

Attachment B: NPGS Census Instrument

(See <https://www.surveymonkey.com/r/Germplasm> for layout as it will appear to census respondents.)

Germplasm Requestor Survey

Germplasm is a critical resource for world food supply. This brief questionnaire seeks information about the need for public germplasm, and its usefulness. Because you have requested materials from the National Plant Germplasm System (NPGS), this questionnaire is intended to obtain your perspective on the quality and outcome of the germplasm accessions that you received from NPGS. This questionnaire will ask about your experiences with ten crops: barley, beans, cotton, maize, potatoes, rice, sorghum, soybeans, squash and wheat. Please answer only for the crops that you requested.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it has a valid Office of Management and Budget (OMB) control number. The valid OMB number for this information collection is XXXX-XXXX. The time required to complete this information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching the existing data sources, gathering and maintaining the data needed. And completing and reviewing the collection of information.

YOUR RESPONSE IS VOLUNTARY. The questionnaire does not ask you for any personal information or the name of the institution at which you work. The responses that you provide are not confidential and are not covered by the Confidential Information Protection and Statistical Efficiency Act of 2002. Responses will be aggregated to create a report that assesses germplasm requests by crop, germplasm type, and traits sought; and describes expectations of future use. USDA will treat all information gathered in accordance with the Freedom of Information Act (5 U.S.C. 552).

Germplasm Requestor Survey

1. In the past 5 years, did you request NPGS accessions for **barley**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **barley** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

2. Number of **barley** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

3. Number of **barley** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

4. For **barley** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

5. For **barley** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

6. **Specify **Other** traits (Example: *Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

7. What percentage of **barley** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

8. Of the **barley** materials requested, what percent already had

(a) useful data for the trait(s) of interest?

(b) other useful data?

9. Over the next 10 years, do you expect your use of NPGS **barley** accessions to change?

- increase
- decrease
- stay the same

Germplasm Requestor Survey

10. In the past 5 years, did you request NPGS accessions for **beans**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **bean** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

11. Number of **bean** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

12. Number of **bean** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

13. For **bean** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

14. For **bean** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

15. **Specify **Other** traits (*Example: Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

16. What percentage of **bean** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

17. Of the **bean** materials requested, what percent already had

(a) useful data for the trait(s) of interest?

(b) other useful data?

18. Over the next 10 years, do you expect your use of NPGSbean accessions to change?

- increase
- decrease
- stay the same

Germplasm Requestor Survey

19. In the past 5 years, did you request NPGS accessions for **cotton**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **cotton** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

20. Number of **cotton** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

21. Number of **cotton** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

22. For **cotton** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

23. For **cotton** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

24. **Specify **Other** traits (*Example: Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

25. What percentage of **cotton** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

26. Of the **cotton** materials requested, what percent already had

(a) useful data for the trait(s) of interest?	<input type="text"/>
(b) other useful data?	<input type="text"/>

27. Over the next 10 years, do you expect your use of NPG**scotton** accessions to change?

- increase
- decrease
- stay the same

28. In the past 5 years, did you request NPGS accessions for **maize**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **maize** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

29. Number of **maize** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

30. Number of **maize** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

31. For **maize** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

32. For **maize** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

33. **Specify **Other** traits (*Example: Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

34. What percentage of **maize** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

35. Of the **maize** materials requested, what percent already had

(a) useful data for the trait(s) of interest?

(b) other useful data?

36. Over the next 10 years, do you expect your use of NPGS**maize** accessions to change?

- increase
- decrease
- stay the same

Germplasm Requestor Survey

37. In the past 5 years, did you request NPGS accessions for **potatoes**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **potato** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

38. Number of **potato** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

39. Number of **potato** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

40. For **potato** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

41. For **potato** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

42. **Specify **Other** traits (*Example: Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

43. What percentage of **potato** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

44. Of the **potato** materials requested, what percent already had

(a) useful data for the trait(s) of interest?	<input type="text"/>
(b) other useful data?	<input type="text"/>

45. Over the next 10 years, do you expect your use of NPG**Spotato** accessions to change?

- increase
- decrease
- stay the same

Germplasm Requestor Survey

46. In the past 5 years, did you request NPGS accessions for **rice**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **rice** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

47. Number of **rice** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

48. Number of **rice** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

49. For **rice** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

50. For **rice** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

51. **Specify **Other** traits (Example: *Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

52. What percentage of **rice** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

53. Of the **rice** materials requested, what percent already had

(a) useful data for the trait(s) of interest?	<input type="text"/>
(b) other useful data?	<input type="text"/>

54. Over the next 10 years, do you expect your use of NPGS**rice** accessions to change?

- increase
- decrease
- stay the same

Germplasm Requestor Survey

55. In the past 5 years, did you request NPGS accessions for **sorghum**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **sorghum** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

56. Number of **sorghum** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

57. Number of **sorghum** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

58. For **sorghum** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

59. For **sorghum** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

60. **Specify **Other** traits (*Example: Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

61. What percentage of **sorghum** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

62. Of the **sorghum** materials requested, what percent already had

(a) useful data for the trait(s) of interest?	<input type="text"/>
(b) other useful data?	<input type="text"/>

63. Over the next 10 years, do you expect your use of NPGS**sorghum** accessions to change?

- increase
- decrease
- stay the same

64. In the past 5 years, did you request NPGS accessions for **soybeans**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **soybean** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

65. Number of **soybean** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

66. Number of **soybean** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

67. For **soybean** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

68. For **soybean** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

69. **Specify **Other** traits (*Example: Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

70. What percentage of **soybean** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

71. Of the **soybean** materials requested, what percent already had

(a) useful data for the trait(s) of interest?	<input type="text"/>
(b) other useful data?	<input type="text"/>

72. Over the next 10 years, do you expect your use of NPGS **soybean** accessions to change?

- increase
- decrease
- stay the same

73. In the past 5 years, did you request NPGS accessions for **squash**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **squash** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

74. Number of **squash** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

75. Number of **squash** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

76. For **squash** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

77. For **squash** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

78. **Specify **Other** traits (*Example: Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

79. What percentage of **squash** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

80. Of the **squash** materials requested, what percent already had

(a) useful data for the trait(s) of interest?	<input type="text"/>
(b) other useful data?	<input type="text"/>

81. Over the next 10 years, do you expect your use of NPGS **squash** accessions to change?

- increase
- decrease
- stay the same

82. In the past 5 years, did you request NPGS accessions for **wheat**?

Yes

No

Germplasm Requestor Survey

Please estimate the number of **wheat** accessions you requested and received from NPGS in the past 5 years. Throughout this questionnaire, answer only for the germplasm type(s) requested.

83. Number of **wheat** accessions *requested*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

84. Number of **wheat** accessions *received*

Cultivars (final varieties)

Other types of advanced breeding material

Landraces

Wild or weedy relatives

Genetic stocks

Type of material unknown

85. For **wheat** materials requested during the past 5 years, please estimate the percentage of accessions that you intended for each purpose shown below (totals may exceed 100%).

Breeding / Prebreeding (%)

Basic research (%)

Evaluation for specific trait(s) (%)

Add to collection (%)

Germplasm Requestor Survey

86. For **wheat** materials requested during the past 5 years, what traits were you looking for, if any? Please give approximate percentage. (Totals may exceed 100 if used for more than one purpose.)

	Abiotic Tolerance: Temperature	Abiotic Tolerance: Moisture	Abiotic Tolerance: Other	Biotic Tolerance & Resistance	Yield	Quality	Other**
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

87. **Specify **Other** traits (Example: *Cultivars - Early maturity*)

Cultivars (final varieties)	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>
Landraces	<input type="text"/>
Wild or weedy relatives	<input type="text"/>
Genetic stocks	<input type="text"/>
Type of material unknown	<input type="text"/>

Germplasm Requestor Survey

88. What percentage of **wheat** materials received during the last 5 years has been useful?

	Useful in breeding program	Still being evaluated	Useful in other ways	Not useful
Cultivars (final varieties)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other types of advanced breeding material	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Landraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wild or weedy relatives	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Genetic stocks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Type of material unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

89. Of the **wheat** materials requested, what percent already had

(a) useful data for the trait(s) of interest?	<input type="text"/>
(b) other useful data?	<input type="text"/>

90. Over the next 10 years, do you expect your use of NPGS**wheat** accessions to change?

- increase
- decrease
- stay the same

Germplasm Requestor Survey

91. For which type of institution do you work? (Mark one.)

- Seed company
- Government agency
- University
- Non-Governmental organization
- Genebank (national)
- Genebank (regional)
- Genebank (international)
- Self-employed
- Other (please specify)

92. What best describes your primary profession? (Mark one.)

- Acquisition/curatorial activities
- Pre-breeding/evaluation activities
- Breeding
- Genetics/molecular biology
- Education
- Farming
- Other (please specify)

Germplasm Requestor Survey

93. What do you see as the main benefits of the NPGS? (Optional, no character limit.)

94. What do you see as the primary problems with the NPGS? (Optional, no character limit.)