

Title: Netherlands-Pakistan GermPlasm Expedition 1976 (NPE)

Dates of collection: July - August 1976

Collectors: M. Mesken, H.D. Mastebroek, W. Lange, A.R. Rao, A. Shakoor and M. Latif Shad

Crop: Wheat Triticum aestivum

Region/Country(ies): Chitral & Swat, NWFP, Pakistan

Number of samples collected: 308 main samples and 41 subsamples, total 349

Name institutions where samples were deposited at the time of collection (give numbers of samples deposited at each):

1. PARC, Islamabad* Number: 349

2. SVP, Wageningen, Netherlands Number: 349

3. _____ Number: _____

4. _____ Number: _____

What percentage of the samples still needs multiplication to provide sufficient stock for storage and distribution following IBPGR recommendations: _____

Name institutions responsible for this multiplication work:

All samples have been multiplied at the SVP

Name institutions where samples were deposited after multiplication:

1. Genebank FAL, Braunschweig / Völkenrode

2. _____

3. _____

4. _____

* In two years with heavy attacks from rusts all wheat samples were lost. Therefore, I brought seed from each sample with me to PARC in 1981.

What percentage of the samples has been characterized:

1. According to IBPGR passport data: 100%
2. According to IBPGR minimum descriptor list for this crop 100%
3. By other methods: See computer sheets
(state extent of evaluation)

Name institutions holding this data: PARC, SVP, Braunschweig

How is information stored:

uncompiled in notebooks ☐ consolidated on index cards ☐
consolidated in ledgers ☐ entered into a computer ☒
(if computerized please return printout of data with this form)

What type of computer is used to store the information: WANG 2200

Has the information on samples been duplicated: ☒ yes ☐ no

Has the information on samples been sent to storage sites: ☒ yes ☐ no

What type of storage is provided for the samples at your institution:

☐ Active (kept as breeders/working collections)
☒ Medium-term (around 0°C)
☐ Long-term (below 0°C)

Institutions which have received samples by request or exchange:
(give dates and numbers of samples)

1. _____ Date: _____ Number: _____
2. _____ Date: _____ Number: _____
3. _____ Date: _____ Number: _____
4. _____ Date: _____ Number: _____

(Attach separate sheet if necessary)

Any other notes: Part of the material is incorporated in
breeding programmes of the SVP.

Title: Netherlands - Pakistan Germ Plasm Expedition 1976 (NPE)

Dates of collection: July - August 1976

Collectors: M. Mesken, H. D. Mastebroek, W. Lange, A. R. Rao, A. Shakoar and M. Latif Shad

Crop: Barley Hordeum vulgare

Region/Country(ies): Chitral & Swat, NWFP, Pakistan

Number of samples collected: 161 main samples and 55 subsamples, total 216

Name institutions where samples were deposited at the time of collection
(give numbers of samples deposited at each):

1. PARC, Islamabad Number: 216

2. SUP, Wageningen, Netherlands Number: 216

3. _____ Number: _____

4. _____ Number: _____

What percentage of the samples still needs multiplication to provide
sufficient stock for storage and distribution following IBPGR
recommendations: _____

Name institutions responsible for this multiplication work:

All samples have been multiplied at SUP

Name institutions where samples were deposited after multiplication:

1. Genebank FAL, Braunschweig / Völkervode

2. _____

3. _____

4. _____

What percentage of the samples has been characterized:

1. According to IBPGR passport data: 100 %
2. According to IBPGR minimum descriptor list for this crop 100 %
3. By other methods: see computer sheets
(state extent of evaluation)

Name institutions holding this data: PARC, SUP, Braunschweig

How is information stored:

uncompiled in notebooks ☐ consolidated on index cards ☐
consolidated in ledgers ☐ entered into a computer ☒
(if computerized please return printout of data with this form)

What type of computer is used to store the information: WANG 2200 (at SUP)

Has the information on samples been duplicated : ☒ yes ☐ no

Has the information on samples been sent to storage sites: ☒ yes ☐ no

What type of storage is provided for the samples at your institution:

☐ Active (kept as breeders/working collections)
☒ Medium-term (around 0°C)
☐ Long-term (below 0°C)

Institutions which have received samples by request or exchange:
(give dates and numbers of samples)

1. _____ Date: _____ Number: _____
2. _____ Date: _____ Number: _____
3. _____ Date: _____ Number: _____
4. _____ Date: _____ Number: _____

(Attach separate sheet if necessary)

Any other notes: Part of the material is incorporated in breeding programmes of the SUP

Title: Netherlands - Pakistan Germ Plasm Expedition 1976 (NPE)

Dates of collection: July - August 1976

Collectors: M. Mesken, H.D. Maskebroek, W. Lange, A.R. Rao, A. Shakoor and M. Latif Shad

Crop: Rice Oryza sativa

Region/Country(ies): Chitral & Swat, N.W.F.P., Pakistan

Number of samples collected: 13 main samples and 8 composite samples,
in total 21

Name institutions where samples were deposited at the time of collection
(give numbers of samples deposited at each):

1. PARC, Islamabad Number: 21

2. IRRI, Philippines Number: 21

3. _____ Number: _____

4. _____ Number: _____

What percentage of the samples still needs multiplication to provide
sufficient stock for storage and distribution following IBPGR
recommendations: ?

Name institutions responsible for this multiplication work:

IRRI

Name institutions where samples were deposited after multiplication:

1. _____

2. _____

3. _____

4. _____

What percentage of the samples has been characterized:

1. According to IBPGR passport data: _____ ?
2. According to IBPGR minimum descriptor list for this crop _____ ?
- _____ ?
3. By other methods: _____ ?
- (state extent of evaluation)

Name institutions holding this data: IRRI

How is information stored:

uncompiled in notebooks ☐ consolidated on index cards ☐
consolidated in ledgers ☐ entered into a computer ☐
(if computerized please return printout of data with this form)

What type of computer is used to store the information: _____

Has the information on samples been duplicated : ☒ yes ☐ no

Has the information on samples been sent to storage sites: ☒ yes ☐ no

What type of storage is provided for the samples at your institution:

 / / Active (kept as breeders/working collections)

 Medium-term (around 0°C)

Long-term (below 0°C)

Institutions which have received samples by request or exchange:
(give dates and numbers of samples)

1. _____ Date: _____ Number: _____
2. _____ Date: _____ Number: _____
3. _____ Date: _____ Number: _____
4. _____ Date: _____ Number: _____

(Attach separate sheet if necessary)

Any other notes: _____

Title: Netherlands-Pakistan Germ Plasm Expedition 1976 (NPE)

Dates of collection: July - August 1976

Collectors: M. Mesken, H.D. Mastebroek, W. Lange, A.R. Rao, A. Shakoer and M. Latif Shad

Crop: Millets

Region/Country(ies): Chitral & Swat, NWFP, Pakistan

Number of samples collected: 63

Name institutions where samples were deposited at the time of collection
(give numbers of samples deposited at each):

1. PARC, Islamabad Number: 63

2. ICRISAT, India Number: 63

3. Bari, Italy Number: 50

4. _____ Number: _____

What percentage of the samples still needs multiplication to provide
sufficient stock for storage and distribution following IBPGR
recommendations: 9

Name institutions responsible for this multiplication work:

See 1, 2 and 3 above

Name institutions where samples were deposited after multiplication:

1. _____

2. _____

3. _____

4. _____

What percentage of the samples has been characterized:

1. According to IBPGR passport data: _____ 90%
2. According to IBPGR minimum descriptor list for this crop _____ ?
3. By other methods: _____
(state extent of evaluation)

Name institutions holding this data: as 1, 2 and 3 above

How is information stored:

uncompiled in notebooks ☐ consolidated on index cards ☐
consolidated in ledgers ☐ entered into a computer ☐
(if computerized please return printout of data with this form)

What type of computer is used to store the information: _____

Has the information on samples been duplicated : ☐ yes ☐ no

Has the information on samples been sent to
storage sites: ☐ yes ☐ no

What type of storage is provided for the samples at your institution:

☐ Active (kept as breeders/working collections)
☐ Medium-term (around 0°C)
☐ Long-term (below 0°C)

Institutions which have received samples by request or exchange:
(give dates and numbers of samples)

1. _____ Date: _____ Number: _____
2. _____ Date: _____ Number: _____
3. _____ Date: _____ Number: _____
4. _____ Date: _____ Number: _____

(Attach separate sheet if necessary)

Any other notes: _____

Title: Netherlands-Pakistan Germ Plasm Expedition 1976. (NPE)

Dates of collection: July - August 1976

Collectors: M Mesken, H.D. Mastebroek, W. Lange, A.R. Rao, A. Shakeer and M. Latif Shad

Crop: Maize Zea mays

Region/Country(ies): Chitral & Swat, NWFP, Pakistan

Number of samples collected: 140 main samples and 9 subsamples, total 149

Name institutions where samples were deposited at the time of collection
(give numbers of samples deposited at each):

1. PARC, Islamabad Number: 149

2. SVP, Wageningen, Netherlands Number: 149

3. _____ Number: _____

4. _____ Number: _____

What percentage of the samples still needs multiplication to provide
sufficient stock for storage and distribution following IBPGR
recommendations: 50%

Name institutions responsible for this multiplication work:

SVP (we had many difficulties with multiplication, but hope that, in 1983, we will succeed in multiplying the last samples)

Name institutions where samples were deposited after multiplication:

1. _____

2. _____

3. _____

4. _____

What percentage of the samples has been characterized:

1. According to IBPGR passport data: 100%

2. According to IBPGR minimum descriptor list for this crop 100%

3. By other methods: _____
(state extent of evaluation)

Name institutions holding this data: SVP

How is information stored:

uncompiled in notebooks part ☒ consolidated on index cards ☐
consolidated in ledgers ☐ entered into a computer ☒ passport data
(if computerized please return printout of data with this form)

What type of computer is used to store the information: WANG 2200

Has the information on samples been duplicated : ☒ yes ☐ no

Has the information on samples been sent to
storage sites: ☐ yes ☐ no

What type of storage is provided for the samples at your institution:

☐ Active (kept as breeders/working collections)
☒ Medium-term (around 0°C)
☐ Long-term (below 0°C)

Institutions which have received samples by request or exchange:
(give dates and numbers of samples)

1. Van der Have Breeding Station Date: 1978 Number: ± all
(for multiplication)

2. Zelder Breeding Station Date: 1978 Number: all
(for multiplication)

3. _____ Date: _____ Number: _____

4. _____ Date: _____ Number: _____

(Attach separate sheet if necessary)

Any other notes: _____

Title: Netherlands - Pakistan Germ Plasm Expedition 1976 (NPE)

Dates of collection: July - August 1976

Collectors: M. Mesken, H.D. Mastebroek, W. Lange, A.R. Rao, A. Shakoor and M. Latif Shad

Crop: Rye Secale cereale

Region/Country(ies): Chitral & Swat, NWFP, Pakistan

Number of samples collected: 16 main samples and 159 subsamples, in total 175

Name institutions where samples were deposited at the time of collection
(give numbers of samples deposited at each):

1. PARC, Islamabad Number: 16 main samples

2. SVD, Wageningen, Netherlands Number: 175

3. _____ Number: _____

4. _____ Number: _____

What percentage of the samples still needs multiplication to provide
sufficient stock for storage and distribution following IBPGR
recommendations: —

Name institutions responsible for this multiplication work:

Name institutions where samples were deposited after multiplication:

1. Germbank FAL, Braunschweig / Völkensode

2. _____

3. _____

4. _____

What percentage of the samples has been characterized:

1. According to IBPGR passport data: ± 80%
2. According to IBPGR minimum descriptor list for this crop ?
3. By other methods: _____
(state extent of evaluation)

Name institutions holding this data: Genbank FAL, Braunschweig

How is information stored:

uncompiled in notebooks consolidated on index cards
consolidated in ledgers entered into a computer
(if computerized please return printout of data with this form)

What type of computer is used to store the information: _____

Has the information on samples been duplicated : yes no

Has the information on samples been sent to storage sites: yes no

What type of storage is provided for the samples at your institution:

 Active (kept as breeders/working collections)
 Medium-term (around 0°C)
 Long-term (below 0°C)

Institutions which have received samples by request or exchange:
(give dates and numbers of samples)

1. Cebeco Breeding Station Date: 1977 Number: 50%
(for multiplication)
2. Zelder Breeding Station Date: 1977 Number: 50%
(for multiplication)
3. _____ Date: _____ Number: _____
4. _____ Date: _____ Number: _____

(Attach separate sheet if necessary)

Any other notes: _____

Title: Netherlands-Pakistan Germ Plasm Expedition 1976 (NPE)

Dates of collection: July August 1976

Collectors: M. Mesken, H.D. Mastebroek, W. Lange, A.R. Rao, A. Shakoor and M. Latif Shad.

Crop: Broad beans Vicia faba

Region/Country(ies): Chitral & Swat, NWFP, Pakistan

Number of samples collected: 23 main samples and 6 subsamples, intotal 29

Name institutions where samples were deposited at the time of collection
(give numbers of samples deposited at each):

1. PARC, Islamabad Number: 29

2. SUP, Wageningen, Netherlands Number: 29

3. _____ Number: _____

4. _____ Number: _____

What percentage of the samples still needs multiplication to provide
sufficient stock for storage and distribution following IBPGR
recommendations:

Name institutions responsible for this multiplication work:

SUP

Name institutions where samples were deposited after multiplication:

1. _____

2. _____

3. _____

4. _____

What percentage of the samples has been characterized:

1. According to IBPGR passport data: 100 %
2. According to IBPGR minimum descriptor list for this crop
3. By other methods: used in crosses with European varieties : results disappointing
(state extent of evaluation)

Name institutions holding this data: SVP

How is information stored:

How is information stored: *other characteristics*

uncompiled in notebooks /X/ consolidated on index cards /

consolidated in ledgers / entered into a computer /X/ *passport*

(if computerized please return printout of data with this form)

What type of computer is used to store the information: _____

Has the information on samples been duplicated : ☒ yes ☐ no

Has the information on samples been sent to storage sites: ☐ yes ☐ no

What type of storage is provided for the samples at your institution:

<u> </u>	Active (kept as breeders/working collections)
<u> </u>	Medium-term (around 0°C)
<u> </u>	Long-term (below 0°C)

Institutions which have received samples by request or exchange:
(give dates and numbers of samples)

1. _____ Date: _____ Number: _____
2. _____ Date: _____ Number: _____
3. _____ Date: _____ Number: _____
4. _____ Date: _____ Number: _____

(Attach separate sheet if necessary)

Any other notes: severe lodging, very susceptible to Botrytis, good self fertility
low yielding, average protein content