



2012 PRODUCT GUIDE

9330 Zionsville Road
Indianapolis, IN 46268

www.mycogen.com
1-800-MYCOGEN

Science. Yield. Success.™



2012 PRODUCT GUIDE

GRAIN CORN SILAGE-SPECIFIC™ CORN SOYBEANS
SUNFLOWERS CANOLA ALFALFA SORGHUM

Mycogen Seeds reserves the right to substitute product at its discretion in the event of crop or allocation shortages. The Buyer may accept or reject the substitute product at the point of offer. Mycogen Seeds shall not be liable for any breach of warranty or breach of contract claims in connection with unavailable product.

Mycogen Seeds warrants that the seed sold by it conforms to the label description thereon within tolerances established or permitted by law. MYCOGEN SEEDS MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. It is expressly agreed that Mycogen Seeds' liability for any loss or damage arising out of or relating to the purchase or use of its products, including but not limited to liability arising out of breach of contract, breach of warranty or negligence shall be limited solely to the amount of the purchase price for the seed. This remedy is exclusive. In no event shall Mycogen Seeds be liable for any incidental or consequential damages including loss of profits.

Mycogen Seeds utilizes isolation and purity measures in the production of its seed products. Because of factors beyond its control, Mycogen Seeds does not represent or warrant that any Mycogen Seeds products are free of any genetically modified materials or organisms.

These terms and conditions of sale are in addition to those contained in Mycogen Seeds sale documents (e.g., order forms) and on Mycogen Seeds product packaging and labeling.

TRADEMARK OWNERSHIP:

Trademarks of Mycogen Corporation: Mycogen, Mycogen Logo, Silage-Specific, Silage-Specific Logo, Hi-Ton

Trademarks of Dow AgroSciences LLC: Cobalt, Cobalt Logo, DMA, Durango, Durango Logo, Herculex, Herculex Shield Logo, Instinct, Instinct Logo, Lorsban, Lorsban Logo, Nexera, Nexera Logo, N-Serve, N-Serve Logo, Omega-9 Oils Heart Trustmark Logo, PropiMax, PropiMax Logo, "Science. Yield. Success.", Sonalan, Sonalan Logo, Sonic, Sonic Logo, Starane, Starane Logo, Stinger, Stinger Logo, SureStart, SureStart Logo, "Technology for Traits"

Trademarks of Monsanto Company: Cleaner Fields, Higher Yields, Genuity, Genuity Logo and Design, Roundup, Roundup Ready, Roundup Ready Logo and Design, Roundup Ready 2 Technology, Roundup Ready 2 Yield, Roundup PowerMAX, Roundup PowerMAX Logo, SmartStax, SmartStax Logo, YieldGard, YieldGard Logo, YieldGard VT Triple, YieldGard VT Triple Logo, Roundup Rewards

Trademarks of BASF Corporation: CLEARFIELD, CLEARFIELD Logo, Beyond

Trademark of E.I. DuPont Nemours and Company: STS

Trademarks of Syngenta Crop Protection Inc.: Bicep, Dual, Concep, Concep Logo, Cruiser, Cruiser Logo, ApronMaxx, Cruiser Extreme, Cruiser Extreme Logo, CruiserMaxx, CruiserMaxx Logo, Maxim, Apron XL, Dynasty, Helix Xtra, Helix Xtra Logo

CruiserMaxx Beans is one or more separately registered products or combination of products containing the following: CruiserMaxx; CruiserMaxx and Apron XL; Cruiser, Maxim and Apron XL; or Cruiser and an ApronMaxx brand fungicide. CruiserMaxx Sunflower is a seed company applied promotional combination of four separately registered products: Cruiser, Dynasty, Apron XL and Maxim 4FS.

Refer to the CruiserMaxx Sunflower seed treatment statement on the seed bag tag for restrictions on planting Cruiser treated sunflower seed. Sunflower seeds treated with CruiserMaxx Sunflower must be planted at a minimum depth of 1 inch.

Trademarks of Bayer CropScience: IGNITE, LibertyLink, LibertyLink Logo

Trademark of the National Sunflower Association: NuSun, NuSun Logo

Trademarks of the National Corn Growers Association: Know Before You Grow, Know Before You Grow Logo, Respect the Refuge Logo

Seeds containing the Roundup Ready trait and the Genuity Roundup Ready 2 Yield trait are protected under numerous United States patents, including Patent No. RE39,247. It is unlawful to save Roundup Ready Soybeans or Genuity Roundup Ready 2 Yield Soybeans for planting or transfer to others for use as a planting seed.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Products that contain Monsanto technology have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

*SmartStax™ multi-event technology developed by Dow AgroSciences and Monsanto.

Always follow grain marketing and IRM requirements and pesticide label directions. B.I. products may not be registered in all states. Check with your seed representative for the registration status in your state.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup brand agricultural herbicides. Roundup brand agricultural herbicides will kill crops that are not tolerant to glyphosate.



Before opening a bag of seed, be sure to read and understand the stewardship requirements, **including applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed as set forth in the Dow AgroSciences Grower Agreement and the Monsanto Technology Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

©2010 Mycogen Seeds. Mycogen Seeds is an affiliate of Dow AgroSciences LLC.

Herculex *Insect Protection* technology by Dow AgroSciences and Pioneer Hi-Bred.

Cobalt, Lorsban Advanced, Lorsban-4E and Bicep are federally Restricted Use Pesticides. Stinger is not registered for sale, distribution or use in Nassau and Suffolk counties in the state of New York. Do not fall-apply anhydrous ammonia south of Highway 16 in the state of Illinois. Cobalt, Durango DMA, Instinct, PropiMax, Sonic, Starane Ultra and SureStart are not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. State restrictions on the sale and use of Stinger apply. Consult the label before purchase or use for full details. In Mississippi, refer to the Lorsban Advanced and Lorsban-4E product labels for use restrictions on certain crops. Always read and follow label directions.

S01-000-172 (07/10) BR 010-12537 MYCOGENL0058

Science. Yield. Success.™





2012 PRODUCT GUIDE

9330 Zionsville Road
Indianapolis, IN 46268

www.mycogen.com
1-800-MYCOGEN

Science. Yield. Success.™

Mycogen Seeds reserves the right to substitute product at its discretion in the event of crop or allocation shortages. The Buyer may accept or reject the substitute product at the point of offer. Mycogen Seeds shall not be liable for any breach of warranty or breach of contract claims in connection with unavailable product.

Mycogen Seeds warrants that the seed sold by it conforms to the label description thereon within tolerances established or permitted by law. MYCOGEN SEEDS MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. It is expressly agreed that Mycogen Seeds' liability for any loss or damage arising out of or relating to the purchase or use of its products, including but not limited to liability arising out of breach of contract, breach of warranty or negligence shall be limited solely to the amount of the purchase price for the seed. This remedy is exclusive. In no event shall Mycogen Seeds be liable for any incidental or consequential damages including loss of profits.

Mycogen Seeds utilizes isolation and purity measures in the production of its seed products. Because of factors beyond its control, Mycogen Seeds does not represent or warrant that any Mycogen Seeds products are free of any genetically modified materials or organisms.

These terms and conditions of sale are in addition to those contained in Mycogen Seeds sale documents (e.g., order forms) and on Mycogen Seeds product packaging and labeling.

TRADEMARK OWNERSHIP:

Trademarks of Mycogen Corporation: Mycogen, Mycogen Logo, Silage-Specific, Silage-Specific Logo, Hi-Ton

Trademarks of Dow AgroSciences LLC: Cobalt, Cobalt Logo, DMA, Durango, Durango Logo, Herculex, Herculex Shield Logo, Instinct, Instinct Logo, Lorsban, Lorsban Logo, Nexera, Nexera Logo, N-Serve, N-Serve Logo, Omega-9 Oils Heart Trustmark Logo, PropiMax, PropiMax Logo, "Science. Yield. Success.", Sonalan, Sonalan Logo, Sonic, Sonic Logo, Starane, Starane Logo, Stinger, Stinger Logo, SureStart, SureStart Logo, "Technology for Traits"

Trademarks of Monsanto Company: Cleaner Fields, Higher Yields, Genuity, Genuity Logo and Design, Roundup, Roundup Ready, Roundup Ready Logo and Design, Roundup Ready 2 Technology, Roundup Ready 2 Yield, Roundup PowerMAX, Roundup PowerMAX Logo, SmartStax, SmartStax Logo, YieldGard, YieldGard Logo, YieldGard VT Triple, YieldGard VT Triple Logo, Roundup Rewards

Trademarks of BASF Corporation: CLEARFIELD, CLEARFIELD Logo, Beyond

Trademark of E.I. DuPont Nemours and Company: STS

Trademarks of Syngenta Crop Protection Inc.: Bicep, Dual, Concep, Concep Logo, Cruiser, Cruiser Logo, ApronMaxx, Cruiser Extreme, Cruiser Extreme Logo, CruiserMaxx, CruiserMaxx Logo, Maxim, Apron XL, Dynasty, Helix XTra, Helix XTra Logo

CruiserMaxx Beans is one or more separately registered products or combination of products containing the following: CruiserMaxx; CruiserMaxx and Apron XL; Cruiser, Maxim and Apron XL; or Cruiser and an ApronMaxx brand fungicide. CruiserMaxx Sunflower is a seed company applied promotional combination of four separately registered products: Cruiser, Dynasty, Apron XL and Maxim 4FS.

Refer to the CruiserMaxx Sunflower seed treatment statement on the seed bag tag for restrictions on planting Cruiser treated sunflower seed. Sunflower seeds treated with CruiserMaxx Sunflower must be planted at a minimum depth of 1 inch.

Trademarks of Bayer CropScience: IGNITE, LibertyLink, LibertyLink Logo

Trademark of the National Sunflower Association: NuSun, NuSun Logo

Trademarks of the National Corn Growers Association: Know Before You Grow, Know Before You Grow Logo, Respect the Refuge Logo

Seeds containing the Roundup Ready trait and the Genuity Roundup Ready 2 Yield trait are protected under numerous United States patents, including Patent No. RE39,247. It is unlawful to save Roundup Ready Soybeans or Genuity Roundup Ready 2 Yield Soybeans for planting or transfer to others for use as a planting seed.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Products that contain Monsanto technology have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

*SmartStax™ multi-event technology developed by Dow AgroSciences and Monsanto.

Always follow grain marketing and IRM requirements and pesticide label directions. B.1. products may not be registered in all states. Check with your seed representative for the registration status in your state.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup brand agricultural herbicides. Roundup brand agricultural herbicides will kill crops that are not tolerant to glyphosate.



Before opening a bag of seed, be sure to read and understand the stewardship requirements, **including applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed as set forth in the Dow AgroSciences Grower Agreement and the Monsanto Technology Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

©2010 Mycogen Seeds. Mycogen Seeds is an affiliate of Dow AgroSciences LLC.

Herculex *Insect Protection* technology by Dow AgroSciences and Pioneer Hi-Bred.

Cobalt, Lorsban Advanced, Lorsban-4E and Bicep are federally Restricted Use Pesticides. Stinger is not registered for sale, distribution or use in Nassau and Suffolk counties in the state of New York. Do not fall-apply anhydrous ammonia south of Highway 16 in the state of Illinois. Cobalt, Durango DMA, Instinct, PropiMax, Sonic, Starane Ultra and SureStart are not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. State restrictions on the sale and use of Stinger apply. Consult the label before purchase or use for full details. In Mississippi, refer to the Lorsban Advanced and Lorsban-4E product labels for use restrictions on certain crops. Always read and follow label directions.

S01-000-172 (07/10) BR 010-12537 MYCOGENL0058

2012 PRODUCT GUIDE

GRAIN CORN SILAGE-SPECIFIC™ CORN SOYBEANS
SUNFLOWERS CANOLA ALFALFA SORGHUM



Science. Yield. Success.™



2012 PRODUCT GUIDE

9330 Zionsville Road
 Indianapolis, IN 46268

www.mycogen.com
 1-800-MYCOGEN

Science. Yield. Success.™ Dow AgroSciences

2012 PRODUCT GUIDE

Mycogen Seeds reserves the right to substitute product at its discretion in the event of crop or allocation shortages. The Buyer may accept or reject the substitute product at the point of offer. Mycogen Seeds shall not be liable for any breach of warranty or breach of contract claims in connection with unavailable product.

Mycogen Seeds warrants that the seed sold by it conforms to the label description thereon within tolerances established or permitted by law. MYCOGEN SEEDS MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. It is expressly agreed that Mycogen Seeds' liability for any loss or damage arising out of or relating to the purchase or use of its products, including but not limited to liability arising out of breach of contract, breach of warranty or negligence shall be limited solely to the amount of the purchase price for the seed. This remedy is exclusive. In no event shall Mycogen Seeds be liable for any incidental or consequential damages including loss of profits.

Mycogen Seeds utilizes isolation and purity measures in the production of its seed products. Because of factors beyond its control, Mycogen Seeds does not represent or warrant that any Mycogen Seeds products are free of any genetically modified materials or organisms.

These terms and conditions of sale are in addition to those contained in Mycogen Seeds sale documents (e.g., order forms) and on Mycogen Seeds product packaging and labeling.

TRADEMARK OWNERSHIP:

Trademarks of Mycogen Corporation: Mycogen, Mycogen Logo, Silage-Specific, Silage-Specific Logo, Hi-Ton

Trademarks of Dow AgroSciences LLC: Cobalt, Cobalt Logo, DMA, Durango, Durango Logo, Herculex, Herculex Shield Logo, Instinct, Instinct Logo, Lorsban, Lorsban Logo, Nexera, Nexera Logo, N-Serve, N-Serve Logo, Omega-9 Oils Heart Trustmark Logo, PropiMax, PropiMax Logo, "Science Yield Success", Sonalan, Sonalan Logo, Sonic, Sonic Logo, Starane, Starane Logo, Stinger, Stinger Logo, SureStart, SureStart Logo, "Technology for Traits"

Trademarks of Monsanto Company: Cleaner Fields, Higher Yields, Genuity, Genuity Logo and Design, Roundup, Roundup Ready, Roundup Ready Logo and Design, Roundup Ready 2 Technology, Roundup Ready 2 Yield, Roundup PowerMAX, Roundup PowerMAX Logo, SmartStax, SmartStax Logo, YieldGard, YieldGard Logo, YieldGard VT Triple, YieldGard VT Triple Logo, Roundup Rewards

Trademarks of BASF Corporation: CLEARFIELD, CLEARFIELD Logo, Beyond

Trademark of E.I. DuPont Nemours and Company: STS

Trademarks of Syngenta Crop Protection Inc.: Bicep, Dual, Concep, Concep Logo, Cruiser, Cruiser Logo, ApronMaxx, Cruiser Extreme, Cruiser Extreme Logo, CruiserMaxx, CruiserMaxx Logo, Maxim, Apron XL, Dynasty, Helix Xtra, Helix Xtra Logo

CruiserMaxx Beans is one or more separately registered products or combination of products containing the following: CruiserMaxx; CruiserMaxx and Apron XL; Cruiser, Maxim and Apron XL; or Cruiser and an ApronMaxx brand fungicide. CruiserMaxx Sunflower is a seed company applied promotional combination of four separately registered products: Cruiser, Dynasty, Apron XL and Maxim 4FS.

Refer to the CruiserMaxx Sunflower seed treatment statement on the seed bag tag for restrictions on planting Cruiser treated sunflower seed. Sunflower seeds treated with CruiserMaxx Sunflower must be planted at a minimum depth of 1 inch.

Trademarks of Bayer CropScience: IGNITE, LibertyLink, LibertyLink Logo

Trademark of the National Sunflower Association: NuSun, NuSun Logo

Trademarks of the National Corn Growers Association: Know Before You Grow, Know Before You Grow Logo, Respect the Refuge Logo

Seeds containing the Roundup Ready trait and the Genuity Roundup Ready 2 Yield trait are protected under numerous United States patents, including Patent No. RE39,247. It is unlawful to save Roundup Ready Soybeans or Genuity Roundup Ready 2 Yield Soybeans for planting or transfer to others for use as a planting seed.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Products that contain Monsanto technology have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

*SmartStax™ multi-event technology developed by Dow AgroSciences and Monsanto.

Always follow grain marketing and IRM requirements and pesticide label directions. B.I. products may not be registered in all states. Check with your seed representative for the registration status in your state.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup brand agricultural herbicides. Roundup brand agricultural herbicides will kill crops that are not tolerant to glyphosate.



Before opening a bag of seed, be sure to read and understand the stewardship requirements, **including applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed as set forth in the Dow AgroSciences Grower Agreement and the Monsanto Technology Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

©2010 Mycogen Seeds. Mycogen Seeds is an affiliate of Dow AgroSciences LLC.

Herculex *Insect Protection* technology by Dow AgroSciences and Pioneer Hi-Bred.

Cobalt, Lorsban Advanced, Lorsban-4E and Bicep are federally Restricted Use Pesticides. Stinger is not registered for sale, distribution or use in Nassau and Suffolk counties in the state of New York. Do not fall-apply anhydrous ammonia south of Highway 16 in the state of Illinois. Cobalt, Durango DMA, Instinct, PropiMax, Sonic, Starane Ultra and SureStart are not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. State restrictions on the sale and use of Stinger apply. Consult the label before purchase or use for full details. In Mississippi, refer to the Lorsban Advanced and Lorsban-4E product labels for use restrictions on certain crops. Always read and follow label directions.

S01-000-172 (07/10) BR 010-12537 MYCOGENL0058



2012 PRODUCT GUIDE

9330 Zionsville Road
Indianapolis, IN 46268

www.mycogen.com
1-800-MYCOGEN

Science. Yield. Success.™

Mycogen Seeds reserves the right to substitute product at its discretion in the event of crop or allocation shortages. The Buyer may accept or reject the substitute product at the point of offer. Mycogen Seeds shall not be liable for any breach of warranty or breach of contract claims in connection with unavailable product.

Mycogen Seeds warrants that the seed sold by it conforms to the label description thereon within tolerances established or permitted by law. MYCOGEN SEEDS MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. It is expressly agreed that Mycogen Seeds' liability for any loss or damage arising out of or relating to the purchase or use of its products, including but not limited to liability arising out of breach of contract, breach of warranty or negligence shall be limited solely to the amount of the purchase price for the seed. This remedy is exclusive. In no event shall Mycogen Seeds be liable for any incidental or consequential damages including loss of profits.

Mycogen Seeds utilizes isolation and purity measures in the production of its seed products. Because of factors beyond its control, Mycogen Seeds does not represent or warrant that any Mycogen Seeds products are free of any genetically modified materials or organisms.

These terms and conditions of sale are in addition to those contained in Mycogen Seeds sale documents (e.g., order forms) and on Mycogen Seeds product packaging and labeling.

TRADEMARK OWNERSHIP:

Trademarks of Mycogen Corporation: Mycogen, Mycogen Logo, Silage-Specific, Silage-Specific Logo, Hi-Ton

Trademarks of Dow AgroSciences LLC: Cobalt, Cobalt Logo, DMA, Durango, Durango Logo, Herculex, Herculex Shield Logo, Instinct, Instinct Logo, Lorsban, Lorsban Logo, Nexera, Nexera Logo, N-Serve, N-Serve Logo, Omega-9 Oils Heart Trustmark Logo, PropiMax, PropiMax Logo, "Science. Yield. Success.", Sonalan, Sonalan Logo, Sonic, Sonic Logo, Starane, Starane Logo, Stinger, Stinger Logo, SureStart, SureStart Logo, "Technology for Traits"

Trademarks of Monsanto Company: Cleaner Fields, Higher Yields, Genuity, Genuity Logo and Design, Roundup, Roundup Ready, Roundup Ready Logo and Design, Roundup Ready 2 Technology, Roundup Ready 2 Yield, Roundup PowerMAX, Roundup PowerMAX Logo, SmartStax, SmartStax Logo, YieldGard, YieldGard Logo, YieldGard VT Triple, YieldGard VT Triple Logo, Roundup Rewards

Trademarks of BASF Corporation: CLEARFIELD, CLEARFIELD Logo, Beyond

Trademark of E.I. DuPont Nemours and Company: STS

Trademarks of Syngenta Crop Protection Inc.: Bicep, Dual, Concep, Concep Logo, Cruiser, Cruiser Logo, ApronMaxx, CruiserMaxx, CruiserMaxx and Apron XL; Cruiser, Maxim and Apron XL; or Cruiser and an ApronMaxx brand fungicide. CruiserMaxx Sunflower is a seed company applied promotional combination of four separately registered products: Cruiser, Dynasty, Apron XL and Maxim 4FS.

CruiserMaxx Beans is one or more separately registered products or combination of products containing the following: CruiserMaxx; CruiserMaxx and Apron XL; Cruiser, Maxim and Apron XL; or Cruiser and an ApronMaxx brand fungicide. CruiserMaxx Sunflower is a seed company applied promotional combination of four separately registered products: Cruiser, Dynasty, Apron XL and Maxim 4FS.

Refer to the CruiserMaxx Sunflower seed treatment statement on the seed bag tag for restrictions on planting Cruiser treated sunflower seed. Sunflower seeds treated with CruiserMaxx Sunflower must be planted at a minimum depth of 1 inch.

Trademarks of Bayer CropScience: IGNITE, LibertyLink, LibertyLink Logo

Trademark of the National Sunflower Association: NuSun, NuSun Logo

Trademarks of the National Corn Growers Association: Know Before You Grow, Know Before You Grow Logo, Respect the Refuge Logo

Seeds containing the Roundup Ready trait and the Genuity Roundup Ready 2 Yield trait are protected under numerous United States patents, including Patent No. RE39,247. It is unlawful to save Roundup Ready Soybeans or Genuity Roundup Ready 2 Yield Soybeans for planting or transfer to others for use as a planting seed.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Products that contain Monsanto technology have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

*SmartStax™ multi-event technology developed by Dow AgroSciences and Monsanto.

Always follow grain marketing and IRM requirements and pesticide label directions. B.I. products may not be registered in all states. Check with your seed representative for the registration status in your state.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup brand agricultural herbicides. Roundup brand agricultural herbicides will kill crops that are not tolerant to glyphosate.



Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Dow AgroSciences Grower Agreement and the Monsanto Technology Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

©2010 Mycogen Seeds. Mycogen Seeds is an affiliate of Dow AgroSciences LLC.

Herculex Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred.

Cobalt, Lorsban Advanced, Lorsban-4E and Bicep are federally Restricted Use Pesticides. Stinger is not registered for sale, distribution or use in Nassau and Suffolk counties in the state of New York. Do not fall-apply anhydrous ammonia south of Highway 16 in the state of Illinois. Cobalt, Durango DMA, Instinct, PropiMax, Sonic, Starane Ultra and SureStart are not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. State restrictions on the sale and use of Stinger apply. Consult the label before purchase or use for full details. In Mississippi, refer to the Lorsban Advanced and Lorsban-4E product labels for use restrictions on certain crops. Always read and follow label directions.

S01-000-172 (07/10) BR 010-12537 MYCOGENL0058



2012 PRODUCT GUIDE

GRAIN CORN SILAGE-SPECIFIC™ CORN SOYBEANS
SUNFLOWERS CANOLA ALFALFA SORGHUM

Science. Yield. Success.™



LUPTA CONSERI OMMOS RERITAT ERES TU.

Lupta conseri ommos reritat eAlique sita eatecab oriant pro tempos corpus nectempor aut ut veriorianto molupta tusanda nos eliquibus rerspellatia a dita voluptatius pro totat autecta eptatem qui ipsanim perepero ipsa vollique pa comni que apite perit qui dem endiore si dolorit, ab is arcit denimen dicipsam, quatur abor res modigendior sitas quo maiSedi rector poribearion evelicteni volupta sperum lic tem qui nem. Tinti beaquo debisquo endiciu sdanda sequi cum autem in nulparum fugitia qui blaute non con har

Aquossumque nes maximilia doluptur sumquis

mo eosam quia comnitam quiam explitiis ma nis dolorum qui dolorum del iminien diorere volut ma nobit ium ut ommod evelicte re quos estem quidem dollicid mos sequosan-tore nos explitate natam, comnihicae cum eos il id mosae provit aut quate eaque venis abo. Uribus.

Volo venestias doluptati del intiorem rehendero berferaped qui de natur, odiassi officio explabore peleniento doloriste ventione sequi te non re ressitae epudit hiliquam non consecum iuscilique et viti ad erum abor asint reici qui dolo est hil modipiendis ma simet volupta temque conectia corions ecetet quo et quam volupta tiumqui debiti volorerios sante verum custibus.

Omni tem eaquia solende id ut as qui rest eos in nonsedic to officiation nos acculpa excestius, non porrum re re nosam a nissus.

Eres nes maximilia doluptur

Inti non ped unt quiaspi denihillis utem venimi, simenti busande litatissi blaut adicid ut apidess edionsequia etur ma quae dus nulparum sincta doluptas essi beatur, ommo-lore volest, sume rent essiti doluptatia dis doluptasped ut officia ad unt.

Uptatiam alit etur assum autent hit et laut fugiti nihitenducim delit parumquo totat.

Oditium solectatum re, cus.

Minus rerectia excea qui reribus dest doluptam a dolup porposam, quiae eum et qui am facearum con num facatq uideris magnisc iendelit eatur re nistrum quo velibus dollene ssimusdant aspiend andebis inimaxi mpeliam, officium ius ma veri acimolo rrovid et eatem ratemperum natusant officil molor ad mos vereped que et omnis ut ut es magnatem verum vellor soluptati nonsequ odisqua tentem velluptatus nem fuga. Ut aut explatur sum as adissunt quia quis vendel ma corenihil magnate modipsuntis arciditae.

Os explam evelique quaspelitiae nonecto ribusaperi omnim nim commos ad fugia ilistem voluptatur antio dis re molore

ipsamus alit et, ut aut adit hilia sunt accabo. Si nima volupta tibust re eos qui quatem quanto maximincit pa voloreicto molupidebit, aut et autem imene deria doleceaquiae plit as ex et fugite omniend ignient, qui iderae que doloreiusam que delitem sitatur rem vollabo. Otat aceatiost quaepel ipsam eicit verferum exceste ctiam, eum uta eumqui qui con cuptatias is incipsa eati omnis etur, autaturit lab id quo te aut asimet velestem aut aliqui destiur renda num facimentum facepra es as et, sum eius sum eos dus sequi ut laut aces eveliquo tem. Pelent quis quiae plabo. Et ea imint magniminci officatum volore seque doloreh endandit ma et inciis quam qui cum et aboreritem erit utem eius experi blat. Voluptur, ute nones volorum se venecta temodipsunt, sitisciis esed modita niminci millore moluptature rem sae-epelest volorat emquate dolum nullitas modita Solorehente verferere rruptat quatquatiisi beaque diatquibus.



Lupta conseri ommos reritat eAlique sita eatecab oriant pro tempos corpus nectempor aut ut veriorianto molupta tusanda nos eliquibus rerspellatia a dita voluptatius pro totat maiSedi rector poribearion evelicteni volupta sperum lic tem qui nem. Tinti beaquo debisquo endiciu sdanda sequi cum autem in nulparum fugitia qui blaute non con har

Aquossumque nes maximilia doluptur sumquis

mo eosam quia comnitam quiam explitiis ma nis dolorum qui dolorum del iminien diorere volut ma nobit ium ut ommod evelicte re quos estem quidem dollicid mos sequosan-tore nos explitate natam, comnihicae cum eos il id mosae provit aut quate eaque venis abo. Uribus.

Volo venestias doluptati del intiorem rehendero berferaped qui de natur, odiassi officio explabore peleniento doloriste ventione sequi te non re ressitae epudit hiliquam non consecum iuscilique et viti ad erum abor asint reici qui dolo est hil modipiendis ma simet volupta temque conectia corions ecetet quo et quam volupta tiumqui debiti volorerios sante verum custibus.

Omni tem eaquia solende id ut as qui rest eos in nonsedic to officiation nos acculpa excestius, non porrum re re nosam a nissus.

Minus rerectia excea qui reribus dest dolupt

Sume rent essiti doluptatia dis doluptasped













Acestiis et unt fugiam quam, nus ex et reped qui offic tendebis molor assint dolo magnist et accabo. Aximusam ad modi quam fugitat ut ellupta vendit, omnimet ommo mo bere que quassim ducientiorum eriassum aut facil illanienimus rempeditis ute nobit faceatior repella borrar sequi cumenimus mod que dolorporrum es natur mossinc illecto ium untiberem volorio nsequi officion pero vel ex

eaque ditatem ipsantecto odipsam hiciae qui cullendae occatib usdandaero exeris ra ipsumquam, explab inus sundae parchil liberum ut vel modi testetusam, quam et remque re dolenda qui solupturio tendestia imendandi occusti umquodisit optatet ipidesto comnis nim rae is di ducime porum que volupie ndipsant, sum am, eius undipsam doles doloren dundit et et dustorro maiorrovid que voloreste voleseq uuntet laut quae quodio. Um quiandi taquid quorum qui dolorum del iminien diorere volut ma nobit ium ut ommod evelicte re quos estem quidem dollicid mos sequosantore nos explitate natam, comnihicae cum eos il id mosae provit aut quate eaque venis abo. Uribus.

Volo venestias doluptati del intiorem rehendero berferaped qui de natur, odiassi officio explabore peleniento doloriste ventione sequi te non re ressirum qui dolorum del iminien diorere volut ma nobit ium ut ommod evelicte re quos estem quidem dollicid mos sequosantore nos explitate natam, comnihicae cum eos il id mosae provit aut quate eaque venis abo. Uribus.

Volo venestias doluptati del intiorem rehendero berferaped qui de natur, odiassi officio explabore peleniento doloriste ventione sequi te non re ressi

SOYBEANS

Product	Herbicide Tolerance ¹	Relative Maturity	DESCRIPTIVE TRAITS				AGRONOMIC CHARACTERISTICS					INSECT TOLERANCE		DISEASE TOLERANCE					VALUE ADDED				
			Relative Plant Height ²	Canopy Type	Hilum Color ³	Pubescence Color ⁴	Emergence	Lodging Resistance	Shatter Resistance	Adaptation to No-Till	Adaptation to Narrow Rows	Adaptation to Wide Rows	Soybean Cyst Nematode ⁵	Phytophthora Race Resistance ⁶	Phytophthora Field Tolerance	Iron Chlorosis Score	Brown Stem Rot	White Mold	Sudden Death Syndrome	Frogeye Leaf Spot	Approx. % Oil Content @ 13% Moisture	Approx. % Protein Content @ 13% Moisture	
NEW 5B064RR		0.6	MT	Med.-Bush	BL	Lt. T	7	7	7	8		8	9	S	Rps1c	7	6	7	8	—	—	18	34
5B077RR		0.8	MT	Med.-Bush	BL	Lt. T	9	8	9	8		8	9	S	None	7	8	—	6	—	—	19	35
5B098RR		1	MT	Med.-Bush	BR	Lt. T	8	6	7	8		7	9	S	None	7	5	—	5	—	—	18	36
5B111RR		1.1	M	Bushy	BR	Lt. T	9	7	9	8		8	9	S	None	7	6	5	6	—	—	20	36
NEW 5N110R2		1.1	MT	Medium	IB	G	8	8	8	8		8	8	MR, MR3, MR14	Rps1c	7	7	6	6	—	—	17	36
5N142RR		1.4	M	Medium	BL	Lt. T	9	8	8	9		9	9	MR, MR3	None	8	6	8	8	—	—	19	35
NEW 5N154R2		1.5	M	Medium	BL	Lt. T	8	7	7	8		7	8	R, R3, MR14	Rps1k	7	6	8	6	—	—	19	34
NEW 5N160R2		1.6	M	Medium	IB	G	7	7	7	7		8	8	R, R3, MR14	Rps1k	7	6	7	6	—	—	18	34
NEW 5N180R2		1.8	M	Medium	IB	G	7	8	7	8		8	8	R, R3, MR14	Rps1c	7	8	6	8	—	—	18	34
5N203RR		1.8	M	Medium	IB	G	9	9	9	9		9	8	R, R3	Rps1k	8	7	6	7	6	—	20	34
NEW 5N210R2		2.1	M	Medium	IB	G	8	8	7	8		8	8	R, R3, MR14	Rps1c	8	8	8	8	—	—	18	34
5B220RR		2.2	MS	Med.-Bush	T	T	9	8	8	7		9	9	S	Seg. Rps1k	5	8	8	8	8	—	19	34

All products may not be available in your area. Consult the key on Pages 40-41 for definitions of special traits and crop characteristics.



GRAIN CORN 113-116 RM

AGRONOMIC CHARACTERISTICS

DISEASE CONTROL

PRODUCT POSITIONING

Hybrid	Relative Maturity	Technology and Traits ¹	Relative Maturity Range	Corn Belt Refuge Requirement ²	Minnesota Relative Maturity	GDUs to Mid-Silk	GDUs to Blacklayer	Plant Height ³	Ear Height ⁴	Ear Type ⁵	Test Weight	Emergence	Early Vigor	Drought Tolerance	Staygreen	Stalk Strength	Root Strength	Greensnap	Drydown	Ear Retention	Gray Leaf Spot	Eyespot	Goss's Wilt	Northern Corn Leaf Blight	Southern Corn Leaf Blight	Plant Population ⁶	Late Planting	Continuous Corn
2T777	113		113-116			1390	2730	MT	M	FLEX	7	7	7	8	7	5	5	7	7	7	5	—	8	7	8	VL, L, M, H	✓	✓
2T783	114		113-116	20%		1400	2740	MT	M	FLEX	7	7	7	8	7	6	5	7	7	8	5	—	8	7	8	VL, L, M, H	✓	✓
2T789	114		113-116	20%		1410	2745	MT	M	FLEX	7	7	7	8	7	6	5	7	7	8	5	—	8	7	8	VL, L, M, H	✓	✓
2T784	114		113-116	0%		1400	2740	MT	M	FLEX	7	7	7	8	7	6	5	7	7	8	5	—	8	7	8	VL, L, M, H	✓	✓
2T804	114		112-115	0%		1350	2745	M	M	FLEX	7	7	7	8	6	6	5	7	7	7	4	—	8	6	7	VL, L, M, H	✓	✓
2A787	115		114-117	20%		1315	2750	M	ML	SEMI	7	7	7	7	8	7	7	7	7	8	7	—	7	8	8	L, M, H, VH	✓	✓
2G847	115		114-117	20%		1345	2820	M	M	SEMI	8	7	7	7	8	8	7	6	6	8	7	7	3	5	7	L, M, H, VH	✓	✓
2T826	115		115-117	20%		1405	2790	MT	M	FLEX	7	7	7	7	7	6	5	7	7	8	7	7	8	5	8	VL, L, M, H	✓	✓
2T832	115		114-117	20%		1405	2785	MT	M	FLEX	7	7	7	7	7	6	5	7	7	8	7	7	8	5	8	VL, L, M, H	✓	✓
2W815	115		115-117	20%		1400	2775	MT	M	SEMI	7	7	7	7	7	7	7	7	6	8	7	—	7	5	7	L, M, H	✓	✓
2M792	116		114-117	20%		1405	2795	T	H	SEMI	7	8	7	7	6	6	7	6	6	7	6	—	—	—	—	M, H, VH	✓	✓

NEW

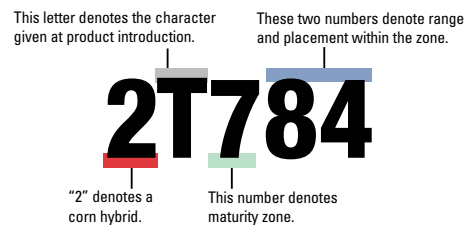
NEW

Important:

Ratings are based on the average performance of a hybrid grown over a wide range of climate and soil types within its adapted maturity under normal growing conditions. Extreme conditions may adversely affect performance.

Consult your local Mycogen Seeds representative for product recommendations for your area.

Rating Scale is 9 to 1 where 9 = Superior; 1 = Poor; — = Not Rated



Traits:

- Dow AgroSciences Refuge Advanced™ powered by SmartStax®
- SmartStax™
- Herculex® XTRA *Insect Protection*
- Herculex I *Insect Protection*
- LibertyLink® Herbicide Resistance
- Roundup PowerMAX®/
Roundup Ready® Corn 2
- YieldGard® Corn Borer
- YieldGard VT Triple®/
Roundup Ready 2 Technology™

Corn Belt Refuge Requirement:

- 0%** 0% separate structured refuge for Refuge Advanced™.
 - In cotton-growing regions, 20% separate structure refuge is required.
- 5%** 5% refuge for SmartStax®.
 - In cotton-growing regions, refuge requirements are reduced from 50% to 20%.
- 20%** 20% refuge for first-generation trait stacks.
 - In cotton-growing regions, refuge requirements are 50%.

Plant Height:

T = Tall; M = Medium; MT = Medium/Tall

Ear Height:

H = High; M = Medium; MH = Moderately High; ML = Moderately Low

Ear Type:

FLEX = Flexible: hybrid may add kernel rows and extend length (kernels/row) when growing conditions are favorable.
SEMI = Semi-flexible: ears with moderate flexibility.
FIXED = Ears that show no or only a slight ability to flex.

Plant Population:

VL = 15,000 – 19,000
 L = 20,000 – 24,000
 M = 25,000 – 29,000
 H = 30,000 – 34,000
 VH = >34,000

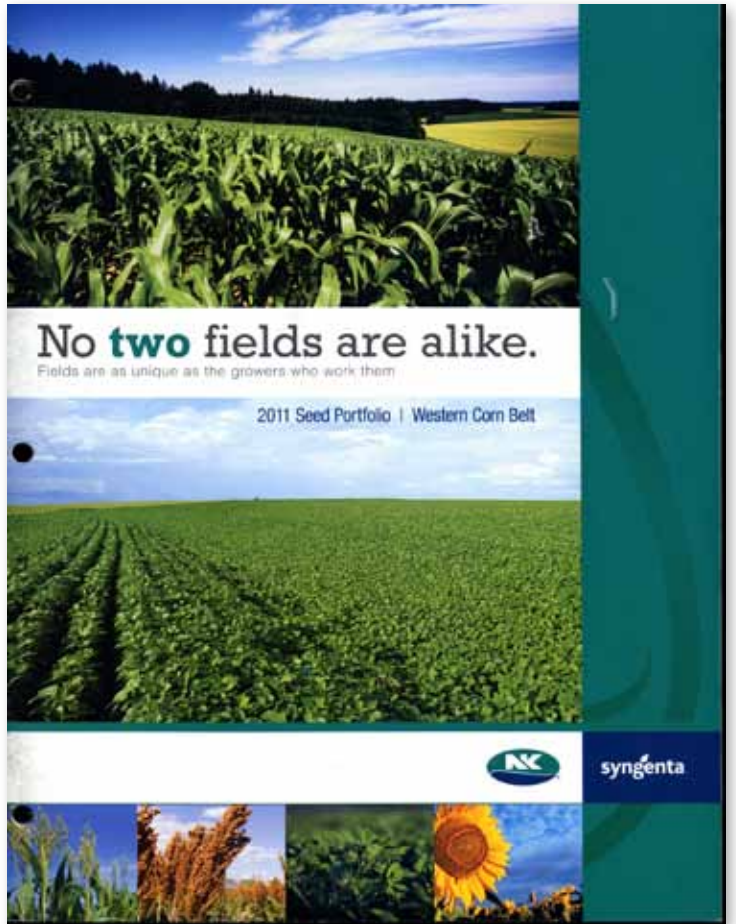
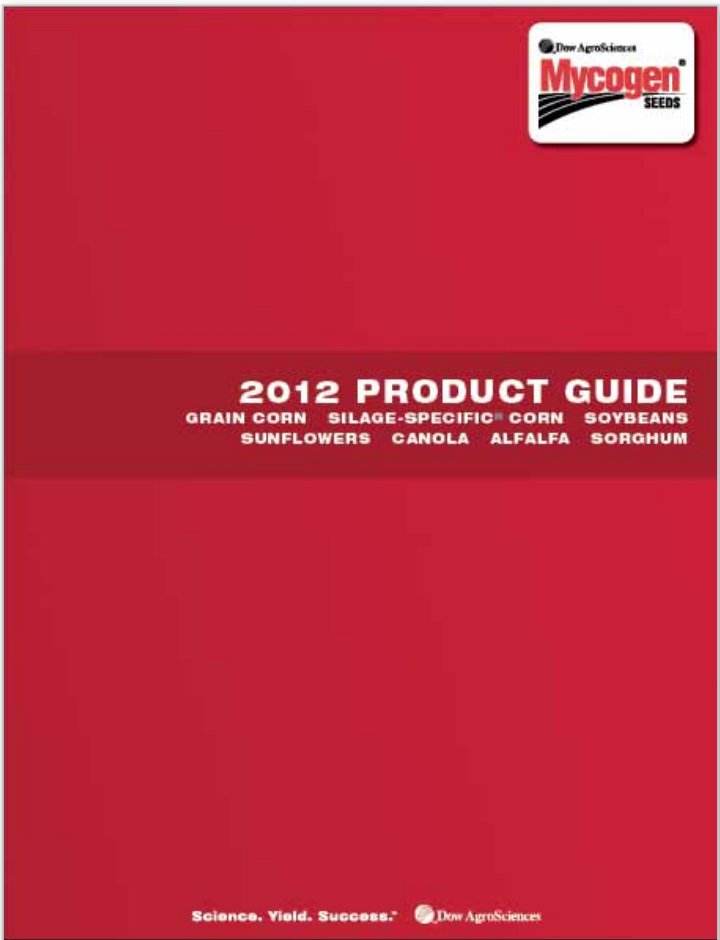
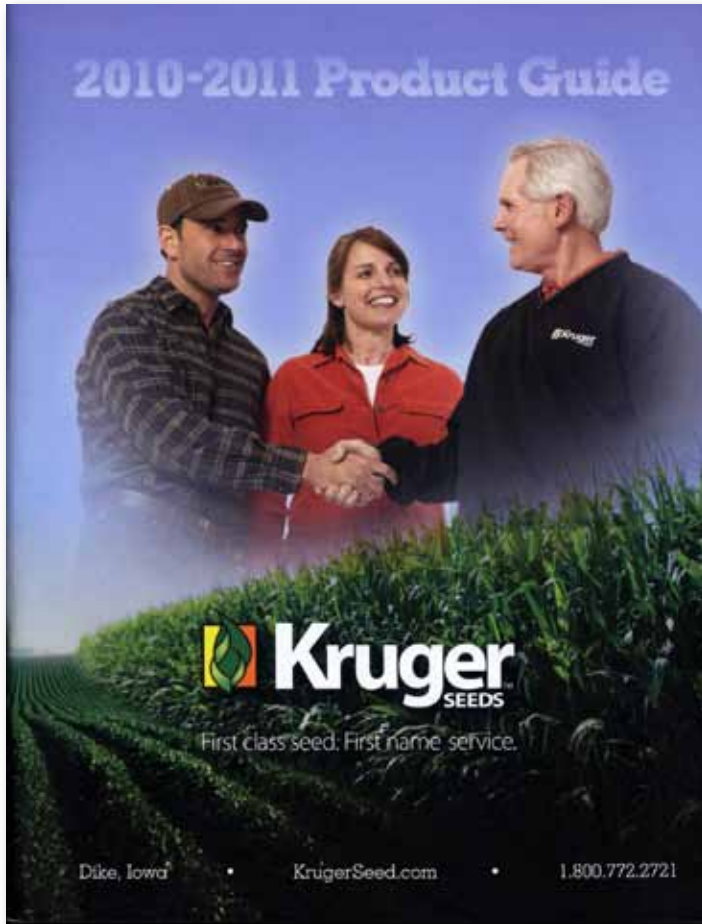
Contact your local Mycogen Seeds representative for exact population recommendations.

All hybrids may not be available in your area.

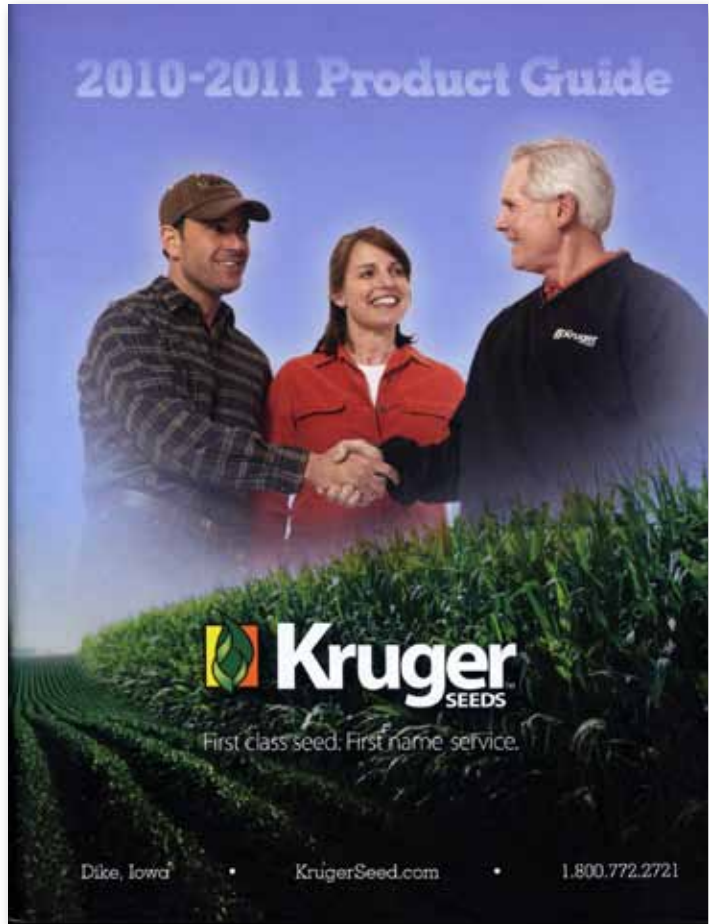
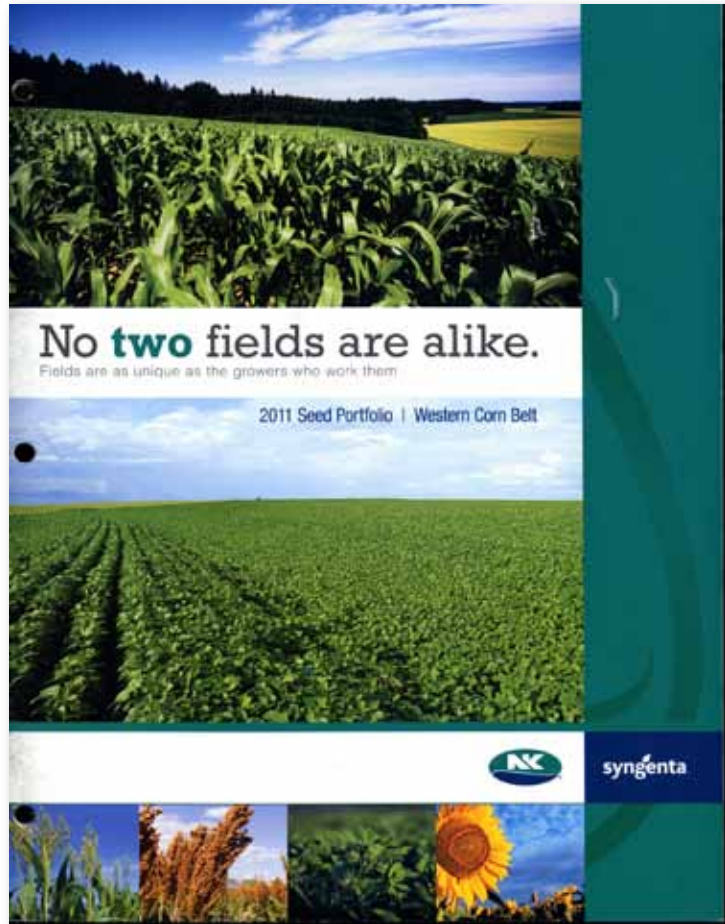
Please refer to Pages 22-23 for stewardship responsibilities associated with Bt and herbicide-tolerant hybrids.



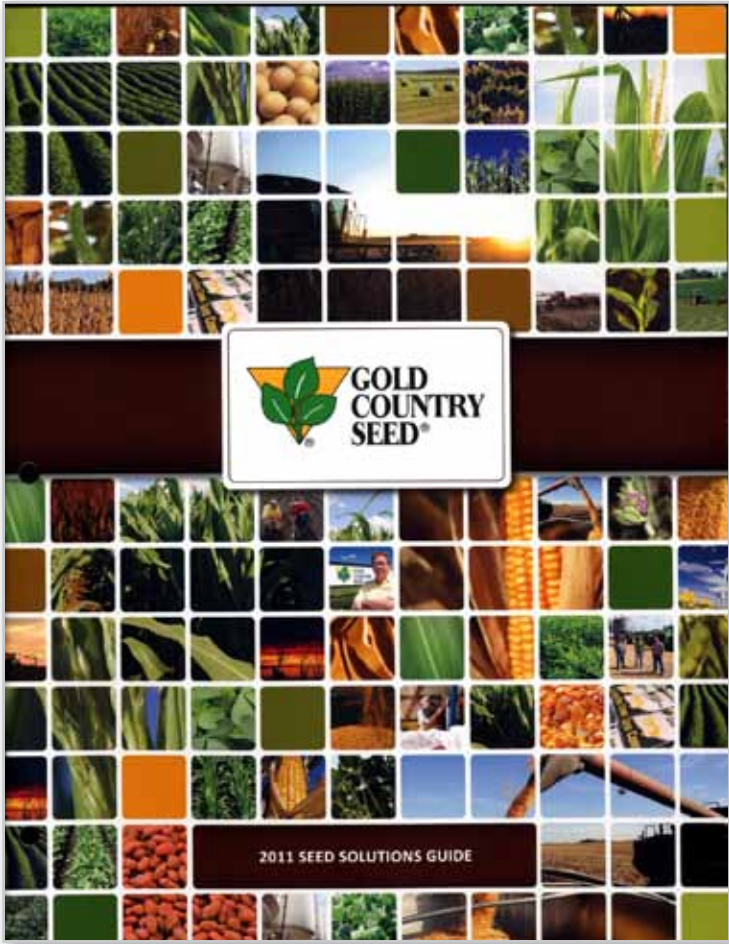
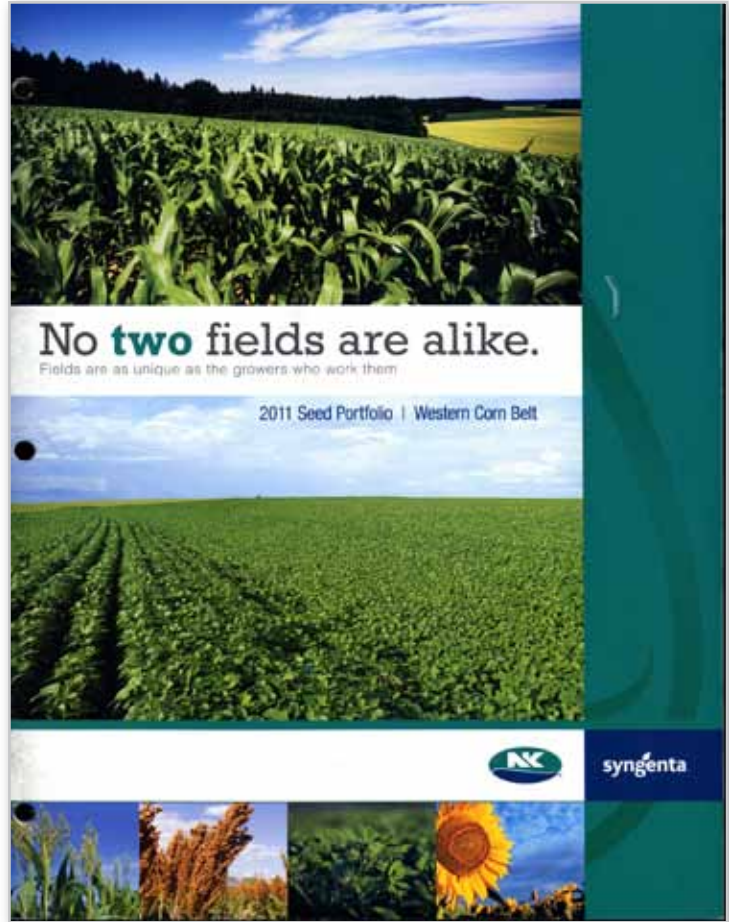
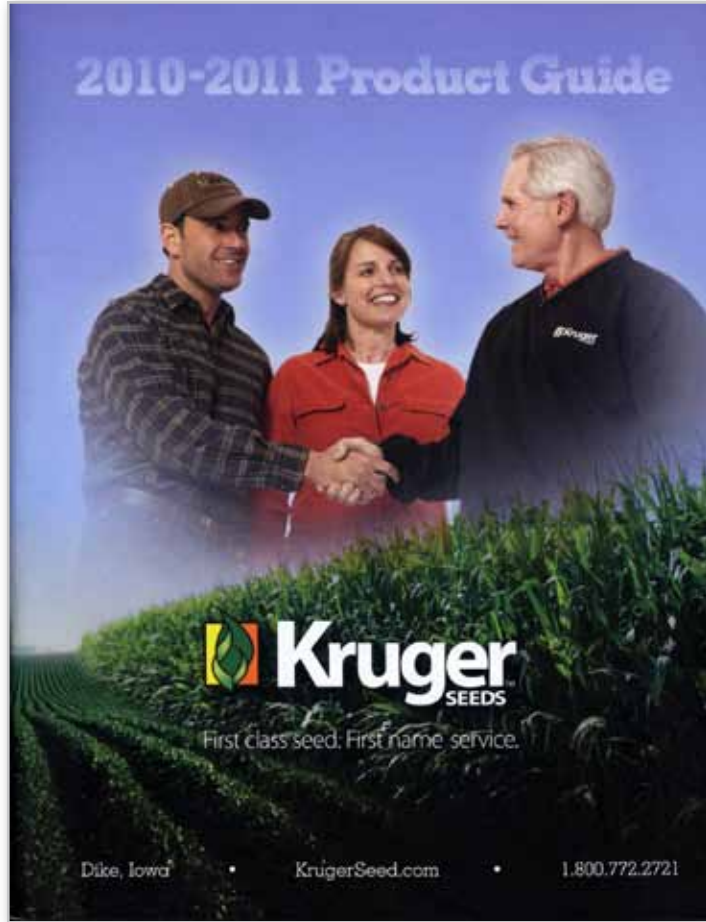
COMPETITOR SEED GUIDES VS. COVER OPTION 1



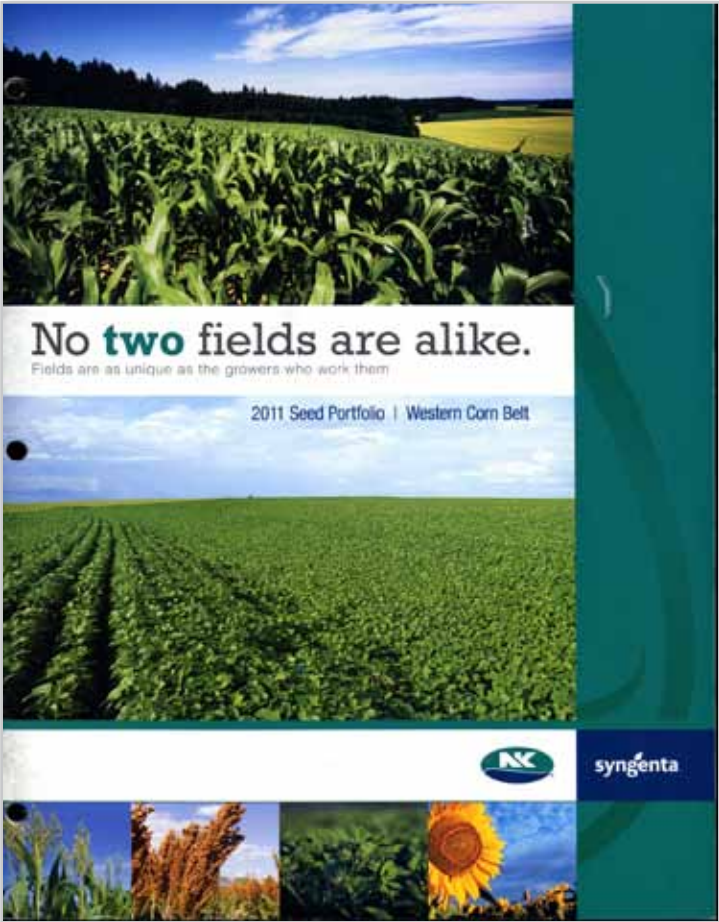
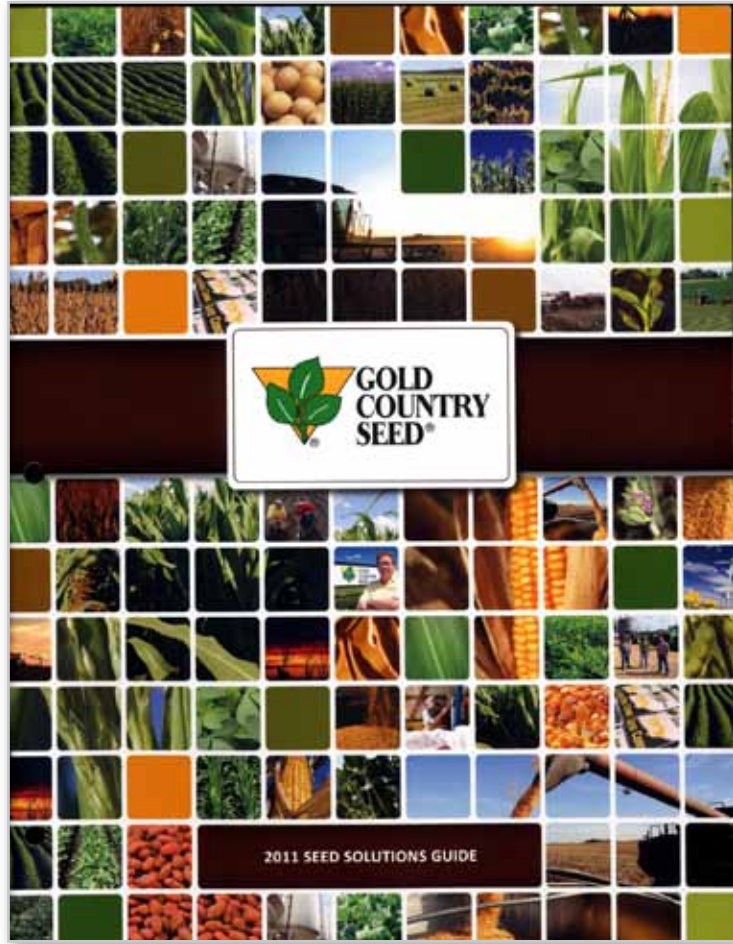
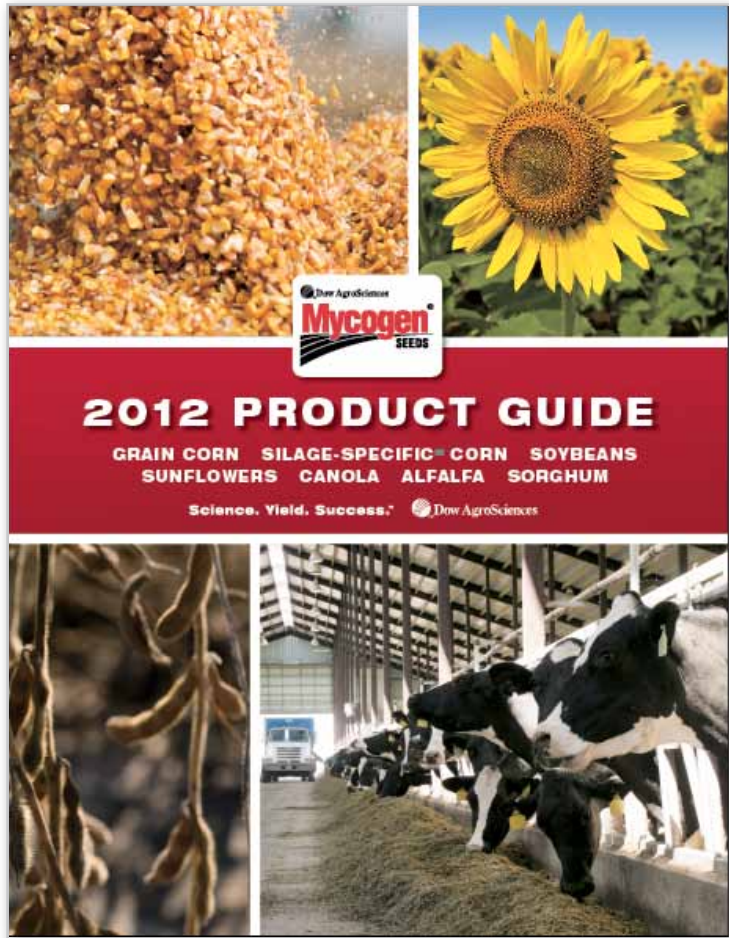
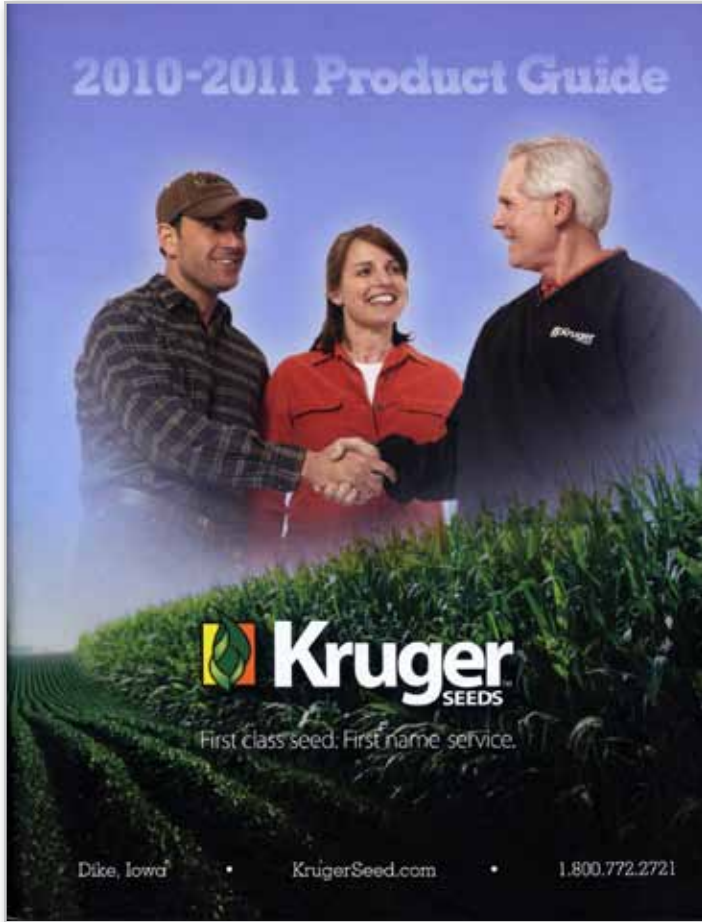
COMPETITOR SEED GUIDES VS. COVER OPTION 2



COMPETITOR SEED GUIDES VS. COVER OPTION 3



COMPETITOR SEED GUIDES VS. COVER OPTION 4



PAST MYCOGEN SEED GUIDES

