

**KARNAL BUNT STRATEGIC PLAN**

**OVERCOMING KARNAL BUNT AS A QUARANTINE PEST**

**WHILE PRESERVING EXPORT MARKETS**

**FY 2002 – 2007**

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### Introduction

On February 26, 2002, USDA finalized “A Strategic Framework for the Karnal Bunt Program: Critical issues and Next Steps Towards Deregulation While Preserving Export Markets.” This document outlined critical issues that would need to be addressed to overcome KB as a pest of quarantine concern from information gleaned from the October 31 and November 1, 2001, Karnal Bunt Workshop and gathered from Federal and state cooperators, and producers, handlers, and exporters. The Framework document states, “participants were unanimous in their opinion that USDA must undertake the challenge of overcoming the classification of KB as a quarantine pest (deregulation) while preserving wheat export markets.” This document, “Karnal Bunt Strategic Plan: Overcoming Karnal Bunt as a Quarantine Pest While Preserving Export Markets,” describes activities to be undertaken and accomplished for progress towards the goal of overcoming Karnal bunt as a quarantine pest.

During the next 4 years the success for removing domestic regulations for Karnal bunt will hinge on a number of key areas of cooperation and support. These areas include continued commitment by USDA, willingness of the U.S. and its foreign trading partners to modify their entry requirements, agreement among the states not to implement exterior quarantines, producer, handler, and export industry support, and willingness to accept loss of some export market share.

To meet the annual targets that have been established task accountability and coordination by issue leaders are critical. This coordination will be provided through the USDA Karnal bunt Coordinator for policy issues and USDA Karnal Bunt Task Force, composed of Agency representatives from the Department with continual communication with cooperators and stakeholders. An incremental approach for overcoming KB as a quarantine pest will require patience, requiring USDA action and stakeholder support. The strategic plan will be a dynamic document with annual assessment of the strategy and accomplishments and development of “mid-stream” corrections (if necessary) to assure it remains on-track. It is understood that activities in the plan are interrelated and require linkages with the other plan’s components.

Each FY activity undertaken should contribute to reaching the stated FY 2007 goal. Federal, state, and stakeholder decision makers should assess every decision and any proposed action in connection with Karnal bunt, including decisions on compensation, based on whether it would contribute to overcoming KB as a quarantine pest. Actions that would not contribute to this goal by Federal, state, and stakeholder decision makers should not be undertaken.

The following outlines the annual goals of the Karnal Bunt Strategic Plan: Overcoming Karnal Bunt as a Quarantine Pest While Preserving Export Markets:”

FY 2002- Initiate and or complete FY 2002 actions.

FY 2003- Complete negotiation with 25% of the foreign trading partners to remove additional declaration restrictions or 25% of the grain trade requiring the additional declarations

FY 2004-Complete negotiation with 50% of the foreign trading partners to remove additional declaration restrictions or 50% of the grain trade requiring the additional declaration.

FY 2005- Complete discussions with category 1 trading partners and final discussions with remaining categories

FY 2006- Complete discussions with countries in categories 2-5

FY 2007- Rescind USDA quarantine regulations for Karnal bunt

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Goal: FY 2002- Initiate and or complete FY 2002 actions.

Year one of this plan, FY 2002 will be dedicated to a number of specific objectives. First, we will need to (1) communicate the strategic plan among Federal, State, and stakeholders to achieve a unified direction for overcoming Karnal bunt as a quarantine pest and to increase awareness of Karnal bunt issues and program activities; (2) provide the underpinning for future actions by initiating or completing actions identified for 2002, (3) review progress and when necessary identify additional actions or modify actions in future years.

ISSUE/LEADER/ACTIONS	TEAM	DATE
<p><b>Coordination:</b> USDA</p> <p>1. Designate a USDA official for the coordination of USDA activities for planning and implementation of policies and procedures towards overcoming KB as a quarantine pest while preserving exports.</p> <p>2. Complete, distribute and implement strategic plan- <b>Bob Spaide (PPQ)</b></p>	<p>1. USDA</p> <p>2. USDA Task Force</p>	<p>1. 2<sup>nd</sup>. Quarter</p> <p>2. 3/22/02</p>
<p><b>Communication:</b> Meghan Thomas, Public Affairs Specialist, Legislative and Public Affairs, APHIS</p> <p>1. Schedule industry and Hill briefings- <b>USDA Mission Areas</b></p> <p>2. Participate in National, Regional, and local industry meetings to provide information about the pathogen, disease etiology, and program activities. <b>USDA Mission Areas</b></p> <p>3. Establish public relations rapid response capability to deal with new outbreak issues. – <b>Meghan Thomas (LPA)</b></p> <p>4. Maintain KB websites- <b>Joel Floyd (PPQ) and Meghan Thomas</b></p> <p>5. Maintain Hotline- 1888-661-8083- <b>Bob Spaide (PPQ)</b></p> <p>6. Coordinate with States and industry public relations and news release information- <b>Meghan Thomas (LPA)</b></p> <p>7 Develop and conduct a system for 1) timely and effective information sharing, 2) ensuring stakeholder collaboration and cooperation including fact sheets, and public service announcements. <b>Meghan Thomas (LPA)</b></p>	<p>1. USDA, cooperators, and stakeholders</p> <p>2. USDA, cooperators, and stakeholders</p> <p>3. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>4. APHIS-PPQ &amp; LPA</p> <p>5. APHIS-PPQ</p> <p>6. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>7. APHIS- LPA, PPQ, Elizabeth Hill (FSA-DAFP)</p>	<p>1. Ongoing</p> <p>2. Ongoing</p> <p>3. 3<sup>rd</sup>. Quarter</p> <p>4. Ongoing</p> <p>5. Ongoing</p> <p>6. Ongoing</p> <p>7. 3<sup>rd</sup>. Quarter</p>
<p><b>International Activities:</b> Robert Reimenschneider, Director, Grain and Feed Division, Foreign Agricultural Service</p> <p>1. Develop list of countries with KB AD requirements, conduct a qualitative assessment to categorize countries based on degree of difficulty in dealing with the country, wheat producer or not, importer or exporter of grain, and record of compliance with SPS agreement and prioritize list. <b>Robert Reimenschneider (FAS)</b></p> <p>a. Prepare strategy by category and individual country for reducing restrictions imposed by country.</p>	<p>1. Alan Green (PPQ), ERS, export industry, World Ag Outlook Board</p>	<p>1. 3<sup>rd</sup>. Quarter</p> <p>1a. 4<sup>th</sup>. Quarter</p>

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<p>2. Initiate negotiations, both official and industry with the government and industry representatives of at least one top priority country. <b>Robert Reimenschneider (FAS)</b></p> <p>3. Initiate negotiations with Mexico to harmonize KB restrictions. <b>Alan Green (PPQ)</b></p> <p>4. Initiate work with North American and other trading partners to develop equivalent KB management programs as guidance to producers. <b>Scott Redlin (PPQ)</b></p> <p>5. Maintain effective phytosanitary certification program to meet importing country's phytosanitary requirements. <b>Alan Green (PPQ)</b></p> <p>6. Initiate evaluations of alternatives to the "area freedom" concept to facilitate the export of wheat, such systems approach to "area freedom" to meet importing countries requirements. <b>Scott Redlin (PPQ)</b></p>	<p>2. FAS, PPQ, APHIS-IS, Export industry</p> <p>3. FAS, APHIS-IS</p> <p>4. Alan Green (PPQ), Kitty Cardwell (CSREES), Rick Bennett (ARS)</p> <p>5. PPQ</p> <p>6. Kitty Cardwell (CSREES), Rick Bennett (ARS)</p>	<p>2. 4<sup>th</sup>. Quarter</p> <p>3. 4<sup>th</sup>. Quarter</p> <p>4. 4<sup>th</sup> Quarter</p> <p>5. Ongoing</p> <p>6. 4<sup>th</sup> Quarter</p>
<p><b>National Activities:</b> Mike Stefan, Director, SEPPC (PPQ)</p>		
<p style="text-align: center;"><b>Compensation</b></p>		
<p>1. Publish revision of August 6, 2001 compensation rule- <b>Bob Spaide (PPQ)</b></p> <p style="padding-left: 20px;">a. Communicate provisions of rule to stakeholders through public meetings and outreach.</p> <p>2. Review existing compensation guidelines to ensure regulations are current. <b>Bob Spaide (PPQ)</b></p> <p>3. Explore the possibility of Commodity Credit Corporation (CCC) purchasing positive and/or spore negative grain for aid programs. <b>Bob Spaide (PPQ)</b></p> <p>4. Determine if KB compensation issues could be managed by a crop insurance program. <b>Mike Hand (FSA-RMA)</b></p>	<p>1. APHIS-PPD</p> <p>1a. APHIS-PPQ, FSA, LPA</p> <p>2. APHIS-PPD, Elizabeth Hill, Raellen Erickson (FSA-DAFP), Steve Gill or Candy Thompson (FSA-DACO), Mike Hand (FSA- RMA)</p> <p>3. CCC Board of Directors</p> <p>4. Terri Burrell (PPQ)</p>	<p>1. 2<sup>nd</sup> Quarter</p> <p>1a. 5/1/02</p> <p>2. 5/15/02</p> <p>3. 9/15/02</p> <p>4. 6/15/02</p>
<p style="text-align: center;"><b>Regulations</b></p>		
<p>5. Revise policy for taking action on wheat as a contaminate from KB countries to the bunted kernel standard. <b>Jim Smith, Assistant Director, Port Operations, PPQ</b></p> <p>6. Revise 7CFR301.89 to reduce the number of regulated areas in NM, TX and CA quarantined because of contaminated seed planted in 1996 and update list of regulated/deregulated areas. <b>Bob Spaide (PPQ)</b></p>	<p>5. APHIS-PDC</p> <p>6. APHIS-PPD</p>	<p>5. 2/1/02</p> <p>6. 4<sup>th</sup> Quarter</p>

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<p>7. Revise 7CFR301.89 utilizing updated technological, scientific, and operational information. <b>Bob Spaide (PPQ)</b></p> <p>8. Revise 7CFR319.59 to harmonize requirements with 7CFR301.89 <b>Bob Spaide/Wayne Burnett (PPQ)</b></p> <p>9. Prepare drafts of documents necessary to declare new emergencies. <b>Steve Poe/Bob Spaide (PPQ)</b></p> <p>10. Initiate a study for the feasibility of implementing regulations for national standards for wheat, durum wheat and triticale seed. <b>Barry Carpenter (AMS)</b></p> <p>11. Initiate a study for the feasibility of developing and applying of wheat grade and quality standards for KB. <b>Jay Mitchell (GIPSA)</b></p>	<p>7. APHIS-PPD</p> <p>8. APHIS-PPD</p> <p>9. APHIS-PPD</p> <p>10. Jay Mitchell (GIPSA), Kitty Cardwell (CSREES), Rick Bennett (ARS)</p> <p>11. GIPSA</p>	<p>7. 4<sup>th</sup> Quarter</p> <p>8. 4<sup>th</sup> Quarter</p> <p>9. 5/1/02</p> <p>10. 4<sup>th</sup> Quarter</p> <p>11. 4<sup>th</sup> Quarter</p>
<p><b>Operations</b></p>		
<p>12. Develop and implement an information management system capturing analyzing and reporting program data collected during field operations, and ensuring program effectiveness. <b>Joel Floyd (PPQ)</b></p> <p>13. Complete and distribute updated KB field manual. <b>Bob Spaide (PPQ)</b></p> <p>14. Revise the National Survey Plan: <b>Russ Mckinney (PPQ)</b></p> <p style="padding-left: 20px;">a. reduce the amount of time between sampling and analysis</p> <p style="padding-left: 20px;">b. consider weather and climate data to prioritize sampling areas and sample analysis.</p>	<p>12. Eric Grant (APHIS)</p> <p>13. PPQ</p> <p>14. SPRO's, Ron Sequeira (PPQ), NASS</p>	<p>12. 4<sup>th</sup> Quarter</p> <p>13. 3<sup>rd</sup>. Quarter</p> <p>14. 4/1/02</p>
<p><b>Economic Assessment</b></p>		
<p>15. Complete and distribute economic assessment of unilateral deregulation of KB- <b>Gary Vocke (ERS)</b></p>	<p>15. ERS</p>	<p>15. 3<sup>rd</sup> Quarter</p>
<p><b>Scientific Support:</b> Rick Bennett, National Program Leader, ARS</p>		
<p>1. Catalog existing risk assessments- <b>Ron Sequeira (PPQ)</b></p> <p style="padding-left: 20px;">1a. CPHST to serve as clearing house to provide advice and guidance for PRA development.</p> <p>2. Initiate a risk assessment to identify the risk of spreading KB through wheat processing procedures. <b>Ron Sequeira (PPQ)</b></p> <p>3. Develop and distribute best management practices for TX, AZ, and CA. <b>Kitty Cardwell (CSREES)</b></p> <p>4. Continue studies to develop information needed to establish field spore threshold limits and geographical range limits for the disease. <b>Rick Bennett (ARS)</b></p>	<p>1. Rick Bennett (ARS), Kitty Cardwell (CSREES), Gary Vocke (ERS)</p> <p>2. Rick Bennett (ARS), Kitty Cardwell (CSREES)</p> <p>3. Rick Bennett (ARS), Scott Redlin (PPQ-CPHST)</p> <p>4. ARS</p>	<p>1. 2<sup>nd</sup>. Quarter</p> <p>2. 3<sup>rd</sup> Quarter</p> <p>3. 4<sup>th</sup> Quarter</p> <p>4. Ongoing</p>

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5. Continue studies to develop information regarding the viability and longevity of teliospores in soil. <b>Rick Bennett (ARS)</b>	5. ARS	5. Ongoing
6. Continue studies to develop information to identify optimal temperature/humidity requirements for teliospore development. . <b>Rick Bennett (ARS)</b>	6. ARS	6. Ongoing
7. Initiate development of new, cost effective control methods, including post harvest treatments and seed treatments. <b>Rick Bennett (ARS)</b>	7. ARS, to be determined	7. 4 <sup>th</sup> Quarter

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Goal: FY 2003- Complete negotiation with 25% of the foreign trading partners to remove additional declaration restrictions or 25% of trade requiring the additional declaration.

Year two of the strategic plan will focus on: continuing discussions with category one trading partners to reduce the number of countries requiring the additional declaration; initiating discussions with category two and three countries; facilitating future negotiations with new research information, undertaking initiatives with international organizations, i.e. North American Plant Protection Organization, coalition building with Mexico and South Africa, and the implementing of new technology in the National Survey. Effective and factual communication with trading partners and industry stakeholders will remain critical through the plan.

ISSUE/LEADER/ACTIONS	TEAM	DATE
<p><b>Coordination:</b> Dr. Jim Butler, Deputy Undersecretary, Marketing and Regulatory Programs</p> <p>1. Summarize and prepare a report of 2002 accomplishments.- <b>Bob Spaide (PPQ)</b></p> <p>2. Coordinate an annual assessment of the strategy to assure that the strategy is on track and coordinate preparation of adjustments to the strategic plan. <b>Bob Spaide (PPQ)</b></p>	<p>1. USDA Task Force, NPB, NASDA</p> <p>2. USDA Task Force, NPB</p>	<p>1. 1st. Quarter</p> <p>2. 2<sup>nd</sup>. Quarter</p>
<p><b>Communication:</b> Meghan Thomas, Public Affairs Specialist, Legislative and Public Affairs, APHIS</p> <p>1. Schedule industry and Hill briefings- <b>USDA Mission Areas</b></p> <p>2. Participate in National, Regional, and local industry meetings to provide information about the pathogen, disease etiology, and program activities. <b>USDA Mission Areas</b></p> <p>3. Maintain public relations rapid response capability to deal with new outbreak issues. – <b>Meghan Thomas (LPA)</b></p> <p>4. Maintain KB websites- <b>Joel Floyd (PPQ) and Meghan Thomas (LPA)</b></p> <p>5. Maintain Hotline- 1888-661-8083- <b>Bob Spaide (PPQ)</b></p> <p>6. Coordinate with States and industry public relations and news release information- <b>Meghan Thomas (LPA)</b></p> <p>7. Implement system for 1) timely and effective information sharing, 2) ensuring stakeholder collaboration and cooperation including fact sheets, and public service announcements. <b>Meghan Thomas (LPA)</b></p>	<p>1. USDA, cooperators, and stakeholders</p> <p>2. USDA, cooperators, and stakeholders</p> <p>3. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>4. APHIS-PPQ &amp; LPA</p> <p>5. APHIS-PPQ</p> <p>6. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>7. APHIS- LPA, PPQ, Elizabeth Hill (FSA-DAFP)</p>	<p>1. Ongoing</p> <p>2. Ongoing</p> <p>3. Ongoing</p> <p>4. Ongoing</p> <p>5. Ongoing</p> <p>6. Ongoing</p> <p>7. 1<sup>st</sup> Quarter</p>
<p><b>International Activities:</b> Robert Reimenschneider, Director, Grain and Feed Division, Foreign Agricultural Service</p> <p>1. Expand negotiations, both official and industry with the government and industry representatives to include all countries in the first category. <b>Robert Reimenschneider (FAS)</b></p>	<p>1. FAS, PPQ, APHIS-IS,</p>	<p>1. Ongoing</p>

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<p>2. Initiate communication/negotiations both official and industry with the government and industry representatives with countries in the second and third categories. <b>Robert Reimenschneider (FAS)</b></p> <p>3. Conclude negotiations with Mexico to harmonize KB restrictions. <b>Alan Green (PPQ)</b></p> <p>4. Participate in international meetings to provide KB information and updates and emphasize that KB <i>should not be</i> considered to be a pest of quarantine significance. i.e. NAPPO</p> <p>5. Continue work with North American and other trading partners to initiate development of equivalent KB management programs. <b>Scott Redlin (PPQ)</b></p> <p>6. Maintain effective phytosanitary certification program to meet importing country's phytosanitary requirements. <b>Alan Green (PPQ)</b></p> <p>7. Continue evaluations of alternatives to the area freedom concept to facilitate the export of wheat, such systems approach to "area freedom" to meet importing countries requirements <b>Scott Redlin (PPQ)</b></p> <p>8. Participate in International Phytopathological meeting in New Zealand <b>Rick Bennett (ARS)</b></p>	<p>2. FAS, PPQ, APHIS-IS,</p> <p>3. FAS, APHIS-IS</p> <p>4. Task Force Agencies</p> <p>5. Alan Green (PPQ), Kitty Cardwell (CSREES), Rick Bennett (ARS),</p> <p>6. SEPPC (PPQ)</p> <p>7. Kitty Cardwell (CSREES), Rick Bennett (ARS)</p> <p>8. USDA Task Force</p>	<p>2. 1<sup>st</sup> Quarter</p> <p>3. 3<sup>rd</sup> Quarter</p> <p>4. Ongoing</p> <p>5. Ongoing</p> <p>6. Ongoing</p> <p>7. 1<sup>st</sup> Quarter</p> <p>8. 2<sup>nd</sup> Quarter</p>
<p><b>National Activities:</b> Mike Stefan, Director, SEPPC (PPQ)</p>		
<p style="text-align: center;"><b>Compensation</b></p>		
<p>1. Update current compensation regulations. <b>Bob Spaide (PPQ)</b></p>	<p>1. APHIS-PPD, Elizabeth Hill, Raellen Erickson (FSA-DAFP), Steve Gill or Candy Thompson (FSA- DACO), Mike Hand (FSA- RMA)</p>	<p>1. 2<sup>nd</sup> Quarter</p>
<p style="text-align: center;"><b>Regulations</b></p>		
<p>2. Publish revision 7CFR301.89-3, to reduce the number of regulated areas in NM, TX and CA quarantined because of contaminated seed planted in 1996 and update list of regulated/deregulated areas. <b>Bob Spaide (PPQ)</b></p>	<p>2. APHIS-PPD</p>	<p>2. 1<sup>st</sup> Quarter</p>
<p>3. Publish revision of 7CFR301.89 utilizing updated technological and operational information. <b>Bob Spaide (PPQ)</b></p>	<p>3. APHIS-PPD</p>	<p>3. 1<sup>st</sup> Quarter</p>
<p>4. Initiate discussions with National Association of State Departments (NASDA) of Agriculture and National Plant Board (NPB) to obtain agreement regarding the implementation of exterior state quarantines for KB. <b>Bobby Acord (APHIS)</b></p>	<p>4. PPQ</p>	<p>4. 1<sup>st</sup> Quarter</p>
<p style="text-align: center;"><b>Operations</b></p>		
<p>5. Revise the National Survey Plan to incorporate information obtained from 2002 climatological data. <b>Joel Floyd (PPQ)</b></p>	<p>5. SPRO</p>	<p>5. 1<sup>st</sup> Quarter</p>



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<p style="text-align: center;"><b>Economic Assessment</b></p> <p>6. Revise the economic analysis of unilateral deregulation to incorporate a 4 year program phase-out.</p>	<p>6. ERS</p>	<p>7. 3<sup>rd</sup> Quarter</p>
<p><b>Scientific Support:</b> Rick Bennett, National Program Leader, ARS</p> <p>1. Continue to be the repository for cataloging existing risk assessments and clearing house to provide advice and guidance for PRA development. <b>Ron Sequeira (PPQ)</b></p> <p>2. Complete the preparation a risk assessment identifying the risk of spreading KB through wheat processing procedures. <b>Ron Sequeira (PPQ)</b></p> <p>3. Initiate risk assessment using climatological models to determine host range characteristics for KB. <b>Ron Sequeira (PPQ)</b></p> <p>4. Update information for best management practices for TX, AZ, and CA. <b>Kitty Cardwell (CSREES)</b></p> <p>5. Continue studies to develop information needed to establish field spore threshold limits and geographical range limits for the disease. <b>Rick Bennett (ARS)</b></p> <p>6. Continue studies to develop information regarding the viability and longevity of teliospores in soil. <b>Rick Bennett (ARS)</b></p> <p>7. Continue studies to develop information to identify optimal temperature/humidity requirements for teliospore development. . <b>Rick Bennett (ARS)</b></p> <p>8. Continue work on the development of new, cost effective control methods, including post harvest treatments and seed treatments. <b>Rick Bennett (ARS)</b></p>	<p>1. Rick Bennett (ARS), Kitty Cardwell (CSREES), Gary Volke (ERS)</p> <p>2. Rick Bennett (ARS), Kitty Cardwell (CSREES)</p> <p>3. Rick Bennett (ARS), Kitty Cardwell</p> <p>4. Rick Bennett (ARS), Scott Redlin (PPQ)</p> <p>5. ARS, Scott Redlin (PPQ)</p> <p>6. ARS, Scott Redlin (PPQ)</p> <p>7. ARS, Scott Redlin (PPQ)</p> <p>8. ARS, Scott Redlin (PPQ), to be determined</p>	<p>1. Ongoing</p> <p>2. 3<sup>rd</sup> Quarter</p> <p>3. 2<sup>nd</sup> Quarter</p> <p>4. 3<sup>rd</sup> Quarter</p> <p>5. Ongoing</p> <p>6. Ongoing</p> <p>7. Ongoing</p> <p>8. Ongoing</p>

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Goal: FY 2004- Complete negotiation with 50% of the foreign trading partners to remove additional declaration restrictions or 50% of trade requiring the additional declaration.

Year three of the strategic plan will focus on continuing discussions with category one trading partners to reduce the number of countries requiring the additional declaration; expanding discussions with category two and three countries; initiating discussions with category four and five countries; continuation of research initiatives; initiatives with international organizations, i.e. North American Plant Protection Organization will continue; and initiate the assessment process for the rulemaking process for deregulation. Effective and factual communication with trading partners and industry stakeholders will remain critical through the plan.

ISSUE/LEADER/ACTIONS	TEAM	DATE
<p><b>Coordination:</b> Dr. Jim Butler, Deputy Undersecretary, Marketing and Regulatory Programs</p> <p>1. Summarize and prepare a report of 2003 accomplishments.- <b>Bob Spaide (PPQ)</b></p> <p>2. Coordinate an annual assessment of the strategy to assure that the strategy is on track and coordinate preparation of adjustments to the strategic plan. <b>Bob Spaide (PPQ)</b></p>	<p>1. USDA Task Force, NPB, NASDA</p> <p>2. USDA Task Force, NPB</p>	<p>1. 1st. Quarter</p> <p>2. 2<sup>nd</sup>. Quarter</p>
<p><b>Communication:</b> Meghan Thomas, Public Affairs, Legislative and Public Affairs, APHIS</p> <p>1. Schedule industry and Hill briefings- <b>USDA Mission Areas</b></p> <p>2. Participate in National, Regional, and local industry meetings to provide information about the pathogen, disease etiology, and program activities. <b>USDA Mission Areas</b></p> <p>3. Maintain public relations rapid response capability to deal with new outbreak issues. - <b>Meghan Thomas (LPA)</b></p> <p>4. Maintain KB websites- <b>Joel Floyd (PPQ), Meghan Thomas (LPA)</b></p> <p>5. Maintain Hotline- 1888-661-8083- <b>Bob Spaide (PPQ)</b></p> <p>6. Coordinate with States and industry public relations and news release information- <b>Meghan Thomas (LPA)</b></p> <p>7. Maintain system for 1) timely and effective information sharing, 2) ensuring stakeholder collaboration and cooperation including fact sheets, public service announcements, and customer surveys. <b>Meghan Thomas (LPA)</b></p>	<p>1. USDA, cooperators, and stakeholders</p> <p>2. USDA, cooperators, and stakeholders</p> <p>3. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>4. APHIS-PPQ &amp; LPA</p> <p>5. APHIS-PPQ</p> <p>6. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>7. APHIS- LPA, PPQ, Elizabeth Hill (FSA-DAFP)</p>	<p>1. Ongoing</p> <p>2. Ongoing</p> <p>3. Ongoing</p> <p>4. Ongoing</p> <p>5. Ongoing</p> <p>6. Ongoing</p> <p>7. Ongoing</p>
<p><b>International Activities:</b> Robert Reimenschneider, Director, Grain and Feed Division, Foreign Agricultural Service</p> <p>1. Continue negotiations, both official and industry with the government and industry representatives to include all countries in the first category. <b>Robert Reimenschneider (FAS)</b></p>	<p>1. FAS, PPQ, APHIS-IS</p>	<p>1. Ongoing</p>

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<p>2. Expand communication/negotiations both official and industry with the government and industry representatives with countries in the second and third categories. <b>Robert Reimenschneider (FAS)</b></p> <p>3. Initiate communication/negotiations both official and industry with the government and industry representatives with countries in the in categories four and five. <b>Robert Reimenschneider (FAS)</b></p> <p>4. Participate in international meetings to provide KB information and updates and emphasize that KB is not considered a pest of quarantine significance. i.e. NAPPO</p> <p>5. Complete work with North American and other trading partners to initiate development of equivalent KB management programs. <b>Scott Redlin (PPQ)</b></p> <p>6. Maintain effective phytosanitary certification program to meet importing country's phytosanitary requirements. <b>Alan Green (PPQ)</b></p> <p>7. Complete evaluations of alternatives, such systems approach to "area freedom" to meet importing countries requirements. <b>Scott Redlin (PPQ)</b></p>	<p>2. FAS, PPQ, APHIS-IS</p> <p>3. FAS, APHIS-IS</p> <p>4. Task Force Agencies</p> <p>5. Kitty Cardwell (CSREES), Rick Bennett (ARS),</p> <p>6. SEPPC (PPQ)</p> <p>7. Kitty Cardwell (CSREES), Rick Bennett (ARS)</p>	<p>2. 1<sup>st</sup> Quarter</p> <p>3. 1<sup>st</sup> Quarter</p> <p>4. Ongoing</p> <p>5. 2<sup>nd</sup> Quarter</p> <p>6. Ongoing</p> <p>7. 2<sup>nd</sup> Quarter</p>
<p><b><u>National Activities:</u></b> Mike Stefan, Director, SEPPC (PPQ)</p> <p style="text-align: center;"><b>Compensation</b></p> <p>1. Update current compensation regulations. <b>Bob Spaide (PPQ)</b></p> <p style="text-align: center;"><b>Regulations</b></p> <p>2. Publish Notice of Proposed Rulemaking for rescinding 7CFR301.89.</p> <p>3. Continue discussions with NASDA and NPB to obtain agreement regarding the implementation of exterior state quarantines for KB. <b>Bobby Acord (APHIS)</b></p> <p style="text-align: center;"><b>Operations</b></p> <p>4. Revise the National Survey Plan to incorporate information obtained from technological advances. <b>Joel Floyd (PPQ)</b></p>	<p>1. APHIS-PPD, Elizabeth Hill, Raellen Erickson (FSA-DAFP), Steve Gill or Candy Thompson (FSA- DACO), Mike Hand (FSA- RMA)</p> <p>2. APHIS-PPD</p> <p>3. PPQ</p> <p>4. SPROs, Rick Bennettt (ARS)</p>	<p>1. 2<sup>nd</sup> Quarter</p> <p>2. 2<sup>nd</sup> Quarter</p> <p>3. Ongoing</p> <p>4. 1<sup>st</sup> Quarter</p>
<p><b><u>Scientific Support:</u></b> Rick Bennett, National Program Leader, ARS</p> <p>1. Continue to be the repository for cataloging existing risk assessments and clearing house to provide advice and guidance for PRA development.- <b>Ron Sequeira (PPQ-CPHST)</b></p> <p>2. Update and distribute information for best management practices for TX, AZ, and CA. <b>Kitty Cardwell (CSREES)</b></p>	<p>Rick Bennett (ARS), Kitty Cardwell (CSREES), Gary Volke (ERS)</p> <p>2. Rick Bennett (ARS), Scott Redlin (PPQ)</p>	<p>1. Ongoing</p> <p>2. Ongoing</p>

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3. Complete risk assessment using climatological models to determine host range characteristics for KB. <b>Ron Sequeira (PPQ)</b>	3. Rick Bennett (ARS), Kitty Cardwell (CSREES)	3. 4 <sup>th</sup> Quarter
4. Complete studies to develop information needed to establish field spore threshold limits and geographical range limits for the disease. <b>Rick Bennett (ARS)</b>	4. ARS, Scott Redlin (PPQ)	4. 4 <sup>th</sup> Quarter
5. Complete studies to develop information regarding the viability and longevity of teliospores in soil. <b>Rick Bennett (ARS)</b>	5. ARS, Scott Redlin (PPQ)	5. 4 <sup>th</sup> Quarter
6. Complete studies to develop information to identify optimal temperature/humidity requirements for teliospore development. . <b>Rick Bennett (ARS)</b>	6. ARS, Scott Redlin (PPQ)	6. 4 <sup>th</sup> Quarter
7. Continue work on the development of new, cost effective control methods, including post harvest treatments and seed treatments. <b>Rick Bennett (ARS)</b>	7. ARS, Scott Redlin (PPQ),to be determined	7. Ongoing

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FY 2005- Complete discussions with category one trading partners and final discussions with remaining categories

Year four of the strategic plan will focus on completing discussions with category one trading partners and final discussions with categories 2-5; reduction of research activities; participation with international organizations, i.e. North American Plant Protection Organization will continue; and continuation of the rulemaking process for deregulation. Effective and factual communication with trading partners and industry stakeholders will remain critical through the plan.

ISSUE/LEADER/ACTIONS	TEAM	DATE
<p><b>Coordination:</b> Dr. Jim Butler, Deputy Undersecretary, Marketing and Regulatory Programs</p> <p>1. Summarize and prepare a report of 2004 accomplishments.- <b>Bob Spaide (PPQ)</b></p> <p>2. Coordinate an annual assessment of the strategy to assure that the strategy is on track and coordinate preparation of adjustments to the strategic plan. <b>Bob Spaide (PPQ)</b></p>	<p>1. USDA Task Force, NPB, NASDA</p> <p>2. USDA Task Force, NPB</p>	<p>1. 1st. Quarter</p> <p>2. 2<sup>nd</sup>. Quarter</p>
<p><b>Communication:</b> Meghan Thomas, Public Affairs, Legislative and Public Affairs, APHIS</p> <p>1. Schedule industry and Hill briefings- <b>USDA Mission Areas</b></p> <p>2. Participate in National, Regional, and local industry meetings to provide information about the pathogen, disease etiology, and program activities. <b>USDA Mission Areas</b></p> <p>3. Maintain public relations rapid response capability to deal with new outbreak issues. - <b>Meghan Thomas (LPA)</b></p> <p>4. Maintain KB websites- <b>Joel Floyd(PPQ), Meghan Thomas (LPA)</b></p> <p>5. Maintain Hotline- 1888-661-8083- <b>Bob Spaide (PPQ)</b></p> <p>6. Coordinate with States and industry public relations and news release information- <b>Meghan Thomas (LPA)</b></p> <p>7. Maintain system for 1) timely and effective information sharing, 2) ensuring stakeholder collaboration and cooperation including fact sheets, public service announcements, and customer surveys. <b>Meghan Thomas (LPA)</b></p> <p>8. Develop communication plan for deregulation announcement. <b>Meghan Thomas (LPA)</b></p> <p>9. Communicate information about equivalent KB management programs. <b>Kitty Cardwell (CSREES)</b></p>	<p>1. USDA, cooperators, and stakeholders</p> <p>2. USDA, cooperators, and stakeholders</p> <p>3. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>4. APHIS-PPQ &amp; LPA</p> <p>5. APHIS-PPQ</p> <p>6. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>7. APHIS- LPA, PPQ, Elizabeth Hill (FSA-DAFP)</p> <p>8. LPA</p> <p>9. APHIS-LPA</p>	<p>1. Ongoing</p> <p>2. Ongoing</p> <p>3. Ongoing</p> <p>4. Ongoing</p> <p>5. Ongoing</p> <p>6. Ongoing</p> <p>7. Ongoing</p> <p>8. 4<sup>th</sup> Quarter</p> <p>9. 3<sup>rd</sup> Quarter</p>

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<p><b>International Activities:</b> Robert Reimenschneider, Director, Grain and Feed Division, Foreign Agricultural Service</p> <p>1. Complete negotiations, both official and industry with the government and industry representatives to include all countries in the first category. <b>Robert Reimenschneider (FAS)</b></p> <p>2. Continue communication/negotiations, both official and industry with the government and industry representatives with countries in the second and third categories. <b>Robert Reimenschneider (FAS)</b></p> <p>3. Continue communication/negotiations, both official and industry with the government and industry representatives with countries in the in categories four and five. <b>Robert Reimenschneider (FAS)</b></p> <p>4. Participate in international meetings to provide KB information and updates and emphasize that KB is not considered a pest of quarantine significance. i.e. NAPPO. <b>USDA Mission Areas</b></p> <p>5. Maintain effective phytosanitary certification program to meet importing country's phytosanitary requirements. <b>Alan Green (PPQ)</b></p>	<p>1. FAS, PPQ, APHIS-IS,</p> <p>2. FAS, PPQ, APHIS-IS,</p> <p>3. FAS, APHIS-IS</p> <p>4. Task Force Agencies</p> <p>5. SEPPC (PPQ)</p>	<p>1. 4<sup>th</sup> Quarter</p> <p>2. Ongoing</p> <p>3. Ongoing</p> <p>4. Ongoing</p> <p>5. Ongoing</p>
<p><b>National Activities:</b> Mike Stefan, Director, SEPPC (PPQ)</p> <p style="text-align: center;"><b>Compensation</b></p> <p>No actions proposed</p> <p style="text-align: center;"><b>Regulations</b></p> <p>1. Complete review and responses to comments received from publication of the Notice for Proposed Rulemaking. <b>Bob Spaide (PPQ)</b></p> <p>2. Complete discussions with NASDA and NPB to obtain agreement regarding the implementation of exterior state quarantines for KB. <b>Bobby Acord (APHIS)</b></p> <p style="text-align: center;"><b>Operations</b></p> <p>3. Revise the National Survey Plan considering advances in equivalent management systems and best management practices. <b>Joel Floyd (PPQ)</b></p>	<p>1. APHIS-PPD</p> <p>2. PPQ</p> <p>3. SPRO, Rick Bennett (ARS)</p>	<p>1. 2<sup>nd</sup> Quarter</p> <p>2. 4<sup>th</sup> Quarter</p> <p>3. 1<sup>st</sup> Quarter</p>
<p><b>Scientific Support:</b> Rick Bennett, National Program Leader, ARS</p> <p>1. Continue to be the repository for cataloging existing risk assessments and clearing house to provide advice and guidance for PRA development.- <b>Ron Sequeira (PPQ-CPHST)</b></p> <p>2. Update information for best management practices for TX, AZ, and CA. <b>Kitty Cardwell (CSREES)</b></p>	<p>1. Rick Bennett (ARS), Kitty Cardwell (CSREES), Gary Volke (ERS)</p> <p>2. Rick Bennett (ARS), Scott Redlin (PPQ)</p>	<p>1. Ongoing</p> <p>2. Ongoing</p>

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3. Continue work on the development of new, cost effective control methods, including post harvest treatments and seed treatments. <b>Rick Bennett (ARS)</b>	3. ARS, Scott Redlin (PPQ),to be determined	3. Ongoing
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**Karnal Bunt Strategic Plan  
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FY 2006- Complete discussions with country categories 2-5

Year five of the strategic plan will focus on completing discussions with the remaining country categories; participation with international organizations, i.e. North American Plant Protection Organization will continue; and continue the rulemaking process for overcoming KB as a quarantine pest. Effective and factual communication with trading partners and industry stakeholders will remain critical through the plan.

ISSUE/LEADER/ACTIONS	TEAM	DATE
<p><b>Coordination:</b> Dr. Jim Butler, Deputy Undersecretary, Marketing and Regulatory Programs</p> <p>1. Summarize and prepare a report of 2005 accomplishments.- <b>Bob Spaide (PPQ)</b></p> <p>2. Coordinate an annual assessment of the strategy to assure that the strategy is on track and coordinate preparation of adjustments to the strategic plan. <b>Bob Spaide (PPQ)</b></p>	<p>1. USDA Task Force, NPB, NASDA</p> <p>2. USDA Task Force, NPB</p>	<p>1. 1st. Quarter</p> <p>2. 2<sup>nd</sup>. Quarter</p>
<p><b>Communication:</b> Meghan Thomas, Director, Public Affairs, Legislative and Public Affairs, APHIS</p> <p>1. Schedule industry and Hill briefings- <b>USDA Mission Areas</b></p> <p>2. Participate in National, Regional, and local industry meetings to provide information about the pathogen, disease etiology, and program activities. <b>USDA Mission Areas</b></p> <p>3. Maintain public relations rapid response capability to deal with new outbreak issues. – <b>Meghan Thomas (LPA)</b></p> <p>4. Maintain KB websites- <b>Joel Floyd (PPQ), Meghan Thomas (LPA)</b></p> <p>5. Maintain Hotline- 1888-661-8083- <b>Bob Spaide (PPQ)</b></p> <p>6. Coordinate with States and industry public relations and news release information- <b>Meghan Thomas (LPA)</b></p> <p>7. Maintain system for 1) timely and effective information sharing, 2) ensuring stakeholder collaboration and cooperation including fact sheets, public service announcements, and customer surveys. <b>Meghan Thomas (LPA)</b></p> <p>8. Implement deregulation communication plan- <b>Meghan Thomas (LPA)</b></p>	<p>1. USDA, cooperators, and stakeholders</p> <p>2. USDA, cooperators, and stakeholders</p> <p>3. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>4. APHIS-PPQ &amp; LPA</p> <p>5. APHIS-PPQ</p> <p>6. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>7. APHIS- LPA, PPQ, Elizabeth Hill (FSA-DAFP)</p> <p>8. Elizabeth Hill (FSA-DAFP)</p>	<p>1. Ongoing</p> <p>2. Ongoing</p> <p>3. Ongoing</p> <p>4. Ongoing</p> <p>5. Ongoing</p> <p>6. Ongoing</p> <p>7. Ongoing</p> <p>8. 3<sup>rd</sup> Quarter</p>



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<p><b>International Activities:</b> Robert Reimenschneider, Director, Grain and Feed Division, Foreign Agricultural Service</p> <p>1. Complete communication/negotiations, both official and industry with the government and industry representatives with countries in the second and third categories. <b>Robert Reimenschneider (FAS)</b></p> <p>2. Complete communication/negotiations, both official and industry with the government and industry representatives with countries in the in categories four and five. <b>Robert Reimenschneider (FAS)</b></p> <p>3. Participate in international meetings to provide KB information and updates and emphasize that KB is not considered a pest of quarantine significance. i.e. NAPPO. <b>USDA Mission Areas</b></p> <p>4. Maintain effective phytosanitary certification program to meet importing country's phytosanitary requirements. <b>Alan Green (PPQ)</b></p>	<p>1. FAS, PPQ, APHIS-IS,</p> <p>2. FAS, APHIS-IS</p> <p>3. Task Force Agencies</p> <p>4. SEPPC (PPQ)</p>	<p>1. 4<sup>th</sup> Quarter</p> <p>2. 4<sup>th</sup> Quarter</p> <p>4. Ongoing</p> <p>5. Ongoing</p>
<p><b>National Activities:</b> Mike Stefan, Director, SEPPC (PPQ)</p> <p style="text-align: center;"><b>Compensation</b></p> <p>No actions proposed</p> <p style="text-align: center;"><b>Regulations</b></p> <p>1. Prepare proposed rule to rescind 7CFR301.89- <b>Bob Spaide (PPQ)</b></p> <p style="text-align: center;"><b>Operations</b></p> <p>2. Discontinue National Survey</p>	<p>1. APHIS-PPD</p>	<p>1. 1<sup>st</sup> Quarter</p>
<p><b>Scientific Support:</b> Rick Bennett, National Program Leader, ARS</p> <p>1. Continue to be the repository for cataloging existing risk assessments and clearing house to provide advice and guidance for PRA development.- <b>Ron Sequeira (PPQ)</b></p> <p>2. Update information for best management practices for TX, AZ, and CA. <b>Kitty Cardwell (CSREES)</b></p> <p>3. Complete work on the development of new, cost effective control methods, including post harvest treatments and seed treatments. <b>Rick Bennett (ARS)</b></p>	<p>1. Rick Bennett (ARS), Kitty Cardwell (CSREES), Gary Volke (ERS)</p> <p>2. ARS, Scott Redlin (PPQ)</p> <p>3. ARS, Scott Redlin (PPQ), to be determined</p>	<p>1. Ongoing</p> <p>2. 3<sup>rd</sup> Quarter</p> <p>3. 4<sup>th</sup> Quarter</p>

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FY 2007- Rescind USDA quarantine regulations for Karnal bunt

Year six of the strategic plan will focus on completing the actions necessary to rescind 7CFR301.89. Effective and factual communication with trading partners and industry stakeholders will remain critical through the plan.

ISSUE/LEADER/ACTIONS	TEAM	DATE
<p><b>Coordination:</b> Dr. Jim Butler, Deputy Undersecretary, Marketing and Regulatory Programs</p> <p>1. Summarize and prepare a report of 2006 accomplishments.- <b>Bob Spaide</b></p> <p>2. Coordinate an annual assessment of the strategy to assure that the strategy is on track and coordinate preparation of adjustments to the strategic plan. <b>Bob Spaide (PPQ)</b></p>	<p>1. USDA Task Force, NPB, NASDA</p> <p>2. USDA Task Force, NPB</p>	<p>1. 1st. Quarter</p> <p>2. 2<sup>nd</sup>. Quarter</p>
<p><b>Communication:</b> Meghan Thomas, Public Affairs, Legislative and Public Affairs, APHIS</p> <p>1. Schedule industry and Hill briefings- <b>USDA Mission Areas</b></p> <p>2. Participate in National, Regional, and local industry meetings to provide information about the pathogen, disease etiology, and program activities. <b>USDA Mission Areas</b></p> <p>3. Maintain KB websites- <b>Joel Floyd (PPQ), Meghan Thomas (LPA)</b></p> <p>4. Maintain Hotline- 1888-661-8083- <b>Bob Spaide (PPQ)</b></p> <p>5. Coordinate with States and industry public relations and news release information- <b>Meghan Thomas (LPA)</b></p> <p>6. Maintain system for 1) timely and effective information sharing, 2) ensuring stakeholder collaboration and cooperation including fact sheets, public service announcements, and customer surveys. <b>Meghan Thomas (LPA)</b></p>	<p>1. USDA, cooperators, and stakeholders</p> <p>2. USDA, cooperators, and stakeholders</p> <p>3. APHIS-PPQ &amp; LPA</p> <p>4. APHIS-PPQ</p> <p>5. APHIS-LPA, Elizabeth Hill (FSA-DAFP)</p> <p>6. APHIS- LPA, PPQ, Elizabeth Hill (FSA-DAFP)</p>	<p>1. Ongoing</p> <p>2. Ongoing</p> <p>3. Ongoing</p> <p>4. 4<sup>th</sup> Quarter</p> <p>5. Ongoing</p> <p>6. Ongoing</p>
<p><b>International Activities:</b> Robert Reimenschneider, Director, Grain and Feed Division, Foreign Agricultural Service</p> <p>1. Continue to monitor international concerns about KB.</p>	<p>1. Alan Green (PPQ), APHIS-IS</p>	<p>1. Ongoing</p>
<p><b>National Activities:</b> Mike Stefan, Director, SEPPC</p> <p style="text-align: center;"><b>Compensation</b></p> <p>1. No actions proposed</p> <p style="text-align: center;"><b>Regulations</b></p> <p>2. Publish Final Rule rescinding 7CFR301.89- <b>Bob Spaide (PPQ)</b></p> <p style="text-align: center;"><b>Operations</b></p> <p>3. Maintain effective export certification program to meet importing country's phytosanitary requirements. <b>Alan Green (PPQ)</b></p>	<p>1. APHIS-PPD</p> <p>2. SPRO</p>	<p>1. 4<sup>th</sup> Quarter</p> <p>2. Ongoing</p>

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<b>Scientific Support:</b> Rick Bennett, National Program Leader, ARS  1. No actions proposed		
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