

Characterising Institute code DEU001

Country of characterisation Germany

Farm or Institute address Federal Centre for Breeding Research on Cultivated Plants (BAZ) - Gene Bank, Bundesallee 50, D-38116 Braunschweig

Latitude 52.17.35N

Longitude 010.26.55E

Elevation 81

Evaluators name Lothar Frese

Evaluation environment Field

Institute code	Accession number	Species	Subtaxa	Accession name	Sowing date	Harvest date	Longevity	Anthocyanin in petiole
DEU001	BGRC 46585	carota L.	sativus	BIRIUCEKUTSKAJA 415	20010518	20011002	2.0	3.0
DEU001	BGRC 50411	carota L.			20010518	20011002	1.0	
DEU001	BGRC 50553	carota L.			20010518	20011002	1.0	
DEU001	BGRC 50770	carota L.			20010518	20011002	1.0	
DEU001	BGRC 50782	carota L.			20010518	20011002	1.0	
DEU001	BGRC 52121	carota L.			20010518	20011002	1.0	
DEU001	BGRC 52136	carota L.			20010518	20011002	1.0	
DEU001	BGRC 56332	carota L.	sativus	TOUCHOU	20010518	20011002	2.0	3.0
DEU001	BGRC 56336	carota L.	sativus	OLYMPIA	20010518	20011002	2.0	3.0
DEU001	BGRC 56338	carota L.	sativus	NANTESSKA	20010518	20011002	2.0	3.0
DEU001	BGRC 56339	carota L.	sativus	KAROTINA	20010518	20011002	2.0	3.0
DEU001	BGRC 56349	carota L.			20010518	20011002	1.0	
DEU001	BGRC 56369	carota L.	sativus	CANNER'S SPEZIAL	20010518	20011002	2.0	3.0
DEU001	BGRC 56373	carota L.	sativus	DANVER'S HALF LONG	20010518	20011002	2.0	3.0
DEU001	BGRC 56378	carota L.	sativus	GOLDINHART	20010518	20011002	2.0	3.0
DEU001	BGRC 56379	carota L.	sativus	IMPERATOR EXTRA LONG	20010518	20011002	2.0	3.0
DEU001	BGRC 58351	carota L.	sativus	SANTENE 2461	20010518	20011002	2.0	3.0
DEU001	BGRC 62634	carota L.	sativus	LANGE ROTE STUMPFE OHNE HERZ 1	20010518	20011002	2.0	3.0
DEU001	BGRC 62635	carota L.	sativus	LANGE ROTE STUMPFE OHNE HERZ 2	20010518	20011002	2.0	3.0
DEU001	BGRC 63320	carota L.			20010518	20011002	1.0	
DEU001	BGRC 63346	carota L.			20010518	20011002	1.0	
DEU001	BGRC 63347	carota L.			20010518	20011002	1.0	
DEU001	BGRC 64121	carota L.			20010518	20011002	1.0	
DEU001	BGRC 65695	carota L.	sativus	KARSA	20010518	20011002	2.0	3.0

DEU001	BGRC 69566	carota L.	sativus	KORALLE	20010518	20011002	2.0	3.0
		carota L.	sativus	AMSTERDAM 2	20010518	20011002	2.0	3.0
		carota L.	sativus	AUTUMN KING 2	20010518	20011002	2.0	3.0
		carota L.	sativus	PARMEX	20010518	20011002	2.0	3.0
DEU001	BGRC 46584	carota L.	sativus	KONSERVNAJA 63	20000608	20001010	2.0	5.0
DEU001	BGRC 46587	carota L.	sativus	NIIOH 336	20000608	20001010	2.0	4.0
DEU001	BGRC 46588	carota L.	sativus	MSAKI SURH	20000608	20001010	2.0	3.0
DEU001	BGRC 46591	carota L.	sativus	SATRIJA	20000608	20001010	2.0	5.0
DEU001	BGRC 52231	carota L.	sativus	NANTES	20000608	20001010	2.0	6.0
DEU001	BGRC 55504	carota L.	sativus	SENTA	20000608	20001010	2.0	3.0
DEU001	BGRC 55505	carota L.	sativus	DALLI	20000608	20001010	2.0	4.0
DEU001	BGRC 56330	carota L.	sativus	YELLOW BELGIAN	20000608	20001010	2.0	3.0
DEU001	BGRC 56332	carota L.	sativus	TOUCHOU	20000608	20001010	2.0	7.0
DEU001	BGRC 56366	carota L.	sativus	NANTES HALF LONG	20000608	20001010	2.0	6.0
DEU001	BGRC 56367	carota L.	sativus	SCARLET NANTES STUMP	20000608	20001010	2.0	6.0
DEU001	BGRC 56368	carota L.	sativus	BURPEE'S OXHEART	20000608	20001010	2.0	6.5
DEU001	BGRC 56371	carota L.	sativus	CHANTENAY (MODEL)	20000608	20001010	2.0	6.0
DEU001	BGRC 56372	carota L.	sativus	CHANTENAY RED CORE 7	20000608	20001010	2.0	3.5
DEU001	BGRC 56374	carota L.	sativus	DENVER'S RED CORE	20000608	20001010	2.0	4.5
DEU001	BGRC 56375	carota L.	sativus	FRENCH FORCING	20000608	20001010	2.0	5.0
DEU001	BGRC 59152	carota L.	sativus	RUBIN	20000608	20001010	2.0	3.0
DEU001	BGRC 59153	carota L.	sativus	NICOLA	20000608	20001010	2.0	4.5
DEU001	BGRC 62633	carota L.	sativus	KONFRIX	20000608	20001010	2.0	4.0
DEU001	BGRC 62636	carota L.	sativus	NANTAISE 5	20000608	20001010	2.0	6.0
DEU001	BGRC 62637	carota L.	sativus	NANTAISE 5 -ARIANE-	20000608	20001010	2.0	6.0
DEU001	BGRC 65696	carota L.	sativus	NANTAISE 2 -MICHEL-	20000608	20001010	2.0	6.5
DEU001	BGRC 65697	carota L.	sativus	NANTAISE 2 -ROSY-	20000608	20001010	2.0	6.0
DEU001	BGRC 65698	carota L.	sativus	NANTAISE 4 -ROTETTA-	20000608	20001010	2.0	5.5
DEU001	BGRC 69563	carota L.	sativus	RUBICA	20000608	20001010	2.0	4.0
		carota L.	sativus	AMSTERDAM 2	20000608	20001010	2.0	5.5
		carota L.	sativus	AUTUMN KING 2	20000608	20001010	2.0	5.5
		carota L.	sativus	PARMEX	20000608	20001010	2.0	5.5
DEU001	DAU 50	carota L.	sativus	NANTAISE	20020330	20020910	2.0	0.0
DEU001	DAU 69	carota L.	sativus	BAUERS KIELER ROTE	20020330	20020910	2.0	0.0
DEU001	DAU 70	carota L.	sativus	JUWAROT	20020330	20020910	2.0	0.0
DEU001	DAU 83	carota L.	sativus	PRIMANTES	20020330	20020910	2.0	0.0

DEU001	DAU 105	carota L.	sativus	STUPICKA POLADLOUHA	20020330	20020910	2.0	0.0
DEU001	DAU 118	carota L.	sativus	ERSTLING	20020330	20020910	2.0	0.0
DEU001	DAU 119	carota L.	sativus	VERTOU	20020330	20020910	2.0	0.0
DEU001	DAU 139	carota L.	sativus	FANAL	20020330	20020910	2.0	0.0
DEU001	DAU 147	carota L.	sativus	EARLY SCARLET HORN	20020330	20020910	2.0	0.0
DEU001	DAU 152	carota L.	sativus	ERSTLING	20020330	20020910	2.0	0.0
DEU001	DAU 159	carota L.	sativus	FAKKEL MIX	20020330	20020910	2.0	0.0
DEU001	DAU 161	carota L.	sativus	FARBA	20020330	20020910	2.0	0.0
DEU001	DAU 168	carota L.	sativus	FABOR	20020330	20020910	2.0	0.0
DEU001	DAU 174	carota L.	sativus	CARIOCA	20020330	20020910	2.0	0.0
DEU001	DAU 183	carota L.	sativus	FLAM	20020330	20020910	2.0	0.0
DEU001	DAU 219	carota L.	sativus	SPERLINGS ATLAS	20020330	20020910	2.0	0.0
DEU001	DAU 234	carota L.	sativus		20020330	20020910	2.0	0.0
DEU001	BGRC 56341	carota L.	sativus	LAROSA	20020330	20020910	2.0	0.0
DEU001	BGRC 56335	carota L.	sativus	DELICIA	20020330	20020910	2.0	0.0
DEU001	BGRC 50887	carota L.	sativus	CHANTENAY CAROS	20020330	20020910	2.0	0.0
DEU001	BGRC 46586	carota L.	sativus	NANTSKAJA GORIJSKAJA	20020330	20020910	2.0	0.0
DEU001	BGRC 56337	carota L.	sativus	CHANTENAY LYSSKA	20020330	20020910	2.0	0.0
DEU001	BGRC 63320	carota L.	sativus		20020330	20020910	3.0	0.0
DEU001	DAU 248	carota L.	sativus		20020330	20020910	3.0	
DEU001	K 5665	carota L.	sativus		20020330	20020910	1.0	
DEU001		carota L.	sativus	AUTUMN KING 2	20020330	20020910	2.0	0.0
DEU001		carota L.	sativus	PARMEX	20020330	20020910	2.0	0.0
DEU001		carota L.	sativus	AMSTERDAM 2	20020330	20020910	2.0	0.0
DEU001	K 10134				20020330	20020910	1.0	0.0
DEU001	BGRC 46592	carota L.	sativus	GAUSES	20030424	20030827	2.0	5.0
DEU001	BGRC 50888	carota L.	sativus	CAPE MARKET	20030424	20030827	2.0	
DEU001	BGRC 56354	carota L.	sativus	ONWARD	20030424	20030827	2.0	
DEU001	BGRC 71109	carota L.	sativus		20030424	20030827	3.0	
DEU001		carota L.	sativus	NUTRIRED	20030424	20030827	2.0	
DEU001		carota L.	sativus	AUTUMN KING 2	20030424	20030827	2.0	
DEU001		carota L.	sativus	AMSTERDAM 2	20030424	20030827	2.0	5.0
DEU001		carota L.	sativus	PARMEX	20030424	20030827	2.0	5.0
DEU001	BGRC 50369	carota L.	carota		20030424		1.0	
DEU001	BGRC 50420	carota L.	carota		20030424		1.0	
DEU001	BGRC 50390	carota L.	carota		20030424		1.0	

DEU001	BGRC 50462	carota L.	carota	20030424	1.0
DEU001	BGRC 50474	carota L.	carota	20030424	1.0
DEU001	BGRC 50591	carota L.	carota	20030424	1.0

Leaf dissection	Foliage width crown	Root length	Root diameter	Relative core diameter	Root shape longitudinal	Root shoulder shape	Root skin colour	Root skin RHS code	Root skin intensity
4.0	5.0	6.0	6.0	5.5	3.0	1.0	3.0		3.0
5.0	4.0	5.0	3.0	5.0	3.0	1.0	3.0		3.0
4.0	5.0	8.0	5.0	5.5	3.0	1.5	3.0		3.0
4.0	5.0	5.0	5.0	5.0	3.0	2.3	3.0		3.0
7.0	5.0	6.0	3.0	5.5	3.0	1.0	3.0		3.0
4.0	5.0	7.0	9.0	6.0	3.0	1.0	3.0		3.0
6.0	5.0	6.0	5.0	6.0	3.0	1.5	3.0		3.0
3.0	5.0	5.0	6.0	6.5	3.0	1.0	3.0		3.0
3.0	5.0	7.0	5.0	6.3	3.0	1.0	3.0		3.0
4.0	6.0	5.0	9.0	6.0	3.0	1.0	3.0		3.0
4.0	4.0	7.0	2.0	5.0	3.5	2.0	3.0		3.0
5.0	5.0	7.0	4.0	5.0	3.0	2.3	3.0		3.0
3.0	5.0	7.0	6.0	5.5	3.0	1.0	3.0		3.0

3.0	4.0	1.0	3.0	5.0	2.0	1.0	3.0	3.0
3.0	3.0	7.0	1.0	3.0	4.0	2.5	3.0	3.0
4.0	5.0	9.0	6.0	7.0	3.0	1.0	3.0	3.0
3.0	4.0	1.0	6.0	5.0	2.0	1.0	3.0	3.0
3.0	5.0	7.0	4.0	5.0	3.0	1.5	3.0	5.0
3.0	6.0	8.0	5.0	5.5	3.0	3.0	3.0	5.0
3.0	6.0	6.0	6.0	5.0	3.0	1.0	3.0	5.0
5.0	4.0	7.0	2.0	5.5	3.5	2.0	3.0	5.0
3.0	3.0	7.0	3.0	6.0	3.5	3.0	3.0	5.0
3.0	5.0	7.0	4.0	5.5	3.5	1.5	3.0	5.0
3.0	4.0	7.0	1.0	4.5	4.0	3.5	3.0	5.0
3.0	5.0	9.0	3.0	7.0	3.0	3.5	2.0	5.0
3.0	3.0	9.0	2.0	5.5	3.5	2.0	3.0	5.0
3.0	5.0	9.0	4.0	6.5	3.5	2.0	3.0	5.0
3.0	3.0	8.0	3.0	6.0	3.5	3.5	3.0	5.0
3.0	5.0	4.0	8.0	6.0	3.0	1.0	3.0	5.0
3.0	5.0	7.0	7.0	6.0	3.0	1.0	3.0	5.0
3.0	5.0	7.0	6.0	7.0	3.0	1.0	3.0	5.0
3.0	5.0	8.0	5.0	6.5	3.0	1.0	3.0	5.0
3.0	5.0	2.0	9.0	6.5	2.0	1.0	3.0	5.0
3.0	4.0	1.0	8.0	6.0	1.5	1.0	3.0	5.0
3.0	3.0	7.0	3.0	4.5	3.5	2.0	3.0	5.0
3.0	3.0	1.0	7.0	5.0	1.5	1.0	3.0	5.0
3.0	5.0	8.0	4.0	5.0	3.5	3.0	3.0	5.0
3.0	5.0	7.0	3.0	5.5	4.0	3.0	3.0	5.0
3.0	4.0	8.0	3.0	4.5	4.0	3.5	3.0	5.0
3.0	5.0	7.0	3.0	5.0	3.0	2.5	3.0	5.0
3.0	5.0	7.0	2.0	5.0	3.0	2.0	3.0	5.0
3.0	5.0	5.0	7.0	7.0	3.0	1.0	3.0	5.0
3.0	3.0	8.0	1.0	3.5	4.0	3.0	3.0	5.0
3.0	5.0	7.0	3.0	7.0	3.0	2.0	3.0	5.0
3.0	3.0	1.0	8.0	5.0	2.0	1.0	3.0	5.0
7.0	4.0	7.0	5.0	6.0	3.0	2.0	3.0	5.0
5.0	6.0	9.0	6.0	6.0	3.0	4.0	3.0	6.0
4.5	6.0	7.0	7.0	6.5	3.0	3.5	3.0	6.0
5.0	7.0	6.0	8.0	6.0	3.0	3.0	3.0	4.5

4.5	6.5	5.0	9.0	7.5	3.0	2.5	3.0	5.0
5.5	4.5	6.0	7.0	5.0	3.0	1.5	3.0	5.0
6.0	5.0	7.0	5.0	5.0	3.0	2.0	3.0	5.0
5.0	4.0	6.0	6.0	5.5	3.0	1.5	3.0	5.0
4.5	6.0	5.0	9.0	6.5	3.0	2.5	3.0	5.0
5.0	5.5	7.0	8.0	5.5	3.0	2.0	3.0	4.5
3.5	5.5	6.0	8.0	6.5	3.0	3.0	3.0	5.0
4.0	6.5	7.0	7.0	6.5	3.0	3.0	3.0	5.0
5.0	4.5	6.0	8.0	6.5	3.0	1.0	3.0	5.0
5.5	4.0	5.0	3.0	5.0	3.0	1.5	3.0	5.5
6.5	6.0	7.0	7.0	6.5	3.0	4.0	3.0	5.0
5.5	5.5	8.0	8.0	6.0	3.4	2.0	3.0	5.0

4.5	6.0	7.0	7.0	7.0	3.0	4.0	3.0	5.0
5.5	4.0	5.0	5.0	6.0	3.0	1.5	3.0	5.0
5.0	5.0	5.0	9.0	7.0	3.0	2.0	3.0	5.5
0.0	5.0	5.0	8.0	7.5	3.0	2.0	3.0	5.0
5.0	5.0	5.0	7.0	6.5	3.0	1.5	3.0	5.0
4.5				7.0				

5.0	5.5	6.0	6.0	6.0	3.0	2.0	3.0	5.5
4.5	2.0	1.0	9.0	5.0	2.0	1.0	3.0	5.5
5.0	1.0	7.0	1.0	3.0	4.0	1.0	3.0	5.0
5.0								
5.0	3.0	7.0	5.0		3.0	1.0	3.0	5.0
	3.0	7.0	4.0		3.0	5.0	4.0	6.0
5.0	4.0	8.0	7.0		3.0	3.0	3.0	6.0
	6.0	9.0	9.0		3.0	4.0	2.0	4.0
7.0	3.0	9.0	2.0		3.0	5.0	5.0	5.0
5.0	3.0	9.0	5.0		3.0	4.0	3.0	6.0
4.0	2.0	8.0	1.0		4.0	2.0	3.0	5.0
5.0	3.0	1.0	9.0		2.0	1.0	3.0	5.0

Root cortex colour	Root cortex RHS colour	Root cortex colour intensity	Root core colour	Root core RHS colour	Root core colour intensity	Petiole hairiness	Leaf hairiness	Root branching	Notes
3.0		5.0	2.8		5.0				
3.0		4.5	2.5		5.0				
3.0		4.5	2.6		4.5				
3.0		4.0	2.5		4.0				
3.0		5.0	3.0		5.0				
3.0		4.5	3.0		5.0				
3.0		4.5	2.7		5.0				
3.0		5.0	3.0		4.5				
3.0		4.5	2.6		4.0				
3.0		4.5	2.9		5.0				
3.0		5.0	2.8		5.5				
3.0		5.0	3.0		5.0				
3.0		5.0	3.0		4.0				

3.0	6.0	3.0	5.0
3.0	5.0	3.0	5.5
3.0	5.5	3.0	6.5
3.0	5.0	2.9	4.8
5.0	4.0	3.0	4.0
3.0	5.0	3.0	5.0
3.0	3.5	2.5	3.0
3.0	3.0	3.0	3.5
3.0	3.0	3.0	3.0
3.0	4.5	3.0	4.5
3.0	4.0	3.0	4.0
2.0	5.0	2.0	5.0
3.0	4.5	3.0	3.0
3.0	4.0	3.0	3.0
3.0	4.5	3.0	3.0
3.0	3.5	3.0	3.0
3.0	4.0	3.0	4.0
3.0	4.5	3.0	6.0
3.0	4.5	3.0	4.0
3.0	4.5	2.0	4.0
3.0	5.0	3.0	5.0
3.0	5.0	3.0	4.0
3.0	5.0	3.0	5.0
3.0	4.5	3.0	4.0
3.0	4.5	3.0	4.5
3.0	4.5	3.0	4.5
3.0	4.0	3.0	4.5
3.0	5.0	3.0	4.5
3.0	4.0	3.0	5.0
3.0	5.0	3.0	3.5
3.0	4.0	3.0	6.0
3.0	4.5	3.0	4.5
3.0	5.0	2.8	3.0
3.0	5.0	3.0	5.0
3.0	4.5	3.0	4.0
3.0	5.0	3.0	5.0

3.0	4.5	3.0	4.5
3.0	5.0	3.0	4.5
3.0	5.5	3.0	5.5
3.0	5.5	3.0	5.5
3.0	5.0	2,5	3.0
3.0	5.0	3.0	4.5
3.0	5.5	3.0	6.5
3.0	5.5	3.0	5.5
3.0	5.5	3.0	5.5
3.0	5.0	3.0	5.0
3.0	5.0	3.0	4.0
3.0	5.0	3.0	6.5

3.0	5.0	3.0	4.5
3.0	4.5	3.0	4.0
3.0	5.0	3.0	4.5
3.0	4.5	3.0	3.5
3.0	4.5	3.0	3.5

3.0	6.0	3.0	7.0
3.0	5.5	3.0	7.0
3.0	5.0	3.0	5.0

3.0	4.0	3.0	3.0
3.0	6.0	3.0	6.0
3.0	5.0	3.0	5.0
2.0	5.0	2.0	4.0
5.0	7.0	5.0	7.0
3.0	5.0	3.0	7.0
3.0	5.0	3.0	6.0
3.0	5.0	3.0	5.0