Dates of collection: July - August 1976	
Collectors: M. Mesken, H.D. Mastebroek, W. Lange, A.R.	Rao, A Shakoor and
Crop: Wheat Triticum aestivum	
Region/Country(ies): Chitral & Swat, NWFP, Pal	
Number of samples collected: 308 main samples and	L 41 subsamples, tota
Name institutions where samples were deposited at the (give numbers of samples deposited at each):	V .
1. PARC, Islamabad*	Number:_34 <i>a</i>
*	
2. SVP, Wageningen, Netherlands	Number: 34g
3. <u></u>	Number:
·	Number:
That percentage of the samples still needs multiplication sufficient stock for storage and distribution following ecommendations:	on to provide g IBPGR
ame institutions responsible for this multiplication v	work:
All samples have been multiplied at the SU	
ame institutions where samples were deposited after mu	ultiplication:
· Genebank FAL, Braunschweig / Völkenrode	
•	···

to PARC in 1981.

What percentage of the samples has been char	_	is it
1. According to IBPGR passport data:	00%	
2. According to IBPGR minimum descriptor lis	t for this cro	p 100%
3. By other methods: See computer (state extent of evaluation)	sheets	
Name institutions holding this data: PARC	SVP, Brau	en schweif
How is information stored:		
uncompiled in notebooks /_/ conso	lidated on inde	ex cards /_/
consolidated in ledgers /_/ enter (if computerized please return printout of	ed into a comp	uter $/\overline{X}/$
What type of computer is used to store the i		
Has the information on samples been duplicat	ed: $/\overline{X}/$ ye	s /_/ no
Has the information on samples been duplicated. Has the information on samples been sent to storage sites:	<u>/</u>	s <u>//</u> no
What type of storage is provided for the sam	ples at your i	nstitution:
/_/ Active (kept as		
/ X / Medium-term (ar	_	
Long-term (belo	_	
Institutions which have received samples by (give dates and numbers of samples	request or exc	hange:
1	Date:	Number:
2	Date:	Number:
3.		Number:
4	Date:	Number:
(Attach separate sheet if necessary)		
Any other notes: Part of the material	is incorpora	ited in
bracking programmes of the SVP.		

Title: Netherlands-Pakistan Germ Plasm Exper	dition and cupa
Dates of collection: July - August 19	
Collectors: M. Mesken, H.D. Mastebroek, W. Lange, F	R. Rao, A. Shakoor and
Crop: Barley Hordenn vulgar	re
Region/Country(ies): Chitral & Swat, NWFP, Pa	kistan
Number of samples collected: 161 main samples and	nd 55 subsamples, total 216
Name institutions where samples were deposited at t (give numbers of samples deposited at each):	he time of collection
1. PARC, Islamabad	Number: 216
2. SUP, Wageningen, Netherlands	Number: 216
3	Number:
4	Number:
What percentage of the samples still needs multiplicated sufficient stock for storage and distribution follow recommendations: Name institutions responsible for this multiplication follows and the samples have been multiplied at SU	wing IBPGR
Name institutions where samples were deposited after	multiplication.
· Genebank FAL, Braunschweig / Völken vod	
•	
3	

What percentage of the samples has been cha	racterized:	. 4
1. According to IBPGR passport data:		
2. According to IBPGR minimum descriptor li		100%
3. By other methods: <u>see Computer</u> (state extent of evalu		
Name institutions holding this data: PAT	cc , sup , B	vaun schweig
How is information stored:	5	
uncompiled in notebooks /_/ conscious consolidated in ledgers /_/ enter (if computerized please return printout of	red into a comput	er <u>/X</u> /
What type of computer is used to store the	information: <u>Wan</u>	G 2200 (at SUP)
Has the information on samples been duplicate	ted: /X/ yes	
Has the information on samples been sent to storage sites:	<u>/</u>	<u>//</u> no
What type of storage is provided for the same	mples at your ins	titution:
$\frac{\sqrt{}}{\sqrt{}}$ Active (kept as	s breeders/working	g collections)
/X/ Medium-term (an	round 0°C)	
	ow O ^O C)	
Institutions which have received samples by (give dates and numbers of samples		nge:
1	Date:	Number:
· ·		
2	Date:	Number:
3		Number:
4.	Date:	Number:
(Attach separate sheet if necessary)	<u> </u>	
Any other notes: Part of the material	is incorporate	d 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
Crop: Rice Oryza sativa	
Region/Country(ies): Chitral & Swat, N.W.F.P.	akistan
Number of samples collected: 13 main Samples and 8 co	emposite Samples,
Name institutions where samples were deposited at the time (give numbers of samples deposited at each):	
1. PARC, Islamahad	Number: 21
2. IRRI. Philippines	Number: 21
3	Number:
4	Number:
What percentage of the samples still needs multiplication to sufficient stock for storage and distribution following IBS recommendations: Name institutions responsible for this multiplication work	PGR:
Name institutions where samples were deposited after multiple	
2	
3	
4	

What percentage of the samples has been	characterizade	
1. According to IBPGR passport data:	endracectrzed:	9
2. According to IBPGR minimum descriptor	list for this	crop .
3. By other methods:		?
(state extent of eva	luation)	
Name institutions holding this data:	IRRI	
dow is information stored:	E	
uncompiled in notebooks / / con	nsolidatod om :	—.
	tered into a con	ndex cards //
(if computerized please return printout	of data with the	mputer /_/
·		iis form)
That type of computer is used to store the	e information:	
as the information		
as the information on samples been duplic		res / / no
as the information on samples been sent t storage sites:		
	<u>/_</u> / y	The state of the s
hat type of storage is provided for the s	amples at wave	
<u>/</u> / Active (kept	as breeders/wor	institution: king collections)
	as breeders/wor	
/_/ Active (kept / / / Medium-term (/ / / Long-term (be	as breeders/wor around O ^O C) low O ^O C)	king collections)
/_/ Active (kept /_/ Medium-term (/_/ Long-term (be nstitutions which have received samples by give dates and numbers of samples	as breeders/wor around O ^O C) low O ^O C) y request or ex	king collections)
/_/ Active (kept // / Medium-term (// / Long-term (benstitutions which have received samples by give dates and numbers of samples	as breeders/wor around O ^O C) low O ^O C) y request or ex	king collections)
/_/ Active (kept /_// Medium-term (/// Long-term (beinstitutions which have received samples by give dates and numbers of samples	as breeders/wor around O ^O C) low O ^O C) y request or ex Date:	king collections) change:Number:
/ Active (kept/_ / Medium-term (/_ / Long-term (be/_ / Long-term (be/_ / Long-term (be/_) stitutions which have received samples by give dates and numbers of samples	as breeders/wor around O ^O C) low O ^O C) y request or ex Date:	king collections) change:Number:
/_/ Active (kept /_/ Medium-term (/_/ Long-term (be nstitutions which have received samples by give dates and numbers of samples	as breeders/wor around 0°C) low 0°C) y request or ex Date: Date:	king collections) change:Number:
/ Active (kept/_ / Medium-term (/_ / Long-term (be nstitutions which have received samples by give dates and numbers of samples	as breeders/wor around 0°C) low 0°C) y request or ex Date:	king collections) change: Number:
/ Active (kept/_ / Medium-term (/ Long-term (be nestitutions which have received samples by give dates and numbers of samples	as breeders/wor around 0°C) low 0°C) y request or ex Date:	king collections) change: Number:
/_ Active (kept/_ / Medium-term (/_ / Long-term (be nestitutions which have received samples by give dates and numbers of samples	as breeders/wor around 0°C) low 0°C) y request or ex Date: Date:	king collections) change: Number: Number: Number:
/_ Active (kept/_ / Medium-term (/_ / Long-term (be nstitutions which have received samples by give dates and numbers of samples	as breeders/wor around 0°C) low 0°C) y request or ex Date: Date:	king collections) change: Number: Number: Number:
/ Active (kept// Medium-term (// Long-term (be nstitutions which have received samples by give dates and numbers of samples	as breeders/wor around 0°C) low 0°C) y request or ex Date: Date:	king collections) change: Number: Number: Number:

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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
Crop: Millets	The Later Shad
Region/Country(ies): Chitral & Sweet, NWFP Pak	cistan
Number of samples collected: 63	
Name institutions where samples were deposited at the ti (give numbers of samples deposited at each):	
1. PARC, Islamabad	Number: 63
2. ICRISAT, India	
3. Bari, Graly	
4	Number:
What percentage of the samples still needs multiplication sufficient stock for storage and distribution following recommendations: Name institutions responsible for this multiplication wo	IBPGR
Name institutions where samples were deposited after mul	
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 c	rop
3. By other methods: (state extent of every state extent of every state)	aluation)	
· ·	*	
Name institutions holding this data: as	1,2 and 3 a	boue
How is information stored:		
uncompiled in notebooks $\frac{1}{2}$	onsolidated on ir	ndex cards / /
consolidated in ledgers /_/ en	ntered into a con	nputer / /
(if computerized please return printout	t of data with th	nis form)
What type of computer is used to store the	ne information:	•
•	-	
Has the information on samples been dupli	icated: / / y	res / / no
Has the information on samples been sent		<u></u>
storage sites:		res <u>/ /</u> no
What type of storage is provided for the	samples at your	institution:
The state of the s		king collections)
	(around 0°C)	
	below O ^O C)	
Institutions which have received samples (give dates and numbers of samples		cchange:
1	Date:	Number:
2	Date:	Number:
3	Date:	Number:
4.	Date:	Number:
(Attach separate sheet if necessary)		
,		

Title: Netherlands-Pakistan Germ Plasm Exp	sedition 10176 (NDF)
Dates of collection: July August 197	76
Collectors: M. Mesken, H.O. Mastebroek, W. Lang	30, AR Rao, A Shakoor and
Crop: Maize Zea mays	M. Latif Shad
Region/Country(ies): Chitral & Swat, NWFP	
Number of samples collected: 140 main Samples au	ed grubsamples, total 149
Name institutions where samples were deposited at (give numbers of samples deposited at each):	
1. PARC, Islamabad	Number: 149
SUP, Wageningen, Netherlands	Number: 14g
•	Number:
•	Number:
recommendations: 50%	lowing IBPGR tion work:
What percentage of the samples still needs multiple sufficient stock for storage and distribution fol secondendations: 50% Jame institutions responsible for this multiplication of the samples were deposited after the samples were	tion work: Utiplication, but multiplying the last samples) ter multiplication:
ame institutions responsible for this multiplica SVP (what many definition with him hope that in 1983, we will succeed in A ame institutions where samples were deposited af	tion work: Utiplication, but multiplying the last samples) ter multiplication:
Jame institutions responsible for this multiplication of the south of	tion work: Chiplication, but multiplying the last samples) ter multiplication:

what percentage of the samples has been chara	acterized:	
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 evaluate	ion)	
Name institutions holding this data:	/P	
How is information stored:		
uncompiled in notebooks $\frac{\sqrt{X}}{\sqrt{X}}$ consol	idated on index	
consolidated in ledgers / / entere	d into a compute	r XI passport dala
(if computerized please return printout of		orm)
What type of computer is used to store the in	formation: WAN	IG 2200_
Has the information on samples been duplicate	d : / <u>/X</u> / yes	// no
Has the information on samples been sent to storage sites:		
What type of storage is provided for the samp	les at your inst	itution:
$\frac{\sqrt{}}{}$ Active (kept as	breeders/working	collections)
$\sqrt{\times}$ Medium-term (aro	und 0°C)	
	o°c)	
Institutions which have received samples by regive dates and numbers of samples	equest or exchan	ge:
1. Van der Have Breeding Station (for multiplication)	Date: 1970	Number: <u> </u>
2. Zelder Breeding Station (for multiplication)		
3		
4	Date:	Number:
(Attach separate sheet if necessary)		
Any other notes:		

Title: Netherlands-Pakistan Germ Plasm Expedit	tion 1976 (NPE)
Dates of collection: July August 1976	- J/ J
Collectors: M. Mesken, H.D. Mastebroek, W. Lange, A.R.	Rao A Shakoor and
Crop: Rye Secale ceneale	M.'Latif Shad
Region/Country(ies): Chital & Swat, NUFP, Pa	
Number of samples collected: 16 main samples and 159 se	
Name institutions where samples were deposited at the t (give numbers of samples deposited at each):	
1. PARC, Islamated	Number: 16 main samples
2. SUD , Wageningen, Netherlands	Number: 175
3	Number:
4	Number:
What percentage of the samples still needs multiplication sufficient stock for storage and distribution following recommendations:	n to provide IBPGR
Name institutions responsible for this multiplication wo	ork:
Name institutions where samples were deposited after mul	ltiplication:
1. Genehank FAL, Braunschweig / Völkenrode	
2	
3	·
4	, , , , , , , , , , , , , , , , , , ,

What percentage of the samples has been char	acterized:	
1. According to IBPGR passport data:	± 80%	
2. According to IBPGR minimum descriptor lis	t for this crop	?
3. By other methods:		
(state extent of evalua	tion)	
Name institutions holding this data: <u>Gluba</u>	nk FAL Braun	schweig
How is information stored:	±	
uncompiled in notebooks / / conso	lidated on index	cards <u>//</u>
consolidated in ledgers /_/ enter	ed into a compute	er <u>/X/</u>
(if computerized please return printout of	data with this	form)
What type of computer is used to store the i	nformation:	
made type of compater is about to store the i		
Has the information on samples been duplicat	ed: ½/ yes	
Has the information on samples been sent to storage sites:	/ <u>/</u> // yes	<u>//</u> no
What type of storage is provided for the sam	nples at your ins	titution:
	breeders/working	g collections)
—— / <mark>≪</mark> / Medium−term (an	_	
/_/ Long-term (belo		
Institutions which have received samples by (give dates and numbers of samples		nge:
-	Date: 1977	Number: 50%
1. Cebeco Breeding Station (for multiplication)	- J/ (
2. Zelder Breeding Station (for multiplication)	Date:1977	
(for multiplication)		
3	Date:	Number:
4	Date:	Number:
(Attach separate sheet if necessary)		
Any other notes:		

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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
Crop: Broad beans Vicia faba	M. Latif Shad.
Region/Country(ies): Chitral & Swot, NWFP, Pakistan	
Number of samples collected: 23 main samples and 6	mbsamples, intotal 29
Name institutions where samples were deposited at the time (give numbers of samples deposited at each):	of collection
1. PARC, Islamahad	Number: 2g
2. SUP, Wageningen, Nethulands	Number: 29
3	Number:
4	Number:
What percentage of the samples still needs multiplication to sufficient stock for storage and distribution following IBF recommendations: Name institutions responsible for this multiplication work:	PGR
Name institutions where samples were deposited after multip	olication:
1	
3	
4	

What percentage of the samples has been characte	rized:	
1. According to IBPGR passport data:	100 %	
2. According to IBPGR minimum descriptor list fo	r this crop	
3. By other methods: <u>used in crosses with Eur</u> (state extent of evaluation		disappointing
Name institutions holding this data: SVP		
How is information stored: uncompiled in notebooks /X/ consolidate consolidated in ledgers / / entered in (if computerized please return printout of data) What type of computer is used to store the inform	nto a computer $/X/$	passport
Has the information on samples been duplicated:	/ <u>//</u> / yes /_/ no	
Has the information on samples been duplicated: 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 bree	eders/working collections	s)
\sqrt{X} Medium-term (around	_	
/_/ Long-term (below 0°C		
Institutions which have received samples by reque (give dates and numbers of samples		
1 Dat	ce: Number:	
2Dat	ce: Number:	
3Dat	ce: Number:	
4Date	te:Number:	
(Attach separate sheet if necessary)		
Any other notes: severe lodging, very ruscephille to	o Botrytus, good & relffert	ility
low gielding average molein content		