry, Chairman.
- 11 CHAIRMAN GIANCARLO: I do have a question
- 12 for Mr. Duffy. I found your presentation very
- 13 compelling for would-be lenders to producers for
- 14 their risk management practices. My question is for
- 15 the past decade with the consolidation of lenders, and
- 16 certainly the lack of new formation of small banks in
- 17 agriculture sectors, whether lenders today have
- 18 sufficient knowledge about farm economics to be able
- 19 to actually get comfortable with making the kind of
- 20 lending that we're talking about for risk management
- 21 purposes?
- MR. DUFFY: I would say, you know I hate to
- 23 say bigger is better, but in our experience,
- 24 the larger institutions probably have the
- 25 scale where they can have the people on staff,
- 26 and I think we have some institutions, very

- 1 strong risk management folks very familiar
- 2 with markets and hedging.
- 3 Some of the smaller institutions,
- 4 with very small staffs, I think struggle
- 5 to -- as we get into more complex marketing
- 6 strategies, probably don't have as much
- 7 expertise on staff to do that. And so I think
- 8 it varies by size of institution in our
- 9 situation.
- 10 CHAIRMAN GIANCARLO: That's very
- 11 helpful. I just wanted to make the point. You
- 12 do many things with the CFTC. One thing we're
- 13 not charted to do is provide lending, so we're
- 14 not a funding institution. Just for your
- information there, you mentioned funding some
- 16 new exchange. That's one line that this agency
- is not statutorily set up to do.
- 18 COMMISSIONER QUINTENZ: I just have
- 19 one quick follow-up for Steve.
- You had mentioned that half of some
- 21 amount of debt in the farm sector reprices
- 22 every year. Is that total farm debt? Is that
- 23 a specific category of farm debt?
- MR. KOENIG: That was referencing to
- 25 the system's repricing of its loans of roughly

- 1 50-55 percent of the loans reprice in less
- 2 than a year, so that's largely because of the
- 3 production credit side but there's -- you know, that's
- 4 the whole system's portfolio. There's a lot of lending
- 5 that's also to cooperatives and that's off on
- 6 a short-term basis.
- 7 So I have to be a little careful on
- 8 that and characterizing that with farmers,
- 9 but I'm talking about the whole portfolio of the Farm
- 10 Credit System.
- MR. DUFFY: And I would just add on
- 12 the real estate side, obviously, there's a lot
- more fixed; it's a much lower percentage.
- 14 It's operating and the cooperative credit where
- 15 the shorter term financing comes into play where the
- 16 funding would reprice annually.
- 17 On real estate loans it's a much longer term
- 18 and it's a much lower percentage that reprice.
- 19 COMMISSIONER QUINTENZ: Okay. Thank
- 20 you. I think it's an important opportunity
- 21 for some of us to keep in mind as we have
- 22 continuing conversations with Federal Reserve
- 23 presidents and governors.
- 24 I just want to make a quick point that on a number
- 25 of my farm visits around the country in Kansas,
- 26 Missouri, Mississippi, Louisiana, Arkansas,
- 27 I've heard that access to credit for margin payments

- 1 is an issue. And I think you've done a great job
- 2 of describing both the interest in providing
- 3 or ensuring that farmers are appropriately
- 4 hedged in that capacity, but also some level of
- 5 discomfort with practices around that that can create
- 6 questions. I think that's an interesting area to
- 7 keep exploring and to try to either further
- 8 resolve or get more answers to or more
- 9 education around, so thank you for your
- 10 presentation.
- 11 MR. THORNTON: The last question.
- 12 Mr. Paul Riniker from National Farmers
- 13 Organization.
- 14 MR. RINIKER: Just for clarification,
- 15 the 55 percent number, is that on farm credit
- loans that are looking to refinance, or did I hear you
- 17 wrong?
- 18 MR. KOENIG: That's the repricing of
- 19 loans outstanding in the system. So it's not
- 20 farmers looking to reprice; it's just what
- 21 the portfolio looks like at the end of 2017.
- MR. RINIKER: Thank you.
- MR. KOENIG: Again, a lot of the credit
- 24 is short-term. That would be true with commercial
- 25 banks, too, of course. Commercial banks fund off

- 1 deposits so the deposits tend to be short-term in
- 2 nature. Actually, commercial banks are the largest
- 3 provider of production credit and the system
- 4 is the largest provider of real estate credit,
- 5 so that would be very true for commercial
- 6 banks as well. A lot of their loans are repriced on
- 7 an annual or less basis.
- 8 MR. THORNTON: Thank you,
- 9 Commissioner Behnam.
- 10 COMMISSIONER BEHNAM: Quick comment and
- 11 echoing Commissioner Quintenz' comment and question
- 12 that the Chairman had. I'm very happy that you
- 13 agreed to come out here. I think this is a
- 14 relationship that probably has not existed
- 15 between the CFTC and farm credit at all, so
- 16 we're very encouraged and open to continuing a
- 17 dialogue with you because I think it can
- 18 benefit everyone at this table. Definitely
- 19 something we hear about and it's one element
- 20 of the larger challenges that growers are
- 21 facing is the credit issues. And I think with
- 22 more collaboration and above all else
- 23 education, we can serve our constituents well.
- 24 So thanks again for coming out and really
- 25 appreciate your presentation.
- MR. THORNTON: I'd like to thank this

- 1 panel for their presentation.
- In the interest of time, we will move
- 3 directly to our last and final panel, Block
- 4 Trading in the CME Agricultural Products.
- 5 Thank you. So this is our third and
- 6 final panel. Price Discovery: Block Trading
- 7 in CME's Agricultural Products. Our panelists
- 8 are Tim Andriesen, Managing Director of
- 9 Agricultural Products and Alternative
- 10 Investments, Business Line Management. Fred
- 11 Seamon, Executive Director of Agricultural
- 12 Products, Commodity Research and Product
- 13 Development. And Andrew Vrabel, Executive
- 14 Director and Global Head of Investigations,
- 15 Market Regulation Department.
- I would please welcome your
- 17 presentation.
- 18 MR. ANDRIESEN: Thank you. And thank
- 19 you to the Commission, the Commissioners and
- 20 this group to give us an opportunity to
- 21 share with you what's been going on.
- Let me just make sure you can hear me
- 23 better.
- I January 8th of this year, we
- 25 implemented in agricultural products relationship
- 26 based trading

- 1 which is blocks and crosses. This is
- 2 something that we have in virtually all of our
- 3 other products, and most commodities have
- 4 these capabilities as well. We know that it's
- 5 a change for our agricultural customers, and
- 6 what I wanted to do today is walk through a
- 7 little bit of why we did this and share a
- 8 significant amount of data with you around what we're
- 9 seeing in the marketplace subsequent to that.
- 10 I'd also like to hand it off to Andrew to talk
- 11 about --
- MR. THORNTON: Can you bring the mic
- 13 a little closer? It's hard to hear.
- MR. ANDRIESEN: And then I'd like to
- 15 hand it off to Andrew to talk a little bit
- 16 about our oversight activity around blocks,
- 17 so...
- The first thing that I want to do is
- 19 reaffirm that our goal is to provide an
- 20 additional tool for users of our markets. Our
- 21 expectation is that our central limit order book
- 22 markets will always be the primary execution facility
- 23 and the primary venue for price discovery. Before
- 24 I kind of dig into this, I want to clarify for
- 25 some people what exactly relationship-based

- 1 trading is.
- 2 There are essentially two things that
- 3 we implemented. Both of them are
- 4 relationship-based trading. It's called that
- 5 because what it facilitates is a broker being
- 6 able to go source the liquidity for a
- 7 transaction. So if a customer can't execute a
- 8 transaction, looks at the book, doesn't see
- 9 the depth they need or for whatever reason,
- 10 they can engage a broker who will go around
- 11 and have discussions with other market
- 12 participants, market makers, et cetera, around price,
- 13 direction, and quantity to execute that trade,
- 14 so to find the liquidity to help the customer
- 15 execute that trade.
- 16 There are two types of
- 17 relationship-based trading. One are crosses. Crosses
- 18 are a market type that is executed on Globex,
- 19 essentially, in a cross the broker goes and
- 20 finds the two parties for the trade; they
- 21 submit that trade into Globex; that trade goes
- 22 into the central limit order book. It can be
- 23 improved by other participants in the central
- 24 limit order book and then the trade is
- 25 executed.

- 1 There is no requirement for a
- 2 customer, type of legal status for a customer.
- 3 If you have a futures account, you can execute
- 4 a cross. There are no thresholds or minimum
- 5 size requirements of crosses as well.
- 6 Blocks, on the other hand, are
- 7 slightly different. Blocks are transactions
- 8 where a broker goes and sources the liquidity
- 9 for the transaction. They find both sides of
- 10 the transaction. They execute the transaction
- and then they submit it to CME predominantly through
- 12 the ClearPort for clearing. Participants who are
- 13 using blocks are -- have to be eligible
- 14 contract participants. There are a minimum
- threshold for blocks, so there's a minimum transaction
- 16 size for you to execute a block. And there is
- 17 a time requirement that it has to be reported
- 18 to the market by, so we want to ensure
- 19 that that block transaction is seen by the
- 20 market in a timely fashion.
- 21 One of the questions is why
- 22 relationship-based trading? We have very deep
- 23 and liquid markets, for the most part. But
- 24 there are times when we have customers who
- 25 have said to us: Listen, we can't get the

- 1 volume done; we can't get a particular
- 2 strategy done; we can't get done what we need
- 3 to do. Typically, it's more likely in the
- 4 back end of the curve or in less liquid
- 5 products and
- 6 over the last years we've looked at
- 7 additional -- several different approaches to
- 8 addressing this. We've had market-making
- 9 programs to encourage liquidity provision at
- 10 the back end of the curve and other things.
- 11 We believe that this is part of the solution
- 12 for that problem.
- Number 2. Recently, more recently,
- 14 we've had customers who have come to us
- 15 saying, I need to be able to execute larger
- 16 transactions. I'm trying to roll my hedge
- 17 book and we're looking for bigger -- the
- 18 ability to execute bigger transactions to roll
- 19 our hedge book.
- 20 And thirdly, in some less liquid
- 21 products, particularly nascent products, it's
- 22 very hard to build initial liquidity and what
- 23 we've found, and some examples of this most
- 24 recently, is our new Black Sea Wheat contract.
- 25 Having a market where you have IDBs,

- 1 independent dealer brokers promoting the product,
- 2 sourcing the liquidity get to build that
- 3 initial liquidity. I can tell you we have
- 4 struggled when we have launched just pure
- 5 CLOB-based products. We come up with a
- 6 new product. It's very difficult to get that
- 7 initial liquidity. We've seen more success in
- 8 trying to use a model where we have brokers
- 9 who are out drumming up the liquidity for that
- 10 product. So those are essentially why we have
- 11 gone down this path.
- Now, one of the big questions we have
- 13 had from customers is, well, wait a minute.
- 14 Is this taking transparency away from the
- 15 market? Is it creating another market? And The
- 16 reality is, there has always been a second
- 17 market in the agricultural space; it's an
- 18 OTC market. I spent a significant part of my
- 19 career in the OTC market. This is a market
- 20 where you do swaps or options. It's a market,
- 21 obviously, perfectly legal transactions,
- 22 but they are predominantly done on a bilateral
- 23 basis between two firms. They have an ISDA
- 24 agreement in place to facilitate that. They
- 25 tend to be much larger firms, and these

- 1 transactions are not reported in an exceedingly
- 2 timely manner to the marketplace. I think the
- 3 requirements are they have to be in a
- 4 suppository two hours after the transaction.
- 5 One of the things we believe the
- 6 block market will do is hopefully bring some
- 7 of these into that market where they can be
- 8 seen more readily by market participants.
- 9 A second element we think is
- 10 important, in terms of providing transparency
- 11 to the marketplace, is the reporting period.
- 12 The most liquid products we have, have a
- 13 reporting period requirement of five minutes,
- 14 so you will see that reported in a price feed
- 15 within five minutes of the transaction.
- 16 Interestingly enough, one of the things is
- 17 a lot of times people will say, well, hey, I
- 18 see something going on in the market; I don't
- 19 understand why it's happening. In some cases
- 20 in the past, that could have been an OTC
- 21 transaction that people were hedging. In this
- 22 case, if you see that activity you can look at
- 23 a block ticker and see if maybe it was a block
- 24 transaction that was getting executed.
- 25 And then the other thing we would

- 1 point out is that most of the block
- 2 transactions are typically done between a
- 3 market participant and a market maker. Those
- 4 market makers then, in turn, turn around and
- 5 hedge that into the marketplace. So they may
- 6 not hedge it directly in the sense that, I've
- 7 done something in the back of the curve and
- 8 I'm going to put it all in the same contract.
- 9 They may spread it around. But the flow from
- 10 that activity is, for the most part, coming
- 11 back into our market, so market participants are
- 12 having an opportunity to interact with that.
- 13 So we think that this is something that in
- 14 specific cases will be beneficial to our
- 15 customers to help them execute.
- 16 What I'd like to do is walk through
- 17 some of the data around blocks and crosses
- 18 just to give you a sense of what's going on.
- 19 This data is based on all the trade activity
- 20 between introduction on January 8th and on
- 21 March 23rd, which is the week before last.
- 22 So if we look at the number of
- 23 transactions that have occurred during that
- 24 time frame, and we have broken this down by
- 25 our major, major products. In that window

- 1 there were 34 million transactions took place
- 2 on CME within these products. Of that 34 million
- 3 contracts, 220 were blocks and 1667 were
- 4 crosses. So if you look at the numbers, quite
- frankly, it's a very, very small percentage of
- 6 the activity that took place. You can see
- 7 that, you know, for the most part it's just
- 8 extremely small.
- 9 I think what we also want to do,
- 10 though, is look at the volume that that
- 11 accounted for, not just transactions but
- 12 contracts. So again, if we look here, we can
- 13 see that during that time period we traded
- 14 86 million contracts. Of that, 128,000 were
- 15 blocks and 209,000 were crosses. So of the
- 16 volume during that period, blocks represented
- 17 .15 percent of our volume; crosses represented
- 18 .24 percent of our volume.
- 19 And when we first started talking to
- 20 the industry, and as we looked at other
- 21 products, we said, you know, if you look at
- 22 CME products, in general, blocks where it's
- 23 established in the market generally account
- 24 for 2, 3, 4 percent of the volume. So right
- 25 now we're well, well, well below the numbers

- 1 that we see in our other products.
- If we look, more specifically, the
- 3 largest product where we're having blocks is
- 4 in corn. It's .28 percent, so slightly over a
- 5 quarter of a percent of the volume there.
- 6 Obviously, you go down to feeder cattle where
- 7 none were traded. If you look at crosses,
- 8 you know, the biggest number there is soybean
- 9 meal where we saw three-quarters of a percent
- 10 of the volume there.
- 11 Let's also look at a bit more
- 12 breakdown, in terms of the difference between
- options of futures and crosses and blocks.
- 14 What this chart shows you -- it is a little hard to
- 15 read from here -- but there's two bars for each
- 16 commodity. If you look at corn on the left,
- 17 the first bar is blocks; the second bar is
- 18 crosses. The dark blue portion of the bar
- 19 represents futures; the light blue portion
- 20 represents options. So you can see of the .28
- 21 percent of the volume that was done of blocks
- 22 in corn, roughly half of it was futures;
- 23 roughly half of it was options. If you look
- 24 at all of those, what you'll see is that, for
- 25 the most part, cross volume tends to be

- 1 options and there are kind of a mixed story
- 2 with futures.
- If you look at corn, Kansas City
- 4 wheat and soybean oil, you see there's a bigger
- 5 percentage of futures than options. On the
- 6 other hand, if you look at soybeans, it was very
- 7 much different. So, we've seen a bit of a mix in
- 8 terms of what's being done. We'd also like to look
- 9 at livestock the same way. You can see in
- 10 livestock it has a very interesting pattern.
- 11 Options are almost -- almost all crosses are
- 12 options, and a vast majority of the blocks are
- 13 futures.
- What's also useful is to look at the
- 15 size of the trades that have been executed.
- 16 So what we have here is a whisker chart. For
- 17 those of you who aren't familiar with it, a
- 18 whisker chart shows volumes. But, it also shows
- 19 the distribution within that volume.
- 20 So if you look at corn, for example,
- 21 you can see that from the bottom of the line
- 22 to the top of the dark blue, to the bottom of
- 23 the dark blue box represents the first
- 24 quartile trades, the dark blue box the second
- 25 quartile, the light blue block the third

- 1 quartile and the top line is the largest
- 2 trade.
- 3 So you can see, if you look at corn,
- 4 the median trade has been about 1,000
- 5 contracts. It's important when you look at
- 6 these, because there's one outlier trade -
- 7 there was a 20,000 contract corn trade. It's
- 8 important to understand that the way we're
- 9 counting this is if it's a spread. It's a
- 10 10,000 contract spread, that counts as 20,000,
- 11 so you're counting the legs. In some cases,
- 12 you could equally, if you had a multi-legged
- 13 spread, you could count all 3, 4, whatever other
- 14 legs you might do, if you had a butterfly or
- 15 something like that.
- 16 Again, looking at the distribution,
- in Live Cattle, the median live cattle
- 18 trade was a little over 350 contracts. The
- 19 median -- excuse me, that's 150 contracts; the
- 20 median Lean Hog contract was about 200 contracts.
- 21 I'd like to walk you through just a
- 22 couple trades, to give you some examples of
- 23 how we see customers using this and how we think
- 24 this is beneficial for customers.
- 25 February 28, 2018, there was a block

- of 250 September Soft Red Winter Wheat futures
- 2 done at 522 and a half. At the time that this
- 3 was executed, the top of the book was 43
- 4 contracts deep. So if you were looking to
- 5 execute this at the market, you would have
- 6 gotten 43 at the top of the book and then had
- 7 to go through the book. The block was done at
- 8 the second level of the book. So, in other
- 9 words, one tick off the top of the book. Had
- 10 that gone into the marketplace, it would have
- 11 gone through 10 levels of the book.
- 12 One of the pieces of feedback we get
- 13 from customers is we see these movements
- 14 around that we don't understand why that's
- 15 happening. In some cases, our analysis has
- 16 shown that there's liquidity holes where there
- 17 might not be a -- there might be holes in the
- 18 liquidity where if you go through a couple of
- 19 levels, you don't see a lot of buying. This
- 20 essentially has shifted some of that away from
- 21 pushing through those liquidity holes to a market
- 22 maker who is now going to spread that out and
- 23 try to create a bit more orderly market.
- 24 Second example, March 9th. There is
- 25 a block of 250 July-Dec Corn calendar spread

- 1 options. It was a minus 10 even call spread
- 2 done at a quarter. This is a contract
- 3 that our commercials have told us is very important.
- 4 They want to be able to do options on the spread.
- 5 It's also a contract we have struggled to get
- 6 liquidity for.
- 7 So, you know, prior to that trade,
- 8 for the whole year up until March 9th, only
- 9 419 of these were traded. So, in this case, a
- 10 broker was able to go out and source the
- 11 liquidity for this customer to do 250, where,
- 12 you know, we would guess that it would have been
- 13 very difficult to try to do that in the central limit
- 14 order book.
- 13 March 14th, 2018, a block of 300 July
- 14 Corn futures traded at 399 and a half. You know,
- 15 people kind of looked at this trade and said, well,
- 16 wait a minute, July Corn futures? There's
- 17 liquidity there. We don't understand why this
- 18 was a block. At the time the top of the book
- 19 showed 326 contracts. What you didn't see is that
- 20 this was one leg of two legs of an
- 21 ethanol crush. The other leg of that was 107
- 22 NYMEX ethanol futures. We had a customer who wanted
- 23 to lock in an ethanol crush and he did
- 24 it through the block market. And then finally,
- 25 the week before last, July 27th, there

- 1 was a block of 2,000 Sep Corn 290 calls against
- 2 March 9, 210 calls. This was kind of an
- 3 interesting trade and you actually -- somebody
- 4 immediately says, well, wait a minute.
- 5 You know, there's liquidity in the front end
- 6 of that. If you would have put it in the pit,
- 7 I would have easily done the Sep leg. Well, it wasn't
- 8 a Sep contract; it was a spread.
- 9 On the board at the time there was 1100
- 10 contracts deep, but there was absolutely no
- 11 bids or offers in the second leg of that. So
- 12 a broker was able to go out, find market
- makers who were willing to take on that risk
- 14 and facilitate that trade for the customer.
- So when we see these, these are
- 16 exactly the sort of things where we think that blocks
- 17 can help the customers execute transactions to
- 18 create more orderly markets and can help them
- 19 manage risk more effectively.
- 20 Real quickly what I'd like to do is
- 21 go through commodity by commodity. And I'm doing
- 22 this because several people have said, well,
- 23 you know, where's the liquidity? Where are
- 24 these blocks and crosses taking place? So
- 25 what we did is we looked at this data again. We

- 1 looked at it by contract month by contract
- 2 month. So if you made a spread, we could look
- 3 at what legs, what contracts the legs of that
- 4 spread were in.
- 5 So if we look at Corn, for example,
- 6 where is the distribution of the transactions
- 7 across the curve? The percentage that you see
- 8 there is the percent of the total volume in
- 9 that contract. So in the first case there
- 10 you're looking at March of '18, and you can
- 11 see that it's .22 percent of that contract.
- 12 So if we look at Corn, we can see that there
- indeed has been, you know, some volume being
- 14 done in the front end, but as well as we see
- 15 the volume spread out beyond the curve.
- The second question and a concern,
- 17 of course, is are we -- you know, what impact
- 18 is this having on liquidity? I can tell you
- 19 that it's impossible to isolate something like
- 20 this in terms of overall liquidity for the
- 21 marketplace. But what we would tell you is that
- 22 if you look at liquidity -- and what this chart
- 23 shows -- is the top of the book and the top three
- levels of the book, the corn market actually
- 25 is more liquid -- and this is comparing Feb of

- 1 this year in the light blue to Feb of last
- 2 year in the dark blue -- so we can certainly
- 3 see that the corn market has significant
- 4 liquidity.
- If we look at soybeans, again,
- 6 soybeans tell a very different story. Blocks
- 7 have not had the uptake in soybeans. You can
- 8 see that while the blocks are in the front end
- 9 of the curve, they're fairly minuscule in
- 10 terms of the size, you know, three-hundredths
- of a percent and two-hundredths of a percent.
- 12 Again, liquidity overall in the market is
- 13 better than it was last year.
- 14 Clearly, those are our two most liquid
- 15 contracts. As we start to roll into things
- 16 that maybe have a touch less liquidity, let's look at
- 17 soft red winter wheat. Here we can see that actually
- 18 most of the block activity took place in the September
- 19 contract and it was spread pretty much across all of
- 20 the contracts. Again, in the front end of the
- 21 curve good liquidity, back end of the
- 22 curve, it's more or less what it was a year
- 23 ago.
- 24 Kansas City wheat, this is a contract that
- 25 again is -- you know, probably has a bit more

- 1 liquidity challenges than some of the other
- 2 ones. As you may know, we acquired KC in
- 3 2012. This has been growing significantly,
- 4 but if you look at the distribution here what
- 5 you see is clearly this is a market where
- 6 there has been less liquidity in the back
- 7 of the curve and you are seeing the block
- 8 activity there as well, and the biggest
- 9 majority of the block activity there is in the
- 10 Dec 18 and the March 19 contract, so this is
- 11 exactly what we would expect to see in a
- 12 contract like this.
- 13 Again, if you look at this, you'll see there's
- 14 a little less liquidity at the back end of the
- 15 curve compared to other contracts.
- 16 Soybean oil, you know, a bit of a split.
- 17 There's clearly some activity in the front
- 18 end, but then you go all the way back to the
- 19 December contract and we're seeing that as where the
- 20 vast majority of the activity is taking place.
- 21 Again, liquidity is a little bit better in
- 22 some places and a little worse in others.
- Soybean meal, again, a spread, but we're
- 24 seeing the majority of the block activity taking
- 25 place there in the August, Sep, and Dec contracts.

- 1 You also see maybe a little bit less liquidity back
- 2 there in the back end of the curve.
- 3 Live cattle. The uptake on cattle has
- 4 been -- and livestock has not been
- 5 significant. I would point out we had crosses
- 6 since 2002 in these markets. So actually,
- 7 introducing crosses isn't new to these markets. We see
- 8 kind of the spread across the curve in terms of live
- 9 cattle in the nearby I think that's -- is that
- 10 five percent or nine percent? .009 percent. And
- 11 it's pretty much spread across the board, and
- 12 liquidity is reasonably on par with a year
- 13 ago.
- And lean hogs we see a pretty outstanding
- 15 pattern here. The May contract has always
- 16 kind of struggled with liquidity, and what
- 17 we've seen is block activity that has made up
- 18 for that with the rest of the liquidity or the
- 19 rest of the activity spread.
- So, you know, what we see is we see
- 21 a market developing. Certainly these are
- 22 new. We're looking at them closely. As I
- 23 said before, our goal is to ensure that the
- 24 central limit order book will always be the primary
- 25 venue for risk management and price discovery and,

- 1 you know, we will continue to watch these,
- 2 look at these numbers and, you know, ensure
- 3 that that's the case.
- 4 I'd like to turn things over to
- 5 Andrew and he can talk a little bit about how
- 6 exactly how we are watching the marketplace.
- 7 MR. VRABEL: Thank you. Thank you.
- 8 Once again, my name is Andrew Vrabel. I'm the
- 9 head of investigations in the CME Group's Market
- 10 Regulation Department. I haven't met many of
- 11 you, so I'd like to take a moment to introduce
- 12 what Market Regulation does for CME
- 13 Group's markets. I'll spend a little bit of
- 14 time talking about the data we rely on and
- then specifically how we look at block
- 16 activity.
- We have approximately 160 employees
- 18 in market regulation. Those are
- 19 predominantly located in our offices in
- 20 Chicago and New York. The staff has as diverse a
- 21 background as I think you'd want to get in this type of
- 22 industry. There's 2,000 former brokers,
- 23 merchants, traders, HFT developers, and people
- 24 who have traded their own money, people have
- 25 traded others' money. And a healthy number of

- 1 data scientists who are working across five
- 2 primary functional groups in order to monitor
- 3 activity in the market and work with market
- 4 participants to be in best compliance with our
- 5 rules.
- 6 We have a rules and regulatory
- 7 outreach team, and their primary function is
- 8 writing rules and advisories. They also
- 9 spend a significant amount of time working
- 10 with participants to educate them on our rules
- 11 to ensure that they can come into compliance
- 12 and not have to interact with myself or my staff.
- We have a technology team within
- 14 Market Regulation. This is a team of data
- 15 scientists who build analytical tools that we
- 16 need in order to do the surveillance that we
- 17 need. I should add that outside of the
- 18 technology team within Market Regulation, we have
- 19 our IT department where we have almost 60
- 20 dedicated IT resources just for developing
- 21 regulatory systems. We have a market
- 22 surveillance team, and their primary function
- 23 is to prevent market manipulation. So they spend a
- 24 considerable amount of time looking at
- 25 positions of participants, how those positions

- 1 relate to the rest of the market and attempt
- 2 to prevent any future manipulation that may happen.
- My teams are investigations and data
- 4 investigations, and we are looking at all
- 5 market activity trying to find trade practice
- 6 violations and/or data anomalies.
- 7 And finally, we have a team of
- 8 attorneys that will prosecute the cases that
- 9 my team or the market surveillance team refers
- 10 to them.
- 11 There are two important keystones I
- 12 think everyone needs to appreciate about
- 13 Market Regulation because of what enables us
- 14 to do what we do so well.
- 15 First, we're completely independent
- 16 from the business of the organization. While
- 17 Tim, Fred, and I may work on initiatives to
- 18 improve the integrity of the markets,
- 19 everything that we do in Market Regulation is
- 20 within Market Regulation. No one outside of
- 21 our department knows what we're investigating,
- 22 who we're investigating, decisions we're
- 23 making. They have no opportunity to opine, provide
- 24 input. Everything we do is from the
- 25 regulatory perspective making sure that we can

- 1 preserve the integrity of our markets and also
- 2 comply with any regulations that are out
- 3 there.
- 4 We are overseen by an independent
- 5 panel of our board which is called Market Regulation
- 6 Oversight Committee. We're one of the first
- 7 D.C. arms of the United States that have a
- 8 dedicated oversight committee at a board level
- 9 responsible for ensuring that we have the
- 10 resources we need and that we can operate
- independent of the rest of the organization.
- 12 The second component relates to
- 13 confidentiality, and this is critical in order
- 14 to obtain information from participants. Any
- 15 information that we obtain during the course of
- 16 fulfilling our regulatory duties is maintained in
- 17 confidence. That allows us to go out to the
- 18 grain elevator or to a farmer or trading firm
- 19 and ask them questions about what they feel is
- 20 happening in the market and/or obtain from
- 21 them more intimate information about their own
- 22 strategies. That information stays within
- 23 Market Regulation and goes to nowhere else.
- The lifeblood of what we do in Market
- 25 Regulation is highly dependent on having data

- 1 and tools at our disposal. With every single
- 2 order message that's submitted into Globex, we
- 3 have real time access to that data. To put this in
- 4 perspective, across all exchange products on a daily
- 5 basis futures and options we take in 750 million to a
- 6 billion order messages. The ag markets are a very
- 7 small portion of that. If I look at corn futures. Oh
- 8 an average day we may see 500 million order
- 9 messages -- sorry, 500,000 order messages. So
- 10 it's a small piece of the total amount of data
- 11 that we're pulling in. But when we receive
- 12 this order messaging data we then enrich it with other
- information that's necessary for us to do
- 14 surveillance.
- Tim mentioned before that in the
- 16 period they looked at, mostly Q1, there were
- 17 34 million trades that happened in that group of ag
- 18 products. So we, in Market Regulation, have
- 19 information on every single cleared trade, including
- 20 the ultimate owners of the positions that were
- 21 acquired through those trades, whether those were
- 22 given up from one firm to another or executed
- 23 directly through the account for the owner.
- 24 And this includes information on all deals
- 25 submitted for privately negotiated trades, which
- 26 is block trades.

- 1 So when a participant logs into ClearPort and
- 2 inputs all the information, we have access at
- 3 our fingertips to every single thing that goes
- 4 into that system. And this is what a deal
- 5 sheet would look like for a block trade where
- 6 that information is readily available to any
- 7 of the 160 people in market reg.
- 8 Our market surveillance team is
- 9 collecting position data from any account that
- 10 that has reportable positions. This information flows
- into all of our regulatory systems as well.
- I mentioned the enormous amount of
- order messaging data this makes up the
- 14 market data that is flowing out to the public.
- 15 We spend a lot of time visualizing this
- 16 enormous amount of data in order to get it
- into a format that's actually consumable.
- 18 This visual here for Live Cattle spreads
- 19 likely included a half a million rows of data.
- 20 In order to take that much data and put it
- 21 into a visual is extremely impactful for us.
- We have tools that we developed
- 23 ourselves in order to find specific types
- 24 of violations. So for block trade, we have a
- 25 suite of tools that allow the investigators to

- 1 look for particular types of trading
- 2 infractions.
- Into our systems, we take feedback
- 4 from participants. Last fall we introduced a
- 5 self-reporting portal where block participants
- 6 can self-report their late trades. And when
- 7 we created this, we had this dropdown for
- 8 explanations -- and this is based on kind of our
- 9 informed history of doing block trade reviews --
- 10 on the reasons this was provided for having a
- 11 late report. But then we also added a
- 12 free form text field.
- 13 All of that information whatever is
- 14 inputted into this flows into our other regulatory
- 15 systems. So if we identify a late reported block, we
- 16 also know whether the participant was proactive and
- 17 self-reported that.
- 18 So specifically related to blocks.
- 19 We have a dedicated team within investigations
- 20 that's responsible for looking at block
- 21 trading activity, and they perform five major
- 22 functions which I'll run through quickly.
- 23 So they perform pricing analysis
- 24 because any block trade by rule is required to
- 25 be done at a fair and reasonable price, so our

- 1 team is running analytics on block trades to
- 2 determine if the pricing is fair and reasonable.
- 3 We do that in a number of ways. We look at
- 4 Globex was trading and a range around that time. We
- 5 look at other block trades executed around that time
- 6 and then we also do a cost-to-fill analysis.
- 7 Questioning what portion of the block could
- 8 have been executed in the order book. If 100
- 9 percent of the block could have been executed
- in the order book, it gives us reason to go
- 11 then look at the pricing to determine whether
- 12 that pricing was in line with where the market
- 13 was trading.
- We run a timing analysis, not only looking
- 15 for blocks that are late reported, but also
- 16 looking for block trades that may have been
- 17 misreported. So, for example, if a firm reports
- 18 a block as though it was done timely when, in
- 19 fact, it wasn't. We look for prohibited
- 20 pre-hedging activity, which while we allow
- 21 pre-hedging, there's still certain limitations
- 22 on the type of pre-hedging that can be
- 23 effected in the market and by whom.
- We look for standardized trade
- 25 violations such as money pass activity and wash

- 1 trades, wash trades that can be used or
- 2 effected through block trades.
- 3 And then the last, is the sixth area
- 4 we view, is the team performs analysis on
- 5 every complaint received from participants
- 6 related to block activity. So on an annual
- 7 basis, we take in hundreds of complaints. A
- 8 very small portion in that relates to block
- 9 trading activity. But every complaint we
- 10 receive, we analyze it and we provide feedback
- 11 to the complainant on what their observations
- 12 were. Either, yes, we have a problem with this
- and we've opened an investigation, or no, we do not
- 14 have a problem and this is what our
- 15 observations are, obviously without revealing
- 16 any of the confidential information we may
- 17 have or strategies of participants.
- So just an example. I had this visual
- 19 up before showing you likely can't read the upper
- 20 portion. It's a live cattle futures spread
- 21 market. The green line denotes the price
- 22 traded on Globex at a particular time. I know that
- 23 at 9:10 in the morning a block trade was executed for
- 24 75 contracts. I know, again, if you can see that
- 25 purple dot, that it was executed at the

- 1 existing trade price that was being executed in
- 2 Globex. But then I also know from our data and our
- 3 analysis, that had that been executed in the
- 4 public market, it would have traded through at least
- 5 three price levels.
- 6 This is the type of analysis the team
- 7 is doing on a regular basis for every block
- 8 trade that's done that would hit one of our flags
- 9 either for timing, pricing, pre-hedging,
- 10 money pass, wash trades or is the subject of a
- 11 complaint.
- 12 If we identify violations, we
- 13 generally have two courses of action. We have
- 14 a summary finding process, which we use for
- 15 reporting or recordkeeping violations. If we
- 16 determine that the violation is egregious or
- there are repeated issues, we can refer the
- investigation to our enforcement team where
- 19 they can pursue a sanction in front of our
- 20 business committee.
- 21 This example up here is not in an ag
- 22 market, but it was from last month where a firm was
- 23 sanctioned \$60,000 for a series of late-reported
- 24 blocks. We take this very seriously, not only in
- 25 how we are monitoring the

- 1 markets, but the actions we take in order to
- 2 get better compliance from markets.
- 3 Happy to take any questions.
- 4 MR. THORNTON: Thank you very much.
- 5 Let's start with Patrick Coyle from
- 6 the National Grain and Feed Association.
- 7 MR. COYLE: Thank you. Andrew, on that price
- 8 analysis that you've done, did you come across
- 9 any instances where the trades were executed
- 10 in the market and based on your analysis that
- 11 could it have easily been done in the central order
- 12 book? A lot of your examples have shown that had it
- 13 gone into the central order book, it would have
- 14 dramatically impacted prices?
- 15 MR. VRABEL: Yes, there are. There
- are examples where, particularly, and Tim
- 17 pointed out, in corn where you have a fairly deep
- order book, both in outright and spreads where the
- 19 block trade could have been executed, at the first
- 20 price level of the book. When we see those instances,
- 21 that's when the pricing becomes most important because
- 22 if the block is, you know, off market. It really
- 23 questions why the participant would have chosen to go
- 24 through the route of blocks rather than putting it in
- 25 the central limit order book.
- 26 Further to that, my team is committed

- 1 to doing -- we call it a post Q1 analysis of
- 2 the block activity. And we will be making
- 3 recommendations based on the activity that we
- 4 see including potentially some of these
- 5 observations for some of the more deep markets where
- 6 the block activity likely could have been executed
- 7 in the order book.
- 8 MR. COYLE: Just a quick response. That
- 9 wasn't ultimately the goal I think of blocks -- to
- 10 take trades that could have been done in the central
- 11 order book with liquidity away from the central order
- 12 book, correct? That would be something would get a red
- 13 flag of why a participant might go and use the block?
- MR. VRABEL: It may or may not. The
- 15 example that Tim noted where there was a corn
- 16 and futures trade is a leg of another spread.
- 17 They traded ethanol, I think it was. There
- 18 are a lot of examples that we see where even
- 19 the block size and block trade may have
- 20 been able to execute in the central
- 21 limit order book at the time. It doesn't
- 22 necessarily negate or discount where that
- threshold is set. But it's something we're
- 24 looking very closely at.
- MR. THORNTON: Thank you.
- 26 Mr. Ullmer from R-CALF.

- 27 MR. ULLMER: Kim Ullmer here on Continental
 - 1 R-CALF on behalf of Stockgrowers of America.
 - 2 This is a one-page contract is the
 - 3 way cattle are handled, that's block trades
 - 4 a private treaty. Now, here's the 19-page
 - 5 result book that people in the livestock
 - 6 industry are supposed to try to understand.
 - 7 So we see all this stuff about regulation.
 - 8 Who's regulating these guys? They write a
 - 9 19-page rule book and the real actual system works
- 10 with the one-page system. That's the live
- 11 cattle then on the feeder cattle they don't even have
- 12 a delivery. Here's a simple one-page private treaty
- 13 contract that happens every day of the week and they
- 14 take the total delivery out and create a four-page
- 15 rule book. Let's work on regulating these guys.
- 16 They're creating a false system that you can't even
- 17 use. How many farmers on earth could take and figure
- 18 out their 19-page rule book when the system
- 19 works like this? Ninety million sell a year and we
- 20 do it this way? We need help regulating these
- 21 people.
- MR. THORNTON: Thank you.
- 23 Mr. Hayden Wands, American Bakers
- 24 Association.

- 1 MR. WANDS: So just a question on
- 2 the block trades because a lot of our constituents
- 3 are in the deferred markets. They're incredibly
- 4 illiquid. I won't even mention Minneapolis Exchange.
- 5 So just a clarification. Let's say that we had orders
- 6 in to buy, I'll say, March of '19 wheat at \$5. Could
- 7 a block trade trade at that level or less than that
- 8 level we would be executed in the central -- You
- 9 see what I'm saying?
- 10 If somebody wanted to do 2,000
- 11 contracts at 499 and three-quarters and I had
- 12 an order in there to buy 10 at \$5, could that
- 13 block trade essentially trade through my order
- 14 and we didn't get filled or could it trade at
- my order and we still didn't get filled?
- 16 MR. VRABEL: And so block trades do
- 17 not elect stops that are resting in the central order
- 18 book. One observation about blocks, separate from our
- 19 block trading team, we have a team that's looking at
- 20 disruptive trading activity in the marketplace. And
- 21 the best example is looking at live cattle where a
- 22 75 lot market order in live cattle can cause
- 23 significant price movement. And often when we
- 24 see those large price movements, the market

- 1 price deviates from the mean and then we'll
- 2 revert back to where it was.
- I can't tell you the number of
- 4 complaints we got from commercial end users on
- 5 their stop being elected and all of a sudden
- 6 being significantly out of the money because
- 7 it was elected when the market was in the
- 8 reversion pattern. So I think that's one of
- 9 the very important reasons why we don't want
- 10 blocks to be electing stops. In other words,
- 11 you are not going to get a fill if your order is on
- 12 Globex and there's a block that's priced
- 13 at or through them.
- MR. THORNTON: Thank you.
- Joe Kovanda, NCBA.
- MR. KOVANDA: Yes, Joe Kovanda,
- 17 National Cattlemens Beef Association.
- In general, if you observed over a
- 19 period of time the blocks or the crosses
- 20 exceeding that level that you see in non ag
- 21 commodities 3, 4 percent on a routine basis,
- 22 what are the levers that you have to address
- 23 in such a situation?
- And then the second question, maybe
- 25 more towards Andrew is, does the existence of
- 26 blocks in the question just before incent

- 1 users of the central order book that
- 2 frequently use -- I don't know what other term
- 3 you use -- but icebergs where the size is not
- 4 displayed explicitly, does the existence of
- 5 blocks incent those users to do less use of
- 6 those types of orders?
- 7 MR. ANDRIESEN: Let me take the first
- 8 question, and I'll hand it off to Andrew for
- 9 the second one.
- 10 So there are two levers that we have
- in terms of increasing or decreasing
- 12 participation of the block market. One is the
- 13 threshold, so the transaction has to exceed a
- 14 certain threshold to be able to be block
- 15 eligible. So in theory, if you increase the
- threshold, then you're going to take more
- 17 transactions away from the block, from their
- 18 ability to execute as blocks.
- 19 And the second are fees. It is
- 20 more -- it costs more to execute a block, so
- 21 there is an economic disincentive to execute a
- 22 block if you can execute it in the central
- 23 order book.
- MR. VRABEL: Is your second question,
- 25 Joe, on whether blocks have an impact on

- 1 displayed order sizes of the book? I haven't
- 2 analyzed it. I can say anecdotally speaking
- 3 to participants in other markets who have
- 4 said, I would have traded at that price for
- 5 that size. And my question back was, did you
- 6 have that size displayed in your order book?
- 7 And they say, no. I say, well, maybe you want
- 8 to. So there is that possibility that people
- 9 will change their passive order activity in
- 10 order to attract more of that volume away from
- 11 blocks.
- 12 MR. KOVANDA: Just a follow-up. The
- 13 reason I ask that question, Andrew, is because
- 14 in my experience, in talking with market
- 15 participants, there's an increased use of
- 16 those types of orders. And while the
- 17 participant has intentions to get a fill on
- 18 the entire volume, the way that they display
- 19 it creates counteractions by aggressors in the
- 20 market.
- 21 For example, looking at the market
- 22 depth and saying, there's not enough there to
- 23 execute what I want to and then they
- 24 substitute with potentially a block trade.
- 25 So it seems to me that this is, just
- in my experience in discussing it with the

- 1 market, this is a potential issue of users of
- 2 the market that use these iceberg-type orders.
- 3 MR. THORNTON: Mr. Barker, NCFC.
- 4 MR. BARKER: Thank you. As I
- 5 interact with our customers -- in my day job I'm the
- 6 chairman of an FCM -- our customers are frustrated by
- 7 this because the feeling is what Mr. Wands explained.
- 8 You can get traded through and not get filled and
- 9 the feeling in the country is there's one set of
- 10 rules for people who enter five lots, and there's
- another set of rules for people who enter 500 lots.
- 12 And I understand your argument is
- 13 we're talking about less than one percent of
- 14 the market, but from a hedger's perspective,
- 15 deliveries in a lot of cases are less than one
- 16 percent of the market, but they're essential
- 17 to the price discovery function and the
- 18 hedging functionality of our markets.
- 19 So I don't know that I have a
- 20 question, but that's the sense in the country
- 21 -- is that you created two different markets where it
- 22 may only trade at the top of the book, but
- 23 I had an order in there and didn't get
- filled and somebody else did because they're
- 25 trading larger quantities. So I just want to
- 26 express the sense I've gotten from my membership.

- 1 MR. ANDRIESEN: If I can respond to
- 2 that very quickly.
- 3 Again, there is an OTC market today
- 4 where people, a very small number of people, who have
- 5 ISDAs with other counterparties can do that.
- 6 And your customers don't ever see those transactions.
- 7 Our goal and our hope is that actually implementing
- 8 blocks at least brings those into a transparent
- 9 market where they can see those transactions.
- 10 MR. BARKER: Respectfully, that
- 11 argument somewhat falls on deaf ears, because
- 12 you're the CME and you control Globex
- 13 and Globex is transparent. And so when I have
- 14 an offer out there at 10 on a spread, you expect
- 15 to have an opportunity to get filled and the
- 16 same entity that controls Globex and controls
- that is allowing a tiered system where a 500
- 18 lot could trade and I wouldn't get any of it.
- MR. THORNTON: Thank you.
- Mr. Hines, Farm Bureau.
- MR. HINES: Thank you, gentlemen, for
- 22 coming and presenting today. Matt Hines,
- 23 American Farm Bureau. Two questions.
- 24 Within blocks and crosses we talked a

- 1 lot about where it hits in the book, is there
- 2 a price requirement where that has to be filled
- 3 at or put in within like an EFP, if I'm going to
- 4 exchange with another participant we can take a look
- 5 at the daily range, and pick a price in between there
- 6 Is there any type of price requirement on a block or
- 7 a cross?
- 8 MR. VRABEL: There is a price
- 9 limitation. The trades have to be executed in
- 10 the daily range.
- 11 MR. HINES: Thank you. Just wanted
- 12 everybody else to kind of hear that also
- 13 because it wasn't mentioned today.
- 14 As far as difference between Globex
- 15 and ClearPort, for instance, a quote system that
- 16 I use it's a FCM derived quote system or a DTN
- 17 Prophet X, it's concerning from a participant's
- 18 point that I can go back and look at time and sales
- on Globex and see every single trade, but the block
- 20 trade I have to go to a separate system in ClearPort
- 21 to see that trade. there a way or something Is
- 22 talked about in the future to bring those two and put
- them together so that I can see all of
- 24 that in one?
- 25 MR. ANDRIESEN: So it's my
- 26 understanding that all of the block

- 1 information goes out with our data feed, so if
- 2 you have a -- I don't know each individual
- 3 data system, obviously. But the systems that
- 4 we understand and particularly CME Direct, which is
- 5 our system. You can bring up a window to look
- 6 at block information just as you bring up a
- 7 window to look at any other information that
- 8 comes out in the data feed. How you see that
- 9 is going to be a function of the system you
- 10 have in front of you and whether or not it is
- 11 designed to provide you with that information.
- MR. THORNTON: Mr. Gallagher,
- 13 National Milk Producers Federation.
- MR. GALLAGHER: So the trades that
- 15 have been happening with the blocks and
- 16 crosses, do you know, are they trades that
- 17 would have happened otherwise without it in
- 18 the swap market, OTC market? Or are these new
- 19 executions that are happening because
- 20 you've made this change of using blocks and
- 21 crosses?
- MR. ANDRIESEN: I'm not sure there's
- 23 a way to answer that question because each
- 24 trade is different and what would have
- 25 motivated the customer to do that would be

- 1 different. I can't answer that question.
- 2 MR. GALLAGHER: But you know who
- 3 participants are that are transacting -
- 4 can you go back and do a survey and ask them that
- 5 question. I think it would be kind of interesting to
- 6 know. Is this bringing liquidity from somewhere else
- 7 or is it generating new liquidity?
- 8 MR. VRABEL: So I do know who has
- 9 executed every block trade. I can tell you
- 10 that I have done some analysis and that there
- 11 are participants who are active in the block
- 12 market who are not in our markets O4 of 2017 or
- 13 the same time period at 01 2017.
- I don't know if those participants
- 15 would have come to our market just to trade
- 16 blocks or if they were coming to our market
- 17 anyway and they started trading blocks.
- 18 You're right though; the only way to truly find out
- is to send each of those participants an
- 20 inquiry letter, which, you know, often causes
- 21 some participants to get a little edgy when
- 22 market regulation is sending inquiries.
- MR. THORNTON: Thank you.
- Mr. Strong, North American Export
- 25 Grain Association.

- 1 MR. STRONG: Thanks. Maybe just a
- 2 comment. Maybe Not a question, but a comment for
- 3 everybody in this room and the Commissioners.
- 4 This issue of block trades has some major
- 5 reservations with the NGFA Risk Management
- 6 Committee. And it is new and we're working
- 7 through it and trying to see whether it really
- 8 is good or bad for the market, but there are
- 9 many who -- there are some on the committee
- 10 who -- take exception that the level to enter
- 11 block trades excludes the small consumer of
- 12 futures needs or the farmer that might need to
- 13 hedge, so an IB with a book of small
- 14 business is just totally excluded from this.
- 15 There are -- while we generally get
- 16 the fact that another side of a block is
- 17 probably going to come back and re-hedge
- 18 themselves in Globex, we are certainly
- 19 skeptical of that. At least specifically in
- 20 my firm, people are calling us all the time
- 21 because they know that we are naturally a,
- 22 you know, either short or long in different
- 23 commodities so they're just looking to pair
- 24 us up with somebody else. And I doubt that
- 25 that -- I doubt once they can find a natural long

- 1 and short, I wonder how much that volume does
- 2 come back to Globex.
- 3 So some of us think that it is taking
- 4 order volume off the central order book, which
- 5 we don't think is good. We don't -- many of
- 6 us don't -- want to go to an outside broker to do
- 7 a block simply to execute a larger quantity,
- 8 which is maybe not the topic of blocks for
- 9 today, but it is a frustrating market
- 10 occurrence which we've had many discussions
- 11 on. We understand it comes from the K
- 12 algorithm, but it is really frustrating to see
- 13 20,000 spreads on a bid or an offer and you go to
- 14 lift 1,000 and all of a sudden it gets cut
- 15 down to eight, and by the time you do your
- 16 second thousand you've taken the market bid.
- 17 We don't really want to go to a
- 18 broker that then would say, oh, this commercial
- 19 is now rolling their whole soybean or corn
- 20 book at these particular prices. We'd rather
- 21 be able to operate that -- be able to operate
- 22 and execute on the Globex in this anonymous
- 23 way that we're used to right now and we don't
- really want to pay a higher fee since we're
- 25 already members of the CME.

- 1 We saw some of these slides at the
- 2 NGFA risk committee or -- excuse me, I'm
- 3 sorry, at the NGFA convention in Scottsdale and some
- 4 Tim and Andrew, some subsequent conversation within
- 5 the risk committee. We're wondering if the charts
- 6 you put up that showed the very small percentages --
- 7 That's over a period of January 8th through March
- 8 23rd, I think, so it really smooths out the data, and
- 9 a lot of us wonder if on specific days where
- 10 blocks are more active than others, is it a heck of a
- 11 lot more percentage of daily volume? I don't know if
- 12 you have that data and can answer or not, but that's
- 13 a question -- and you can get back to us if you want,
- 14 but that's a question a number of us have had.
- 15 And I guess I would -- I guess I
- 16 would again suggest that maybe the CME could
- 17 consider increasing the clip size, so that, so that
- 18 commercials so that people can execute bigger
- 19 quantities without using a block.
- Other people at the NGFA convention
- 21 came up to me when I suggested it at the
- 22 committee meeting that they also agreed and
- 23 thought that that would help the, let's say
- 24 this annoyance problem where you get bids
- 25 and offers that vaporize because they would have

- 1 a much more risk of being lifted.
- 2 So anyway. I think that sums up my
- 3 comments. I don't know if I was looking for
- 4 anything specific, but I wanted everybody here
- 5 to know that there are some in the group that
- 6 really, I think the jury is still out with us whether
- 7 blocks are a good thing or not.
- 8 MR. THORNTON: Thank you. And in the
- 9 interest of time, because we are now 15
- 10 minutes over, I will turn to the Commissioners
- 11 and Chairman for any -- quickly, for the call
- 12 if there's anybody that needs a question.
- 13 Any questions? Thank you.
- Now I'll turn to the Commissioners
- 15 and Chairman for any questions or closing
- 16 remarks.
- 17 CHAIRMAN GIANCARLO: Thank you all.
- 18 This has been terrific. This is a great
- 19 example of all of your determination to
- 20 address many of these issues and get these
- 21 issues right. And I think It is similarly reflected in the
- 22 Commission's intention to work with you and
- 23 bring our focus on these issues. So thank you
- 24 all for your participation and look forward to
- 25 many of you that will join us in the

- 1 conference that begins in a little while. Look
- 2 forward to seeing you there.
- 3 COMMISSIONER QUINTENZ: Just to add
- 4 to the Chairman's point. This is my first ag
- 5 advisory committee meeting. I found it
- 6 incredibly useful, informative. I think
- 7 it's -- these meetings provide an opportunity
- 8 for education and discussion and feedback not
- 9 only for us, but for you, our members, and for
- 10 our panelists and I felt that that was
- 11 demonstrated in spades today. So thank you for
- 12 bringing your expertise to bear on all of these
- 13 issues.
- 14 And I just wanted to reiterate how
- 15 much I learned about how important the futures
- 16 markets are to the effective operation of the
- 17 entire farm safety net system. And I think that
- 18 that's something that I will carry with me
- 19 throughout my meetings with a lot of diverse
- 20 market participants and up on the Hill. So thank you.
- 21 COMMISSIONER BEHNAM: A quick thank
- 22 you to the speakers on all three panels.
- 23 Thank you for all of the Committee members for
- 24 being here, some local, some traveling. A lot
- of guestions answered, a lot of guestions
- 26 unresolved. And we're going to stay focused.
- 27 I know the three of us are very engaged on these

- 1 issues; we care about them very much.
- We have a lot to look forward to in
- 3 the next day and a half. This was a special
- 4 meeting for I think the Commission to be
- 5 outside of D.C. and have an ag advisory
- 6 meeting outside of the Beltway, like the chairman
- 7 said, but especially here in Kansas.
- 8 I certainly want to thank Charlie and
- 9 Christa for all of your hard work, the
- 10 Chairman for being here, Commissioner Quintenz, as
- 11 well. And again, to all the committee members, we
- 12 appreciate your engagement. You inform us of what we
- 13 need to be thinking about, how we need to be
- 14 thinking about it.
- And as always, as we've always said,
- 16 speaking on behalf of Commissioner Quintenz and the
- 17 Chairman, our doors are always open and we're
- 18 always willing to hear your stories, so we can
- 19 help resolve issues and looking forward to the
- 20 rest of the event. Thank you. Thank you
- 21 for attending this AAC meeting; the meeting is
- 22 now adjourned.

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