

A REPORT OF THE
NATIONAL SOYBEAN VARIETY REVIEW BOARD



ASSOCIATION OF OFFICIAL SEED CERTIFYING AGENCIES

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NATIONAL SOYBEAN VARIETY REVIEW BOARD
(FEBRUARY 2010)

The Association of Official Seed Certifying Agencies (AOSCA) National Soybean Variety Review Board reviewed the following varieties on February 18, 2010. The Board recommended the inclusion of these varieties for certification. Seed of these varieties may be certified, providing production meets all standards of the Certifying Agency of the jurisdiction in which the seed is grown.

All variety information, including descriptions, claims, and research data to support any claim, was supplied to the National Soybean Variety Review Board by the applicants. The National Soybean Variety Review Board makes judgments regarding recommendation of varieties included in this report for inclusion into certification based on the data supplied. Beyond this, the National Soybean Variety Review Board takes no position on the accuracy or truthfulness of any description or claim made by the applicants.

Further information on current procedures, application forms, details regarding the National Soybean Variety Review Board, can be obtained from:

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Respectfully submitted,

John Armstrong, Chair
National Soybean Variety Review Board

2010 AOSCA SOYBEAN NVRB

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201007933

Variety name: 201007933 Experimental name 2007CA339
Applicant Global Soy Genetics, LLC.

1. The variety 201007933 was developed from the cross S05CA-203 x Prosoy. The variety was selected for yellow hilum, early maturity, high protein levels, and improved yield.
2. 201007933 is a conventional soybean variety adapted to areas growing group 0 varieties. The variety was tested in eastern North Dakota and western Minnesota. Seed will be available for sale in that area.
3. 201007933 has not been tested against any biotic soybean diseases. It is moderately susceptible to iron chlorosis on soils with high pH.
4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Gray
Relative maturity rating: 0.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Yellow
Herbicide resistance: None	
Variants and other identifying characteristics: 201007933 has a black hilum impurity at a < 1/10,000 ratio	
5. Foundation, registered, and certified seed class will be recognized. Global Soy Genetics, LLC. is responsible for maintaining the variety. 201007933 is subject to collection of a royalty fee and production under a licensing agreement.
6. Certified seed will likely be available for the 2011 growing season.
7. Application for PVP protection is not planned: descriptive information may be supplied to the PVP office.
8. Certified seed production acreage may not be published by AOSCA and certifying agencies.



GSG 1805

Variety name: GSG 1805 Experimental name 07CA318
Applicant Global Soy Genetics LLC.

1. The variety GSG 1805 was developed from the cross 1110110222 x SRF20227. The variety was selected for yellow hilum, early maturity, moderate resistance to iron deficiency chlorosis, and improved yield.
2. GSG 1805 is a conventional soybean variety adapted to areas growing group 0 varieties. The variety was tested in eastern North Dakota and western Minnesota. Seed will be available for sale in that area.
3. GSG 1805 has not been tested for resistance to biotic soybean diseases. GSG 1805 is moderately resistant to iron deficiency chlorosis on soils with high pH.
4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Gray
Relative maturity rating: 0.6	Flower color: Purple
Leaf shape: Lanceolate	Mature pod color: Brown
Seed shape: Spherical Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Yellow
Herbicide resistance: None	
Variants and other identifying characteristics: GSG 1805 has a black hilum impurity at a < 1/1,000 ratio	
5. Foundation, registered, and certified seed class will be recognized. Global Soy Genetics, LLC. is responsible for maintaining the variety. GSG 1805 is subject to collection of a royalty fee and production under a licensing agreement.
6. Certified seed will likely be available for the 2011 growing season.
7. Application for PVP protection is not planned: descriptive information may be supplied to the PVP office.
8. Certified seed production acreage may not be published by AOSCA and certifying agencies.



GSG 2903

Variety name: GSG 2903 Experimental name 07CA329
Applicant Global Soy Genetics LLC.

1. The variety GSG 2903 was developed from the cross 15900040 x SRF20227. The variety was selected for excellent standability, early maturity, and improved yield.
2. GSG 2903 is a conventional soybean variety adapted to areas growing group 0 or 00 varieties. The variety was tested in eastern North Dakota and will be available for sale in that area.
3. GSG 2903 has not been tested against any soybean diseases.
4.

Plant type: Slender	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.1	Flower color: Purple
Leaf shape: Lanceolate	Mature pod color: Tan
Seed shape: Elongate Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect yellow
Herbicide resistance: None	
Variants and other identifying characteristics: GSG 2903 has a black hilum variant at a <1/1,000 ratio	
5. Foundation, registered, and certified seed class will be recognized. Global Soy Genetics, LLC. is responsible for maintaining the variety. GSG 2903 is subject to collection of a royalty fee and production under a licensing agreement.
6. Certified seed will likely be available for the 2011 growing season.
7. Application for PVP protection is not planned. Descriptive information may be supplied to the PVP office.
8. Certified seed production acreage may not be published by AOSCA and certifying agencies.



IA3027RA1

Variety name: IA3027RA1 Experimental name IA3027RA1
Applicant Iowa State University Research Foundation, Inc.

1. IA3027RA1 is made up of 18 BC₃F₂ derived lines. Lines with the *Rag1* gene were selected for further evaluation throughout the development history.
2. IA3027RA1 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA3027RA1 has not been tested against soybean diseases. It has intermediate susceptibility to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: green
Stem termination: indeterminate	Pubescence color: gray
Relative maturity rating: 3.0	Flower color: white
Leaf shape: ovate	Mature pod color: tan
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: yellow
Herbicide resistance: none	
Variants and other identifying characteristics:	
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA3027RA1 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA3043

Variety name: IA3043 Experimental name A07-621064
Applicant Iowa State University Research Foundation, Inc.

1. IA3043 is a F3 plant selection from the cross Dairyland 99618-31 X IA3025. Lines with less than 1.5% linolenic acid were selected for further evaluation throughout the development history.
2. IA3043 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA3043 has not been tested against soybean diseases. It has intermediate susceptibility to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: dark purple
Stem termination: indeterminate	Pubescence color: tawny
Relative maturity rating: 3.9	Flower color: purple
Leaf shape: ovate	Mature pod color: brown
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: black
Herbicide resistance: none	

Variants and other identifying characteristics: IA3043 has about 1.3% linolenic acid compared with about 7.5% linolenic acid in conventional varieties. Seed must meet genetic purity standards and have a linolenic acid content of 2% or less to be certified.
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA3043 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA3044

Variety name: IA3044 Experimental name A07-622070
Applicant Iowa State University Research Foundation, Inc.

1. IA3044 is a F3 plant selection from the cross Dairyland 98820-33 X IA3025. Lines with less than 1.5% linolenic acid were selected for further evaluation throughout the development history.
2. IA3044 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA3044 has not been tested against soybean diseases. It has intermediate susceptibility to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: dark purple
Stem termination: indeterminate	Pubescence color: gray
Relative maturity rating: 3.5	Flower color: purple
Leaf shape: ovate	Mature pod color: brown
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: buff
Herbicide resistance: none	

Variants and other identifying characteristics: IA3044 has about 1.3% linolenic acid compared with about 7.5% linolenic acid in conventional varieties. Seed must meet genetic purity standards and have a linolenic acid content of 2% or less to be certified. Up to 1% hilum color other than buff.
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA3044 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA3045

Variety name: IA3045 Experimental name A07-425058
Applicant Iowa State University Research Foundation, Inc.

1. IA3045 is a F3 plant selection from the cross IA3027 x IA2053. Lines with large size and high protein were selected for further evaluation throughout the development history.
2. IA3045 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA3046 has not been tested against soybean diseases. It has intermediate susceptibility to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: green
Stem termination: indeterminate	Pubescence color: light tawny
Relative maturity rating: 3.1	Flower color: white
Leaf shape: ovate	Mature pod color: tan
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: yellow
Herbicide resistance: none	
Variants and other identifying characteristics:	
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA3045 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA3046

Variety name: IA3046 Experimental name A07-525012
Applicant Iowa State University Research Foundation, Inc.

1. IA3046 is a F3 plant selection from the cross A03-846032 x (AgriPro 97023-A99-03284 x IA1018). Lines with large size and high protein were selected for further evaluation throughout the development history.
2. IA3046 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA3046 has not been tested against soybean diseases. It has intermediate susceptibility to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: dark purple
Stem termination: indeterminate	Pubescence color: gray
Relative maturity rating: 3.0	Flower color: purple
Leaf shape: ovate	Mature pod color: brown
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: yellow
Herbicide resistance: none	
Variants and other identifying characteristics:	
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA3046 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA3047

Variety name: IA3047 Experimental name A07-525032
Applicant Iowa State University Research Foundation, Inc.

1. IA3047 is a F3 plant selection from the cross IA3027 x IA2053. Lines with large size and high protein were selected for further evaluation throughout the development history.
2. IA3047 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA3047 has not been tested against soybean diseases. It has intermediate susceptibility to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: green
Stem termination: indeterminate	Pubescence color: gray
Relative maturity rating: 3.0	Flower color: white
Leaf shape: ovate	Mature pod color: tan
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: yellow
Herbicide resistance: none	
Variants and other identifying characteristics:	
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA3047 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA3048

Variety name: IA3048 Experimental name A06-911034
Applicant Iowa State University Research Foundation, Inc.

1. IA3048 is a F3 plant selection from the cross Dairyland 99540 x IA2068. Lines with SCN resistance and yellow hilum were selected for further evaluation throughout the development history.
2. IA3048 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA3048 has not been tested against soybean diseases. It is resistant to HG Type 0 of SCN. It is moderately susceptible to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: green
Stem termination: indeterminate	Pubescence color: gray
Relative maturity rating: 3.5	Flower color: white
Leaf shape: ovate	Mature pod color: brown
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: yellow
Herbicide resistance: none	
Variants and other identifying characteristics:	
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA3048 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA4005

Variety name: IA4005 Experimental name A07-622013
Applicant Iowa State University Research Foundation, Inc.

1. IA4005 is a F3 plant selection from the cross IA3023 X IA3025. Seeds with less than 1.5% linolenic acid were selected for further evaluation throughout the development history.
2. IA4005 will be grown in the southern half of Iowa and similar latitudes in other parts of the United States.
3. IA4005 has not been tested against soybean diseases. It has intermediate susceptibility to Iron chlorosis on calcareous soils.
4.

Plant type: intermediate	Hypocotyl color: green
Stem termination: indeterminate	Pubescence color: tawny
Relative maturity rating: 4.2	Flower color: white
Leaf shape: ovate	Mature pod color: brown
Seed shape: elongate	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: black
Herbicide resistance: none	

Variants and other identifying characteristics: IA4005 has about 1.3% linolenic acid compared with about 7.5% linolenic acid in conventional varieties. Seed must meet genetic purity standards and have a linolenic acid content of 2% or less to be certified.
5. Foundation, Registered, and Certified are seed classes to be recognized. Iowa State University Research Foundation, Inc. is the responsible party. Seed stocks will be maintained by roguing off-types from Foundation seed production fields. IA4005 is subject to collection of a royalty fee and production under a licensing agreement.
6. Breeder seed was offered for planting in Argentina in November 2009 for production of certified seed by licensees.
7. Application will not be submitted for protection under the U.S. Plant Variety Protection Act. Relevant descriptive data (morphological only) can be supplied to the PVP database.
8. Certified seed production acreage can not be published by AOSCA and certifying agencies



IA1008 (Amendment)

IA1008 is a maturity group I variety. It has white flowers, gray pubescence, brown pods, and yellow hila seed with a dull seed coat luster. **It may have up to 2% purple flowered variants**



IA2020 (Amendment)

IA2020 is a tofu type soybean variety of Maturity Group II. It has larger seed size and yields greater than Vinton 81 and HP204. It has purple flowers, gray pubescence, brown pods, and seeds with dull seed coats and yellow hila. **It may have up to 2% white flowered variants.**



A1015631

Variety name: A1015631 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1015631 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	Jul	2005	Bulk
F3	Apr	2006	SPS
F4	Nov	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1015631 is adapted to mid group 0 growing areas.

3. Soybean variety A1015631 is resistant to glyphosate.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 0.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Grey
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .03% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1019993

Variety name: A1019993 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1019993 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Aug	2005	Cross
F1	Feb	2006	Bulk
F2	July	2006	SPS
F3	Nov	2006	Bulk
F4	Apr	2007	SPS
F5	Oct	2007	Prow
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1019993 is adapted to mid group 1 growing areas.

3. Soybean variety A1019993 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 1.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1020074

Variety name: A1020074 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1020074 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Sept	2005	Cross
F1	May	2006	Bulk
F2	Nov	2006	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1020074 is adapted to mid group 2 growing areas.
3. Soybean variety A1020074 is glyphosate resistant.
4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .12% imperfect black hila.	
5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1020078

Variety name: A1020078 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1020078 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Sept	2005	Cross
F1	May	2006	Bulk
F2	Nov	2006	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1020078 is adapted to mid group 2 growing areas.

3. Soybean variety A1020078 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .05% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1020079

Variety name: A1020079 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1020079 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Sept	2005	Cross
F1	May	2006	Bulk
F2	Nov	2006	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1020079 is adapted to mid group 2 growing areas of Canada.

3. Soybean variety A1020079 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .10% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1020083

Variety name: A1020083 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1020083 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1020083 is adapted to mid group 2 growing areas.

3. Soybean variety A1020083 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 2.6

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics:

Hypocotyl color:

Pubescence color: Light tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1020085

Variety name: A1020085 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1020085 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Sept	2005	Cross
F1	May	2006	Bulk
F2	Nov	2005	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1020085 is adapted to mid group 2 growing areas in Canada

3. Soybean variety A1020085 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: light tawny
Relative maturity rating: 2.5	Flower color: purple
Leaf shape: Ovate	Mature pod color: brown
Seed shape: Spherical flattened	Mature seed color: yellow
Mature cotyledon color: Yellow	Mature hilum color: black
Herbicide resistance: glyphosate	
Variants and other identifying characteristics: Up to .06% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1020086

Variety name: A1020086 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1020086 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Sept	2005	Cross
F1	May	2006	Bulk
F2	Nov	2006	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1020086 is adapted to mid group 2 growing areas of Canada.

3. Soybean variety A1020086 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .03% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1020087

Variety name: A1020087 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1020087 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Sept	2005	Cross
F1	May	2006	Bulk
F2	Nov	2006	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1020087 is adapted to mid group 2 growing areas of Canada.

3. Soybean variety A1020087 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 2.5

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics:

Hypocotyl color:

Pubescence color: Light tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1022840

Variety name: A1022840 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1022840 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	SPS
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1022840 is adapted to mid group 1 growing areas.

3. Soybean variety A1022840 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Green
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.5	Flower color: White
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Buff
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023182

Variety name: A1023182 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023182 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023182 is adapted to mid group 2 growing areas of Canada.

3. Soybean variety A1023182 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023198

Variety name: A1023198 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023198 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	May	2006	Cross
F1	Oct	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023198 is adapted to mid group 2 growing areas of Canada.

3. Soybean variety A1023198 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023484

Variety name: A1023484 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023484 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023484 is adapted to early group 0 growing areas.

3. Soybean variety A1023484 is glyphosate resistant

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.1	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023485

Variety name: A1023485 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023485 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023485 is adapted to early group 0 growing areas.

3. Soybean variety A1023485 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.1	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023510

Variety name: A1023510 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023510 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Oct	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023510 is adapted to group 0 growing areas.

3. Soybean variety A1023510 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.1	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023511

Variety name: A1023511 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023511 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean Variety A1023511 is adapted to early group 0 growing areas.

3. Soybean Variety A1023511 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.0	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023512

Variety name: A1023512 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023512 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Oct	2006	Bulk
F2	Feb	2007	Bulk
F3	June	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023512 is adapted to mid group 0 growing areas.

3. Soybean variety A1023512 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 0.5

Leaf shape: ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics:

Hypocotyl color: Light purple

Pubescence color: Tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023535

Variety name: A1023535 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023535 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Mar	2005	Cross
F1	Sept	2005	Bulk
F2	Mar	2006	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023535 is adapted to later group 2 growing areas.

3. Soybean variety A1023535 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.8	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023554

Variety name: A1023554 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023554 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023554 is adapted to group 2 growing areas.

3. Soybean variety A1023554 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.9	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .07% black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023555

Variety name: A1023555 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023555 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023555 is adapted to late group 1 growing areas.

3. Soybean variety A1023555 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023566

Variety name: A1023566 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023566 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023566 is adapted to group 1 growing areas.

3. Soybean variety A1023566 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Green
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.5	Flower color: White
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023639

Variety name: A1023639 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023639 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023639 is adapted to mid group 1 growing areas.

3. Soybean variety A1023639 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023658

Variety name: A1023658 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023658 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023658 is adapted to mid group 2 growing areas.
3. Soybean variety A1023658 is glyphosate resistant.
4.

Plant type: Intermediate	Hypocotyl color: Green
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.5	Flower color: White
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .65% black hila.	
5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023692

Variety name: A1023692 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023692 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023692 is adapted to mid group 0 growing areas.

3. Soybean variety A1023692 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.5	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023717

Variety name: A1023717 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023717 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	May	2006	Cross
F1	Oct	2006	Bulk
F2	Mar	2007	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023717 is adapted to mid group 2 growing areas.

3. Soybean variety A1023717 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.6	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023735

Variety name: A1023735 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023735 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023735 is adapted to mid group 0 growing areas.

3. Soybean variety A1023735 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.5	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023754

Variety name: A1023754 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023754 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023754 is adapted to group 2 growing areas of Canada.

3. Soybean variety A1023754 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 2.1	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .23% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023760

Variety name: A1023760 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023760 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023760 is adapted to early group 1 growing areas in Canada.

3. Soybean variety A1023760 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.1	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023761

Variety name: A1023761 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023761 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023761 is adapted to late group 1 growing areas.

3. Soybean variety A1023761 is glyphosate resistant.

4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.9	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.

6. If the line is commercialized, it will likely first be available for sale in 2011.

7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.

8. Please do not publish the certified seed production area.



A1023793

Variety name: A1023793 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023793 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023793 is adapted to late group 0 growing areas.

3. Soybean variety A1023793 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 0.8

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics:

Hypocotyl color: Dark purple

Pubescence color: Tawny

Flower color: Purple

Mature pod color: Tan

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023814

Variety name: A1023814 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023814 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023814 is adapted to early group 2 growing areas.

3. Soybean variety A1023814 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 2.3	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023816

Variety name: A1023816 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023816 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Mar	2007	Bulk
F3	July	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023816 is adapted to mid group 1 growing areas of Canada.

3. Soybean variety A1023816 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023833

Variety name: A1023833 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023833 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	May	2006	Cross
F1	Oct	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023833 is adapted to mid group 2 growing areas of Canada.

3. Soybean variety A1023833 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023846

Variety name: A1023846 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023846 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023846 is adapted to later group 2 growing areas.

3. Soybean variety A1023846 is glyphosate resistant.

- 4.

Plant type: bushy	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.9	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023857

Variety name: A1023857 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023857 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023857 is adapted to early group 2 growing areas.

3. Soybean variety A1023857 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.2	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023943

Variety name: A1023943 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023943 was developed from an initial cross of (ABL3305X0X:@.)/(A3525/MON89788:0016.0002) The soybean variety is uniform for breeding purposes and testing. The soybean variety was selected based on agronomic performance, such as yield and disease and herbicide resistance. The breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Oct	2005	Cross
F1	Apr	2006	Bulk
F2	Dec	2006	SPS
F3	May	2007	SPS
F4	Nov	2007	Bulk
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023943 is adapted to group 2 growing areas.

3. Soybean variety A1023943 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. The variety is undergoing seed certification at this time. Therefore, the variety is not subject to collection of a royalty fee and/or production under any kind of stewardship or licensing agreement.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1023970

Variety name: A1023970 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023970 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1023970 is adapted to mid group 2 growing areas.
3. Soybean variety A1023970 is glyphosate resistant.
4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.5	Flower color: White
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Buff
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .08% black hila.	
5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024080

Variety name: A1024080 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024080 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean Variety A1024080 is adapted to mid group 0 growing areas.

3. Soybean Variety A1024080 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024103

Variety name: A1024103 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024103 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Mar	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024103 is adapted to mid group 1 growing areas.

3. Soybean variety A1024103 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 1.3	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024104

Variety name: A1024104 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024104 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024104 is adapted to early group 2 growing areas.

3. Soybean variety A1024104 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 2.0	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024109

Variety name: A1024109 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024109 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024109 is adapted to group 2 growing areas.

3. Soybean variety A1024109 is glyphosate resistant.

- 4.

Plant type:	Hypocotyl color: Light purple
Stem termination:	Pubescence color: Grey
Relative maturity rating: 2.8	Flower color: Purple
Leaf shape:	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024172

Variety name: A1024172 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024172 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024172 is adapted to early group 2 growing areas.

3. Soybean variety A1024172 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.1	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024173

Variety name: A1024173 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024173 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024173 is adapted to mid group 0 growing areas.

3. Soybean variety A1024173 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.6	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024175

Variety name: A1024175 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024175 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Oct	2005	Cross
F1	Mar	2006	Bulk
F2	Sept	2006	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	PRYT
F5	May	2007	Bulk
F6	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024175 is adapted to later group 0 growing areas.

3. Soybean variety A1024175 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.8	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024177

Variety name: A1024177 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024177 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Oct	2005	Cross
F1	Apr	2006	Bulk
F2	Dec	2006	Bulk
F3	Apr	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024177 is adapted to mid group 1 growing areas.

3. Soybean variety A1024177 is glyphosate resistant.

4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024178

Variety name: A1024178 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024178 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024178 is adapted to early group 1 growing areas in Canada.

3. Soybean variety A1024178 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 1.1

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics:

Hypocotyl color: Light purple

Pubescence color: Tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024182

Variety name: A1024182 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024182 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024182 is adapted to late group 0 growing areas of Canada.

3. Soybean variety A1024182 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.9	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024183

Variety name: A1024183 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024188 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024183 is adapted to later group 1 growing areas of Canada.

3. Soybean variety A1024183 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.7	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024184

Variety name: A1024184 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024184 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Oct	2005	Cross
F1	Apr	2006	Bulk
F2	Dec	2006	Bulk
F3	May	2007	SPS
F4	Nov	2007	Bulk
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024184 is adapted to later group 2 growing areas.

3. Soybean variety A1024184 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.8	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024188

Variety name: A1024188 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024188 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024188 is adapted to mid group 0 growing areas.

3. Soybean variety A1024188 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.5	Flower color: Purple
Leaf shape: ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024189

Variety name: A1024189 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024189 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024189 is adapted to early group 0 growing areas.

3. Soybean variety A1024189 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 0.0

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics:

Hypocotyl color: Dark purple

Pubescence color: Tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024203

Variety name: A1024203 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024203 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024203 is adapted to early group 2 growing areas in Canada.

3. Soybean variety A1024203 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.1	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024218

Variety name: A1024218 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024218 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024218 is adapted to later group 0 growing areas.

3. Soybean variety A1024218 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.9	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024223

Variety name: A1024223 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024223 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Oct	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean Variety A1024223 is adapted to early group 0 growing areas.

3. Soybean Variety A1024223 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 0.1

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: yellow

Herbicide resistance: glyphosate

Variants and other identifying characteristics:

Hypocotyl color: Dark purple

Pubescence color: Tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024224

Variety name: A1024224 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024224 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024224 is adapted to early group 1 growing areas.
3. Soybean variety A1024224 is glyphosate resistant.
4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 1.0	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .05% imperfect black hila.	
5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024227

Variety name: A1024227 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024227 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024227 is adapted to early group 1 growing areas.

3. Soybean variety A1024227 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 1.3	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .09% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024228

Variety name: A1024228 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024228 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Mar	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024288 is adapted to later group 1 growing areas.
3. Soybean variety A1024288 is glyphosate resistant.
4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .04% imperfect black hila.	
5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024229

Variety name: A1024229 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024229 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024229 is adapted to early group 1 growing areas of Canada.

3. Soybean variety A1024229 is glyphosate resistant

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 1.2

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics: AOSCA notes up to a 0.27% imperfect black hila variant, Monsanto notes of a 0.08% imperfect black hila variant.

Hypocotyl color: Dark purple

Pubescence color: Tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Black

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.

6. If the line is commercialized, it will likely first be available for sale in 2011.

7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.

8. Please do not publish the certified seed production area.



A1024230

Variety name: A1024230 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024230 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	SPS
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024230 is adapted to mid group 1 growing areas.

3. Soybean variety A1024230 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024231

Variety name: A1024231 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024231 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	SPS
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024231 is adapted to mid group 1 growing areas.

3. Soybean variety A1024231 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 1.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024245

Variety name: A1024245 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024245 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024245 is adapted to mid group 1 growing areas in Canada.

3. Soybean variety A1024245 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024246

Variety name: A1024246 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024246 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	SPS
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024246 is adapted to group mid 1 growing areas of Canada.

3. Soybean variety A1024246 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024251

Variety name: A1024251 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024251 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Nov	2006	Cross
F1	Apr	2007	Bulk
F2	Aug	2007	SPS
F3	Nov	2007	Prow
F4	May	2008	Yield Testing
F5	May	2009	Yield Testing

2. Soybean variety A1024251 is adapted to mid group 1 growing areas of Canada.

3. Soybean variety A1024251 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Green
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.4	Flower color: White
Leaf shape: Ovate	Mature pod color:
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Buff
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024252

Variety name: A1024252 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024252 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Mar	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024252 is adapted to later group 1 growing areas of Canada.

3. Soybean variety A1024252 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 1.9	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .08% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.

6. If the line is commercialized, it will likely first be available for sale in 2011.

7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.

8. Please do not publish the certified seed production area.



A1024298

Variety name: A1024298 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024298 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024298 is adapted to mid group 0 growing areas.

3. Soybean variety A1024298 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024299

Variety name: A1024299 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024299 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024299 is adapted to mid group 1 growing areas.

3. Soybean variety A1024299 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024302

Variety name: A1024302 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024302 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Oct	2005	Cross
F1	Apr	2006	Bulk
F2	Dec	2006	SPS
F3	May	2007	SPS
F4	Nov	2007	Bulk
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024302 is adapted to later group 2 growing areas.

3. Soybean variety A1024302 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.9	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024304

Variety name: A1024304 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024304 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Oct	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024304 is adapted to early group 1 growing areas.

3. Soybean variety A1024304 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.0	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024306

Variety name: A1024306 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024306 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	May	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024306 is adapted to mid group 0 growing areas.

3. Soybean variety A1024306 is glyphosate resistant.

- 4.

Plant type: Intermediate

Stem termination: Indeterminate

Relative maturity rating: 0.6

Leaf shape: Ovate

Seed shape: Spherical flattened

Mature cotyledon color: Yellow

Herbicide resistance: Glyphosate

Variants and other identifying characteristics: AOSCA notes up to a 0.03% black hila variant. Monsanto notes a 0.02-0.04% black hila variant.

Hypocotyl color: Light purple

Pubescence color: Tawny

Flower color: Purple

Mature pod color: Brown

Mature seed color: Yellow

Mature hilum color: Brown

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024320

Variety name: A1024320 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024320 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024320 is adapted to mid group 1 growing areas.

3. Soybean variety A1024320 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024321

Variety name: A1024321 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024321 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Jun	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Jun	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024321 is adapted to later group 1 growing areas of Canada.

3. Soybean variety A1024321 is glyphosate resistant.

4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.9	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.

6. If the line is commercialized, it will likely first be available for sale in 2011.

7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.

8. Please do not publish the certified seed production area.



A1024328

Variety name: A1024328 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024328 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	May	2006	Cross
F1	Oct	2006	Bulk
F2	Mar	2007	Bulk
F3	May	2007	SPS
F4	Nov	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024328 is adapted to mid group 2 growing areas.

3. Soybean variety A1024328 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024337

Variety name: A1024337 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1023735 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Mar	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024337 is adapted to early group 1 growing areas.

3. Soybean variety A1024337 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.3	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024338

Variety name: A1024338 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024338 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024338 is adapted to early group 2 growing areas.

3. Soybean variety A1024338 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.0	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024339

Variety name: A1024339 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024339 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Mar	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	Apr	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024339 is adapted to mid group 1 growing areas of Canada.

3. Soybean variety A1024339 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024341

Variety name: A1024341 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024341 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Apr	2006	Cross
F1	Sept	2006	Bulk
F2	Feb	2007	Bulk
F3	May	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024341 is adapted to early group 2 growing areas.

3. Soybean variety A1024341 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Light tawny
Relative maturity rating: 2.0	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024350

Variety name: A1024350 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024350 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	May	2006	Cross
F1	Oct	2006	Bulk
F2	May	2007	Bulk
F3	Nov	2007	SPS
F4	Oct	2007	Prow
F5	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024350 is adapted to later group 2 growing areas.

3. Soybean variety A1024350 is glyphosate resistant.

- 4.

Plant type: Bushy	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024658

Variety name: A1024658 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024658 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	Nov	2006	SPS
F4	Jun	2006	Prow
F5	Apr	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024658 is adapted to mid group 1 growing areas.

3. Soybean variety A1024658 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024705

Variety name: A1024705 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024705 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	Jul	2005	Bulk
F3	Apr	2006	SPS
F4	Nov	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024705 is adapted to mid group 0 growing areas.

3. Soybean variety A1024705 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024710

Variety name: A1024710 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024710 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	Apr	2006	Bulk
F4	Nov	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024710 is adapted to mid group 0 growing areas.

3. Soybean variety A1024710 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect yellow
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: AOSCA notes up to a 1.32% black hila variant. Monsanto notes of a 0.04-0.16% black/brown hila variant.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.

6. If the line is commercialized, it will likely first be available for sale in 2011.

7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.

8. Please do not publish the certified seed production area.



A1024711

Variety name: A1024711 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024711 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	Apr	2006	Bulk
F4	Nov	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024711 is adapted to mid group 0 growing areas.

3. Soybean variety A1024711 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect yellow
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024714

Variety name: A1024714 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024714 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	Apr	2006	SPS
F4	Oct	2006	Prow
F5	Apr	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024714 is adapted to later group 0 growing areas.

3. Soybean variety A1024714 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 0.9	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024754

Variety name: A1024754 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024754 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	Nov	2006	SPS
F4	Jun	2006	Prow
F5	Apr	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024754 is adapted to mid group 1 growing areas.

3. Soybean variety A1024754 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024755

Variety name: A1024755 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024755 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2006	Bulk
F3	Apr	2006	Bulk
F4	Oct	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024755 is adapted to mid group 0 growing areas.

3. Soybean variety A1024755 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 0.6	Flower color: Purple
Leaf shape: ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color:	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024756

Variety name: A1024756 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024756 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	Apr	2006	Bulk
F4	Oct	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F6	May	2009	Yield Testing

2. Soybean variety A1024756 is adapted to later group 0 growing areas in Canada.

3. Soybean variety A1024756 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.8	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: AOSCA notes up to a 0.07% black hila variant. Monsanto notes of a 0.04% brown hila variant.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024762

Variety name: A1024762 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024762 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	Apr	2006	Bulk
F4	Oct	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024762 is adapted to early group 1 growing areas in Canada.

3. Soybean variety A1024762 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.3	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: Up to .03% imperfect black hila.	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1024770

Variety name: A1024770 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1024770 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	SPS
F2	Nov	2005	Bulk/SPS
F3	Apr	2006	SPS
F4	Nov	2006	PROW
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1024770 is adapted to mid group 1 growing areas.

3. Soybean variety A1024770 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Light purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1025241

Variety name: A1025241 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1025241 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Dec	2004	Cross
F1	Mar	2005	Bulk
F2	July	2005	Bulk
F3	May	2006	Bulk
F4	Nov	2006	Prow
F5	May	2007	Yield Testing
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1025241 is adapted to mid group 0 growing areas.

3. Soybean variety A1025241 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Green bronze
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 0.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect Black
Herbicide resistance:	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



A1025839

Variety name: A1025839 Experimental name _____
Applicant Monsanto Technology, LLC

1. Soybean variety A1025839 breeding history can be summarized as follows:

Generation	Date	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	Sept	2005	Cross
F1	Feb	2006	Bulk
F2	Jul	2006	Bulk
F3	Nov	2006	SPS
F4	May	2007	Bulk
F5	Nov	2007	Prow
F6	May	2008	Yield Testing
F7	May	2009	Yield Testing

2. Soybean variety A1025839 is adapted to later group 2 growing areas.

3. Soybean variety A1025839 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color: Dark purple
Stem termination: Indeterminate	Pubescence color: Grey
Relative maturity rating: 2.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011.
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data the PVP database.
8. Please do not publish the certified seed production area.



93360433 (8233406)

Variety name: 93360433 Experimental name 8233406
Applicant Monsanto Technology, LLC

1. Soybean variety 9336043 breeding history can be summarized as follows:

Generation	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	2006	Cross
F1	2006-07	Bulk
F2	2007	SPS
F3	2007-08	Prow
F4	2008	Yield Testing
F5	2009	Yield Testing

2. Soybean variety 93360433 is adapted to early group 1 growing areas.
3. Soybean variety 93360433 is glyphosate resistant.

4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 1.3	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data to the PVP database.
8. Please do not publish the certified seed production area.



93454905 (7750945-04)

Variety name: 93454905 Experimental name 7750945-04

Applicant Monsanto Technology, LLC

1. Soybean variety 93454905 breeding history can be summarized as follows:

Generation	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	2005	Cross
F1	2005-06	Bulk
F2	2006	Pod Pick
F3	2006	SPS
F4	2006-07	Prow
F5	2007	Yield Testing; SPS
F6	2007-08	Prow
F7	2008	Yield Testing
F8	2009	Yield Testing

2. Soybean variety 93454905 is adapted to early group 1 growing areas.

3. Soybean variety 93454905 is glyphosate resistant.

- 4.

Plant type: Intermediate	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 1.2	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: up to .24% black variant to hila color	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.

6. If the line is commercialized, it will likely first be available for sale in 2011

7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data to the PVP database.

8. Please do not publish the certified seed production area.



98331422 (8222413)

Variety name: 98331422 Experimental name 8222413
Applicant Monsanto Technology, LLC

1. Soybean variety 98331422 breeding history can be summarized as follows:

Generation	Planted	Description of work Performed, e.g Bulk, Pod Pick, SPS, Prow, PRYT, etc.
Cross	2006	Cross
F1	2006-07	Bulk
F2	2007	SPS
F3	2007-08	Prow
F4	2008	Yield Testing
F5	2009	Yield Testing

2. Soybean variety 98331422 is adapted to mid group 0 growing areas.

3. Soybean variety 98331422 is glyphosate resistant.

- 4.

Plant type: Bushy	Hypocotyl color:
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 0.6	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: up to 3.4% black variant to hila color	

5. Foundation, registered, and certified class of seed will be maintained by Monsanto Technology, LLC in accordance to Monsanto's purity and stewardship standards.
6. If the line is commercialized, it will likely first be available for sale in 2011
7. No application for Plant Variety Protection is planned at this time. Please do not supply the morphological data to the PVP database.
8. Please do not publish the certified seed production area.



900Y71 (XB007E09)

Variety name: 900Y71 Experimental name XB007E09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 900Y71 is an F5 derived line which was advanced to the F5 generation by modified single seed descent. The F5 progeny row of 900Y71 was grown in a plant row yield trial in Minnesota in the summer of 2004. Subsequently, 900Y71 has undergone five years of extensive testing and purification.
2. 900Y71 is an early group 00 variety for Canada and United States. Excellent choice for fields with a history of iron chlorosis deficiency.
3. Variety 900Y71 was advanced on the basis of yield, maturity, iron deficiency chlorosis tolerance, Phytophthora resistance, and resistance to Roundup® branded herbicides
4.

Plant type: Intermediate	Hypocotyl color: Dark Purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 007 (-0.3)	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Elongate	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect Yellow
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 900Y71 for the 2010 growing season.
7. 900Y71 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



90Y30 (XB03T09)

Variety name: 90Y30 Experimental name XB03T09
Applicant Pioneer Hi-Bred, International, Inc.

1. Variety 90Y30 is an F4 derived line which was advanced to the F4 generation by modified single seed descent. The F4 progeny row of 90Y30 was grown in a plant row yield trial in Minnesota in the summer of 2004. Subsequently, 90Y30 has undergone five years of extensive testing and purification.
2. 90Y30 is an early group 0 variety for Canada and United States.
3. Variety 90Y30 was advanced on the basis of yield, maturity, iron deficiency chlorosis tolerance, and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Dark Purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 0.3	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Imperfect Yellow
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 90Y30 for the 2010 growing season.
7. 90Y30 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



90Y70 (XB07S09)

Variety name: 90Y70 Experimental name XB07S09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 90Y70 is an F4 derived line which was advanced to the F4 generation by modified single seed descent. The F4 progeny row of 90Y70 was grown in a plant row yield trial in Minnesota in the summer of 2005. Subsequently, 90Y70 has undergone four years of extensive testing and purification.
2. 90Y70 is a late group 0 variety for Canada and United States. Excellent choice for fields with a history of Phytophthora.
3. Variety 90Y70 was advanced on the basis of yield, maturity, iron deficiency chlorosis tolerance, Phytophthora resistance, and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Dark Purple
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 0.7	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical Flattened	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 90Y70 for the 2010 growing season.
7. 90Y70 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



91Y22 (XB12U09)

Variety name: 91Y22 Experimental name XB12U09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 91Y22 is an F4 derived line which was advanced to the F4 generation by modified single seed descent. The F4 progeny row of 91Y22 was grown in a plant row yield trial in Minnesota in the summer of 2004. Subsequently, 91Y22 has undergone five years of extensive testing and purification.
2. 91Y22 is an early group I variety for Canada and United States.
3. Variety 91Y22 was advanced on the basis of yield, maturity, and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Dark Purple
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 1.2	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: up to 1% Black Hila	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 91Y22 for the 2010 growing season.
7. 91Y22 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



91Y40 (XB15Q09)

Variety name: 91Y40 Experimental name XB15Q09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 91Y40 is an F4 derived line which was advanced to the F4 generation by modified single seed descent. The F4 progeny row of 91Y40 was grown in a plant row yield trial in Minnesota in the summer of 2004. Subsequently, 91Y40 has undergone five years of extensive testing and purification.
2. 91Y40 is a mid group I variety for Canada and United States. Excellent choice for fields with a history of brown stem rot, soybean cyst nematodes, and Phytophthora.
3. Variety 91Y40 was advanced on the basis of yield, maturity, soybean cyst nematode tolerance, Phytophthora resistance, and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Light Purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 1.4	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Elongate	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 91Y40 for the 2010 growing season.
7. 91Y40 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



92Y11 (XB20W09)

Variety name: 92Y11 Experimental name XB20W09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 92Y11 is an F4 derived line which was advanced to the F4 generation by modified single seed descent. The F4 progeny row of 92Y11 was grown in a plant row yield trial in Illinois in the summer of 2005. Subsequently, 92Y11 has undergone four years of extensive testing and purification.
2. 92Y11 is an early group II variety for Canada and United States. Excellent choice for fields with a history of brown stem rot, soybean cyst nematodes, and Phytophthora.
3. Variety 92Y11 was advanced on the basis of yield, maturity, brown stem rot tolerance, soybean cyst nematode tolerance, Phytophthora resistance, and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Dark Purple
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 2.1	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Tan
Seed shape: Spherical	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: up to 1% Black Hila	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 92Y11 for the 2010 growing season.
7. 92Y11 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



92Y21 (XB22B08)

Variety name: 92Y21 Experimental name XB22B08
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 92Y21 is an F3 derived line which was advanced to the F3 generation by modified single seed descent. The F3 progeny row of 92Y21 was grown in a short row increase in Chile in the winter of 2002. Subsequently, 92Y21 has undergone seven years of extensive testing and purification.
2. 92Y21 is an early group II non-GMO variety for Canada, United States, and Italy. Excellent choice for fields with a history of soybean cyst nematodes, and Phytophthora.
3. Variety 92Y21 was advanced on the basis of yield, maturity, soybean cyst nematode tolerance, Phytophthora resistance, and the non-Genetically Modified Organism (non-GMO) characteristic.
4.

Plant type: Intermediate	Hypocotyl color: Light Purple
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 2.2	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Elongate	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: None	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 92Y21 for the 2010 growing season.
7. 92Y21 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



92Y53 (XB25Z09)

Variety name: 92Y53 Experimental name XB25Z09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 92Y53 is an F3 derived line which was advanced to the F3 generation by modified single seed descent. The F3 progeny row of 92Y53 was grown in a plant row yield trial in Chile in the winter of 2005. Subsequently, 92Y53 has undergone four years of extensive testing and purification.
2. 92Y53 is a mid group II variety for Canada and United States. Excellent choice for fields with a history of soybean cyst nematodes and Phytophthora.
3. Variety 92Y53 was advanced on the basis of yield, maturity, soybean cyst nematode tolerance, Phytophthora resistance, and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Dark Purple
Stem termination: Indeterminate	Pubescence color: Tawny
Relative maturity rating: 2.5	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Elongate	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Brown
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics: up to 1% Black Hila	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 92Y53 for the 2010 growing season.
7. 92Y53 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



93Y05 (XB31AG09)

Variety name: 93Y05 Experimental name XB31AG09
Applicant _____

1. Variety 93Y05 is an F3 derived line which was advanced to the F3 generation by modified single seed descent. The F3 progeny row of 93Y05 was grown in a plant row yield trial in Chile in the winter of 2004. Subsequently, 93Y05 has undergone five years of extensive testing and purification.
2. 93Y05 is an early group III variety for Canada and United States. Excellent choice for fields with a history of Phytophthora.
3. Variety 93Y05 was advanced on the basis of yield, maturity, soybean cyst nematode tolerance, Phytophthora resistance, and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Light Purple
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 3.0	Flower color: Purple
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Spherical	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 93Y05 for the 2010 growing season.
7. 93Y05 will be submitted for protection under the U.S. Plant Variety Protection Act and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



92Y61 (XR25E09)

Variety name: 92Y61 Experimental name XR25E09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 92Y61 is an F3 derived line which was advanced to the F3 generation by modified single seed descent. The F3 progeny row of 92Y61 was grown in a plant row yield trial in Chile in the winter of 2006. Subsequently, 92Y61 has undergone three years of extensive testing and purification.
2. 92Y61 is a mid group II variety for Canada. Excellent choice for fields with a history of soybean cyst nematodes and Phytophthora.
3. Variety 92Y61 was advanced on the basis of yield, maturity, soybean cyst nematode tolerance, Phytophthora resistance, high oleic acid (R181) content, low linolenic acid (R183) content and resistance to Roundup® branded herbicides.
4.

Plant type: Intermediate	Hypocotyl color: Green
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 2.5	Flower color: White
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Elongate	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 92Y61 for the 2010 growing season in Canada.
7. 92Y61 will be submitted for protection under the U.S. Plant Variety Protection Act (subject to U.S. regulatory approval) and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



92Y54 (XR25F09)

Variety name: 92Y54 Experimental name XR25F09
Applicant Pioneer Hi-Bred International, Inc.

1. Variety 92Y54 is an F3 derived line which was advanced to the F3 generation by modified single seed descent. The F3 progeny row of 92Y54 was grown in a plant row yield trial in Chile in the winter of 2006. Subsequently, 92Y54 has undergone three years of extensive testing and purification.
2. 92Y54 is a mid group II variety for Canada. Excellent choice for fields with a history of soybean cyst nematodes and Phytophthora.
3. Variety 92Y54 was advanced on the basis of yield, maturity, soybean cyst nematode tolerance, Phytophthora resistance, high oleic acid (R181) content, low linolenic acid (R183) content and resistance to Roundup® branded herbicides.
4.

Plant type: Slender	Hypocotyl color: Green
Stem termination: Indeterminate	Pubescence color: Light Tawny
Relative maturity rating: 2.5	Flower color: White
Leaf shape: Ovate	Mature pod color: Brown
Seed shape: Elongate	Mature seed color: Yellow
Mature cotyledon color: Yellow	Mature hilum color: Black
Herbicide resistance: Glyphosate	
Variants and other identifying characteristics:	
5. Pioneer Hi-Bred International, Inc. will maintain seed at levels equivalent to Foundation, Registered, and Certified seed for customers. Royalty fees and/or production information is Pioneer Hi-Bred International, Inc. Confidential.
6. Pioneer Hi-Bred International, Inc. will sell non-certified seed of 92Y54 for the 2010 growing season in Canada.
7. 92Y54 will be submitted for protection under the U.S. Plant Variety Protection Act (subject to U.S. regulatory approval) and will not elect the certification option.
8. No certified seed production acreage may be published by AOSCA or certifying agencies.



MN0095 (M00-307055)

Variety name: MN0095 Experimental name M00-307055
Applicant University of Minnesota—Minnesota Agricultural Experiment Station

1. The pedigree of M00-307055 is M92-270029 x M93-313185. The pedigree is complex but traces back to the named varieties Dawson, Beeson, Amsoy, Wayne, Simpson, McCall, Merit, Clay, Agassiz, Woodworth, Harosoy, Higan and the germplasm AP6. M00-307055 is the bulked F5 progeny from an F4 plant from a population that had been advanced by a modified single seed descent procedure.
2. A full season variety from 47° to 49° N latitude. The variety was tested at Crookston, Shelly, Thief River Falls, Kragnes, Roseau and Rosemount, MN.
3. MN0095 carries the *Rpsla* gene for phytophthora resistance and is moderately resistant to iron deficiency chlorosis.
4.

Plant type: slender	Hypocotyl color: dark purple
Stem termination: indeterminate	Pubescence color: gray
Relative maturity rating: 0.0	Flower color: purple
Leaf shape: ovate	Mature pod color: brown
Seed shape: spherical flattened	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: imperfect black
Herbicide resistance: none	
Variants and other identifying characteristics: Up to 0.5% field variants and -0.5% other hilum colors may be present in some seed lots. The intensity of the black hilum color can be affected by the environment.	
5. The foundation, registered and certified classes of seed will be produced. The Minnesota Agricultural Experiment Station (University of Minnesota) will maintain breeder's seed. The variety may be produced under a licensed agreement.
6. Certified seed will first be offered in 2011.
7. No PVP application will be submitted. Descriptive data can be supplied to the PVP database.
8. Certified seed acreage can be published by AOSCA and certifying agencies.



MN0606CN (M00-116202)

Variety name: MN0606CN Experimental name M00-116202
Applicant University of Minnesota—Minnesota Agricultural Experiment Station

1. The pedigree of M00-116202 is MN00901 x MN0902CN. The resistance to SCN in M00-116202 is derived from PI88788. It is the bulked F5 progeny from an F4 plant from a population that had been advanced by a modified single seed descent procedure.
2. A full season variety from 45° to 47° N latitude. The variety was tested at Morris, Becker, Waseca, Gaylord, Hector and Rosemount, MN.
3. MN0606CN carries the *Rpsla* gene for phytophthora resistance and is moderately susceptible to iron deficiency chlorosis.
4.

Plant type: intermediate	Hypocotyl color: green
Stem termination: indeterminate	Pubescence color: tawny
Relative maturity rating: 0.6	Flower color: white
Leaf shape: ovate	Mature pod color: brown
Seed shape: spherical flattened	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: yellow
Herbicide resistance: none	
Variants and other identifying characteristics: Up to 0.5% field variants and 0.5% other hila may be present in some seed lots.	
5. The foundation, registered and certified classes of seed will be produced. The Minnesota Agricultural Experiment Station (University of Minnesota) will maintain breeder's seed. The variety may be produced under a licensed agreement.
6. Certified seed will first be offered in 2011.
7. No PVP application will be submitted. Descriptive data can be supplied to the PVP database.
8. Certified seed acreage can be published by AOSCA and certifying agencies.



MN1413CN (M09-385041)

Variety name: MN1413CN Experimental name M02-385041
Applicant University of Minnesota—Minnesota Agricultural Experiment Station

1. The pedigree of M02-385041 is MN0902CN x M95-255017. M95-255017 is derived from M92-1525 x A92-526007. The pedigree of M92-1525 is M85-647 x Bell. M85-647 is from Ozzie x Fayette. The pedigree of A92-526007 is A20 x Asgrow A2234. A20 is from BSR101 x CN210. A2234 is from (Calland x Amsoy) x (Century(3) x Williams 82). It is the bulked F5 progeny from an F4 plant from a population that had been advanced by a modified single seed descent procedure.
2. A full season variety from 43° to 45° N latitude. The variety was tested at Waseca, Lamberton, Westbrook, Gaylord and Rosemount, MN.
3. MN1413CN carries the *Rpsla* gene for phytophthora resistance and is moderately susceptible to iron deficiency chlorosis.
4.

Plant type: intermediate	Hypocotyl color: dark purple
Stem termination: indeterminate	Pubescence color: tawny
Relative maturity rating: 1.4	Flower color: purple
Leaf shape: ovate	Mature pod color: brown
Seed shape: spherical flattened	Mature seed color: yellow
Mature cotyledon color: yellow	Mature hilum color: yellow
Herbicide resistance: none	
Variants and other identifying characteristics:	Up to 0.5% field variants and -0.5% other hila may be present in some seed lots.
5. The foundation, registered and certified classes of seed will be produced. The Minnesota Agricultural Experiment Station (University of Minnesota) will maintain breeder's seed. The variety may be produced under a licensed agreement.
6. Certified seed will first be offered in 2011.
7. No PVP application will be submitted. Descriptive data can be supplied to the PVP database.
8. Certified seed acreage can be published by AOSCA and certifying agencies.

