

P0 – GERMANY
Collection maintained by IPK Gatersleben

List of additional garlic accessions being candidates for the EURALLIVEG Collection

All 0218
All 0754
All 0755
All 0759
All 0779
All 0825
All 0839
All 0852

ALL 0218

Passport data

Accession number ALL 218
Year of introduction 1993
Taxon *Allium sativum* L. *Longicuspis* Group
Donor Botanical Garden University of Bucharest
Donor place Bucharest, Romania

Field pictures



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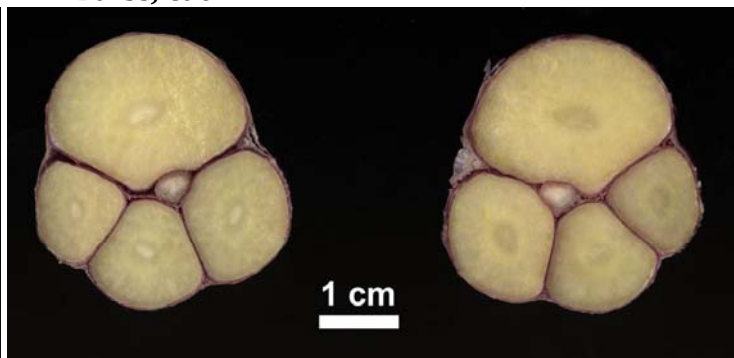
Bulbs



© Keller 14.7.2011



Bulbs, cut

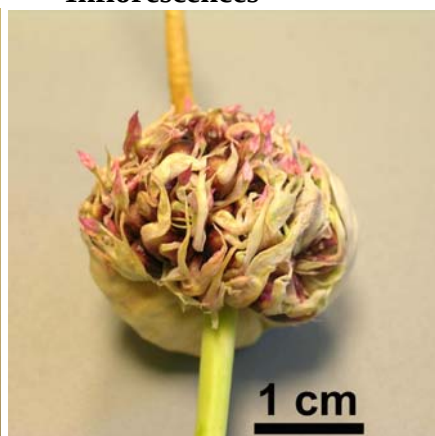


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Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
Flower number in umbel (7.2.6.)	2004	many flowers (more than 30 flowers) (2)
Ability to produce scape (7.2.2.)	2004	long scape, bulbils top only (scape clearly longer than the pseudostem, bulbils in the apical inflorescence only) (5)
Foliage colour (7.1.1.)	2004	medium green (5)
Foliage attitude (7.1.5.)	2004	erect (7)
Number of bulbils (7.1.24.)	2004	many (more than 30 bulbils) (2)
Shaft diameter (7.1.10.)	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	2004	tall (> 28cm) (3)

Further remarks: in AFLP analysis included

ALL 0754

Passport data

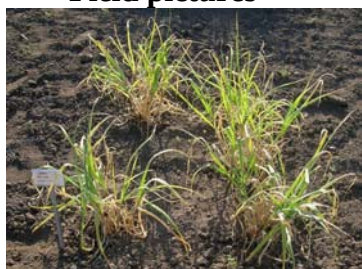
Accession number ALL 754
Year of introduction 1982
Taxon *Allium sativum* L. *Sativum* Group, non-bolting
Collection Landraces Collection Georgian Socialist Soviet Republic 1982
Collecting site District Zageri, Lecchumi, northwest of Alpana, Nakuralesi, Georgia -42°44'53''
E / 42°33'06'' N / altitude 1000 m
Collection number 350

Genotype classification II c (Maaß & Klaas, 1995)

Field pictures



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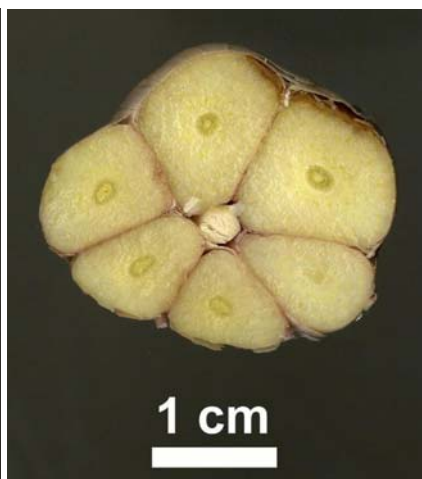
© Keller 6.8.2010

Bulbs



© Keller 25.11.2010

Bulbs, cut



© Keller 25.11.2010

Inflorescences



© Zanke 9.7.2010



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*) Stalks with leaf sheaths removed

Characterisation data

Descriptor (Descriptor Code)	Year of Observation Value (Scoring Value)	
Ability to produce scape (7.2.2.)	2004	scape absent (0)
Foliage colour (7.1.1.)	2004	medium green (5)
Foliage attitude (7.1.5.)	2004	semi-prostrate (4)
Shaft diameter (7.1.10.)	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	2004	medium (18-27 cm) (2)

Further remarks: in AFLP analysis included, regrowth from cryo 30.0 %

ALL 755

Passport data

Accession number	ALL 755
Year of introduction	1982
Taxon	<i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting
Collection	Landraces Collection Georgian Socialist Soviet Republic 1982
Collecting site	Southwest part of District Cageri, Kulbaki, side valley of Ccheniskali, Lecchumi, Georgia - 42°38'58" E / 42°37'45" N / altitude 750-850 m
Collection number	381

Genotype classification II c (Maaß & Klaas, 1995)

Field pictures



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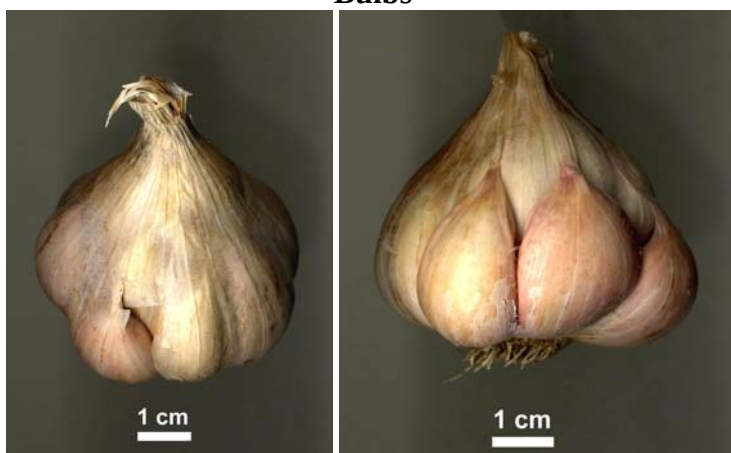


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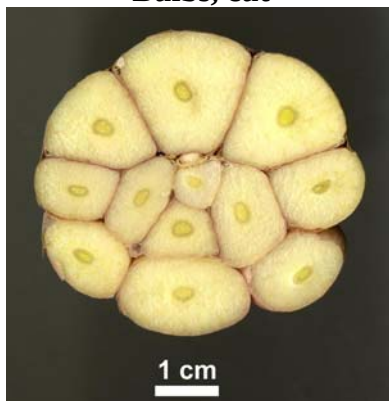
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Bulbs



© Keller 25.11.2010

Bulbs, cut



© Keller 25.11.2010

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation Value (Scoring Value)	
Ability to produce scape (7.2.2.)	2004	scape absent (0)
Foliage colour (7.1.1.)	2004	medium green (5)
Foliage attitude (7.1.5.)	2004	intermediate (5)
Shaft diameter (7.1.10.)	2004	thick (> 22 mm) (3)
Shaft length (7.1.9.2.)	2004	medium (18-27 cm) (2)

Further remarks: in AFLP analysis included, regrowth from cryo 14.1 %

All 759

Passport data

Accession number	ALL 759
Year of introduction	1982
Taxon	<i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting
Collection	Landraces Collection Georgian Socialist Soviet Republic 1982
Collecting site	Machasi southeast of Zageri, Lecchumi, Georgia - 42°44'32" E / 42°36'43" N / altitude 500 m
Collection number	424

Genotype classification II c (Maaß & Klaas, 1995)

Field pictures



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Bulbs



© Keller 30.11.2010

Bulbs, cut



© Keller 30.11.2010

Inflorescences



© Zanke 30.7.2010

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*) Inflorescence, leaf sheaths removed, two aspects to show the small terminal inflorescence part

Characterisation data

Descriptor (Descriptor Code)	Year of Observation Value (Scoring Value)	
Ability to produce scape (7.2.2.)	2004	scape absent (0)
Foliage colour (7.1.1.)	2004	medium green (5)
Foliage attitude (7.1.5.)	2004	intermediate (5)
Shaft diameter (7.1.10.)	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	2004	medium (18-27 cm) (2)

Further remarks: in AFLP analysis included, regrowth from cryo 13.1 %

All 779

Passport data

Accession number	ALL 779
Year of introduction	1983
Taxon	<i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting
Collection	Landraces Collection Georgian Socialist Soviet Republic 1983
Collecting site	Megrelia, Skuri, northeast of Zugdidi, Georgia - 42°10'35" E / 42°41'08" N / altitude 330 m
Collection number	915

Genotype classification II c (Maaß & Klaas, 1995)

Field pictures



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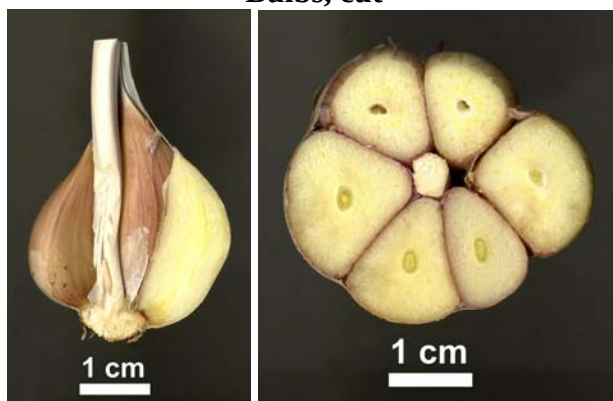
Bulbs



© Keller 30.11.2010



Bulbs, cut



© Keller 25.11.2010

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
Ability to produce scape (7.2.2.)	2004	short scape, bulbils not only top (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence, additional bulbils between bulb and inflorescence) (2)
Foliage colour (7.1.1.)	2004	medium green (5)
Foliage attitude (7.1.5.)	2004	semi-prostrate (4)
Shaft diameter (7.1.10.)	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	2004	medium (18-27 cm) (2)

Further remarks: in AFLP analysis included, regrowth from cryo 20.0 %

ALL 0825

Passport data

Accession number	ALL 825
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting
Collection	Landraces Collection Georgian Socialist Soviet Republic 1986
Collecting site	Historical province Mtiuleti, District Dusheti, Achatani, about 13 km southeast of Dusheti, Georgia -44°48'52" E / 41°57'13" N / altitude 830 m
Collection number	1919 b

Genotype classification II c (Maaß & Klaas, 1995)

Field pictures



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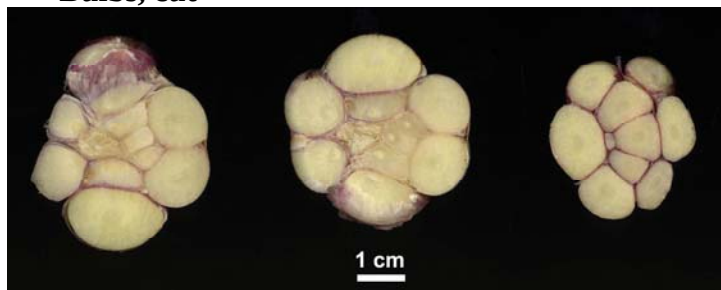
© Keller 6.8.2010

Bulbs



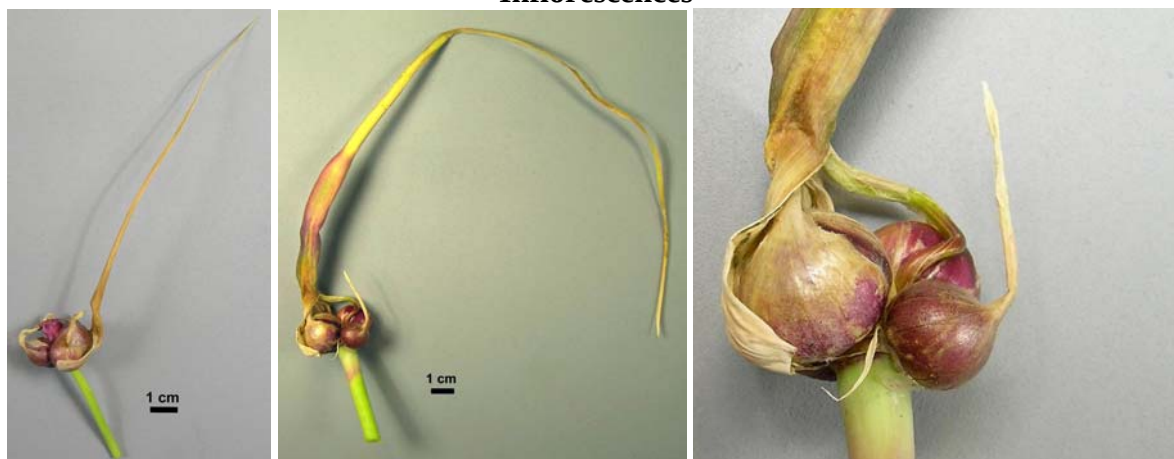
© Keller 14.7.2011

Bulbs, cut



© Keller 14.7.2011

Inflorescences



© Zanke 24.7.2010

Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
Flower number in umbel (7.2.6.)	2004	absent (0)
Ability to produce scape (7.2.2.)	2004	short scape, bulbils not only top (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence, additional bulbils between bulb and inflorescence) (2)
Foliage colour (7.1.1.)	2004	medium green (5)
Foliage attitude (7.1.5.)	2004	intermediate (5)
Number of bulbils (7.1.24.)	2004	few (1-30 bulbils) (1)
Shaft diameter (7.1.10.)	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	2004	medium (18-27 cm) (2)

Further remarks: in AFLP analysis included, regrowth from cryo 27.8 %

All 0839

Passport data

Accession number	ALL 839
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting
Collection	Landraces Collection Georgian Socialist Soviet Republic 1986
Collecting site	Historical province Pshavi, District Dusheti, Kalilo, about 2 km northwest of Magarokari, Georgia - 44°52'21" E / 42°17'52" N / altitude 1000 m
Collection number	2047

Genotype classification II c (Maaß & Klaas, 1995)

Field pictures



© Langbein 27.4.2004



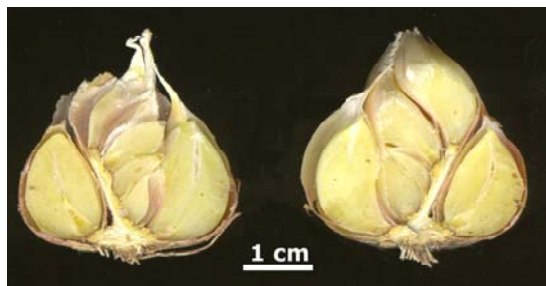
© Keller + Langbein 24.6.2004

Bulbs



© Keller 23.7.1998

Bulbs, cut



© Keller 24.8.1997

Inflorescences



© Keller 15.10.2000

Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1998	high (> 30 g) (3)
Flower number in umbel (7.2.6.)	1998	absent (0)
Ability to produce scape (7.2.2.)	1998	50% scape absent (0)
	1998	25% short scape, bulbils top only (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence only) (3)
	1998	25% scape enclosed in the bulb (but flower head visible outside) (1)
	2004	scape absent (0)
Bulb structure type (7.1.20.)	1998	irregular (6)
Foliage colour (7.1.1.)	1998	medium green (5)
	2004	medium green (5)
Foliage attitude (7.1.5.)	1998	intermediate (5)
	2004	semi-prostrate (4)
Number of bulbils (7.1.24.)	1998	few (1-30 bulbils) (1)
Number of cloves per compound bulb (7.1.19.)	1998	11-15 cloves (4)
Outer skin colour of compound bulb (7.1.16.1)	1998	50% white with coloured stripes (2)
	1998	50% white (including cream, light yellows and very pale browns) (1)
	2004	white with coloured stripes (2)
Shaft diameter (7.1.10.)	1998	medium (8-22 mm) (2)
	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1998	50% medium (18-27 cm) (2)
	1998	50% low (< 17 cm) (1)
	2004	medium (18-27 cm) (2)
Shape of compound bulb in horizontal section (7.1.21)	1998	50% elliptic (2)
	1998	50% circular (1)
	2004	circular (1)
Shape of mature garlic bulb (7.1.12.)	1998	broadly ovate (basal plate even) (3)
	2004	heart-shaped (basal plate retracted) (2)
Skin colour of the clove (7.1.16.2.)	1998	50% red and violet (4)
	1998	50% yellow and light brown (2)
Weight of cloves (7.1.22.)	1998	small (up to 2g) (1)

Further remarks: in AFLP analysis included, regrowth from cryo 31.6 %

ALL 0852

Passport data

Accession number ALL 852
Year of introduction 1987
Taxon *Allium sativum* L. *Ophioscorodon* Group
Collection Landraces Collection Georgian Socialist Soviet Republic 1987
Collecting site Historical province Khevsureti, District Dusheti, Korsa, about 1 km north of Barisacho, feeder river valley to the Psavis Aragvi, Georgia - 45°01'54" E / 42°14'41" N / altitude 1300 m
Collection number 2191

Genotype classification III (Maaß & Klaas, 1995)

Field pictures



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© Keller 28.7.1994

Bulbs



© Keller 27.8.1997

Bulbs, cut



© Keller 27.8.1997

Inflorescences



© Ernst + Senula 31.7.1997

Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	medium (10-30 g) (2)
Flower number in umbel (7.2.6.)	1997	few flowers (fewer than 30 flowers) (1)
	2004	few flowers (fewer than 30 flowers) (1)
Ability to produce scape (7.2.2.)	1997	10% short scape, bulbils top only (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence only) (3)
	1997	90% long scape, bulbils top only (scape clearly longer than the pseudostem, bulbils in the apical inflorescence only) (5)
	2004	long scape, bulbils top only (scape clearly longer than the pseudostem, bulbils in the apical inflorescence only) (5)
Bulb structure type (7.1.20.)	1997	34% regular multi-cloved radial (3)
	1997	33% regular two-fan groups (2)
	1997	33% regular quadruple (4)
Foliage colour (7.1.1.)	1997	medium green (5)
	2004	medium green (5)
Foliage attitude (7.1.5.)	1997	intermediate (5)
	2004	prostrate (3)
Number of bulbils (7.1.24.)	1997	few (1-30 bulbils) (1)
	2004	many (more than 30 bulbils) (2)
Number of cloves per compound bulb (7.1.19.)	1997	50% 5-10 cloves (3)
	1997	50% 2-4 cloves (2)
Outer skin colour of compound bulb (7.1.16.1)	1997	purple (including purple and purple-browns) (3)
	2004	white with coloured stripes (2)
Shaft diameter (7.1.10.)	1997	medium (8-22 mm) (2)
	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1997	medium (18-27 cm) (2)
	2004	medium (18-27 cm) (2)
Shape of compound bulb in horizontal section (7.1.21)	1997	circular (1)
	2004	elliptic (2)
Shape of mature garlic bulb (7.1.12.)	1997	50% broadly ovate (basal plate even) (3)
	1997	50% circular (basal plate prominent) (1)
	2004	circular (basal plate prominent) (1)
Skin colour of the clove (7.1.16.2.)	1997	red and violet (4)
Weight of cloves (7.1.22.)	1997	high (> 4 g) (3)

Further remarks: in AFLP analysis included, regrowth from cryo 51.9 %