

ALL 0790

Passport data

Accession number ALL 790
Year of introduction 1986
Taxon *Allium sativum* L. *Longicuspis* Group
Collection Landraces Collection Georgian Socialist Soviet Republic 1985
Collecting site South Georgia, District Achakiche, Schvelisi, Georgia - 42°55'53'' E / 41°38'29'' N
Collection number 1432

Genotype classification I a (Maaß & Klaas, 1995)

Field pictures



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Bulbs



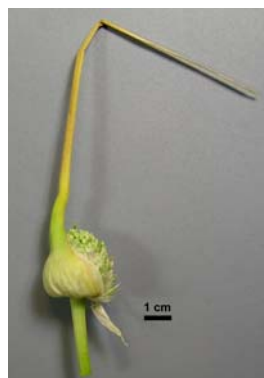
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Bulbs, cut



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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	semi-prostrate (4)
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, regrowth from cryo 47.3 %, safety duplicate in CRI

ALL 0791

Passport data

Accession number ALL 791
Year of introduction 1986
Taxon *Allium sativum* L. *Longicuspis* Group
Collection Landraces Collection Georgian Socialist Soviet Republic 1985
Collecting site South Georgia, District Borjomi, Cichisdzvari, Georgia - 43°24'00" E / 41°49'00" N / altitude 1620-1640 m
Collection number 1470

Genotype classification III (Maaß & Klaas, 1995)

Field pictures



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Bulbs



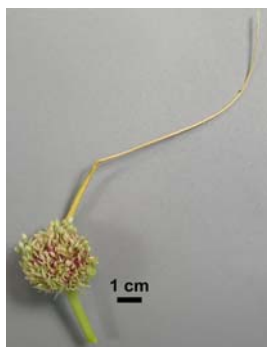
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Bulbs, cut

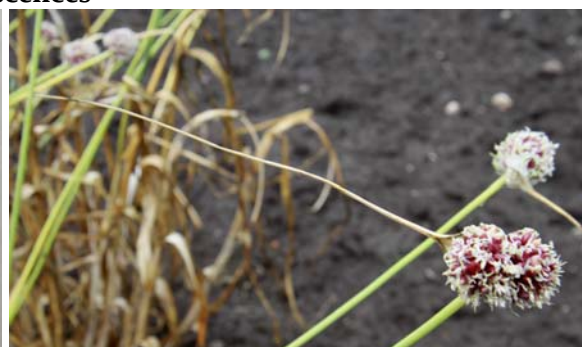


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Inflorescences



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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	semi-prostrate (4)
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, regrowth from cryo 37.4 %, safety duplicate in CRI

ALL 792

Passport data

Accession number	ALL 792
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Collection	Landraces Collection Georgian Socialist Soviet Republic 1985
Collecting site	South Georgia, District Borjomi, Cichisdzvari, Georgia - 43°24'00" E / 41°49'00" N / altitude 1620-1640 m
Collection number	1471

Genotype classification I a (Maaß & Klaas, 1995)

Field pictures



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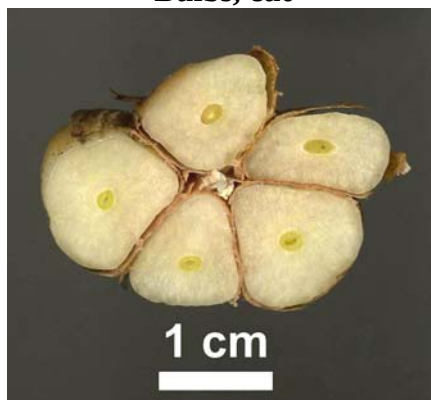
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Bulbs



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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	semi-prostrate (4)
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	medium (18-27 cm) (2)

Further remarks: in AFLP analysis included, regrowth from cryo 31.8 %, safety duplicate in CRI

All 0813

Passport data

Accession number	ALL 813
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Ophioscorodon</i> Group
Donor	Agrobotanical Garden Cluj
Donor place	Cluj, Romania
Collecting site	Province Halmeag, Romania - 25°07'00" E / 45°52'00" N

Field pictures



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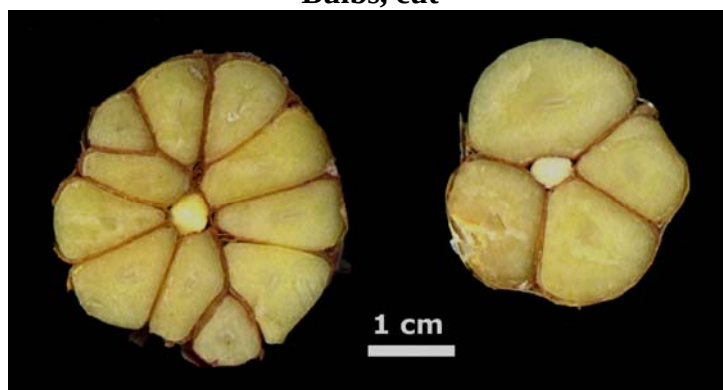
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Bulbs



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Bulbs, cut



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Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1998	high (> 30 g) (3)
Ability to produce scape (7.2.2.)	1998	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.)	1998	50% regular quadruple (4)
	1998	50% regular two-fan groups (2)
Flower number in umbel (7.2.6.)	1998	many flowers (more than 30 flowers) (2)
	2004	few flowers (fewer than 30 flowers) (1)
Foliage attitude (7.1.5.)	1998	intermediate (5)
	2004	semi-prostrate (4)
Foliage colour (7.1.1.)	1998	medium green (5)
	2004	medium green (5)
Number of bulbils (7.1.24.)	1998	many (more than 30 bulbils) (2)
	2004	few (fewer than 30 bulbils) (1)
Number of cloves per compound bulb (7.1.19.)	1998	5-10 cloves (3)
Outer skin colour of compound bulb (7.1.16.1)	1998	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	medium (18-27 cm) (2)
	2004	tall (> 28 cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1998	50% circular (1)
	1998	50% elliptic (2)
	2004	elliptic (2)
Shape of mature garlic bulb (7.1.12.)	1998	broadly ovate (basal plate even) (3)
	2004	broadly ovate (basal plate even) (3)
Skin colour of the clove (7.1.16.2.)	1998	50% red and violet (4)
	1998	50% brown (3)
Weight of cloves (7.1.22.)	1998	high (> 4 g) (3)

Further remarks: virus-free, not in AFLP analysis included, regrowth from cryo 43.1 %, safety duplicate in RIVC

All 0816

Passport data

Accession number	ALL 816
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Sativum</i> Group, bolting
Donor	Agrobotanical Garden Cluj
Donor place	Cluj, Romania
Collecting site	Province Murighiol, Romania - 29°09'00" E / 45°02'00" N

Genotype classification II b (Maaß & Klaas, 1995)

Field pictures



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Bulbs



© Keller 25.8.1997

Bulbs, cut



© Keller 25.8.1997

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	small (< 10g) (1)
Flower number in umbel (7.2.6.)	1997	few flowers (fewer than 30 flowers) (1)
	2004	many flowers (more than 30 flowers) (2)
Ability to produce scape (7.2.2.)	1997	5% short scape, bulbils top only (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence only) (3)
	1997	5% scape absent (0)
	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	irregular (6)
Foliage colour (7.1.1.)	1997	dark green (7)
	2004	dark green (7)
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	white (including cream, light yellows and very pale browns) (1)
	2004	white with coloured stripes (2)
Shaft diameter (7.1.10.)	1997	thin (< 8mm) (1)
	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1997	low (< 17 cm) (1)
	2004	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1997	50% circular (1)
	1997	50% elliptic (2)
	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	50% yellow and light brown (2)
	1997	50% red and violet (4)
Weight of cloves (7.1.22.)	1997	small (up to 2g) (1)

Further remarks: in AFLP analysis included, regrowth from cryo 41.1 %, safety duplicate in CRI

ALL 0817

Passport data

Accession number ALL 817
Year of introduction 1986
Taxon *Allium sativum* L. *Ophioscorodon* Group
Donor Agrobotanical Garden Cluj
Donor place Cluj, Romania
Collecting site Remeti, Iadu Valley, Romania - 25°40'00" E / 47°44'00" N

Genotype classification III (Maaß & Klaas, 1995)

Field pictures



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Bulbs



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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	few flowers (fewer than 30 flowers) (1)
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	intermediate (5)
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, regrowth from cryo 61.1 %, safety duplicate in CRI

Ali 0819

Passport data

Accession number	ALL 819
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group, <i>Pekinense</i> Subgroup
Donor	Pyongyang Vegetable Research Center
Donor place	Democratic People's Republic of Korea

Genotype classification IV b (Maaß & Klaas, 1995)

Field pictures



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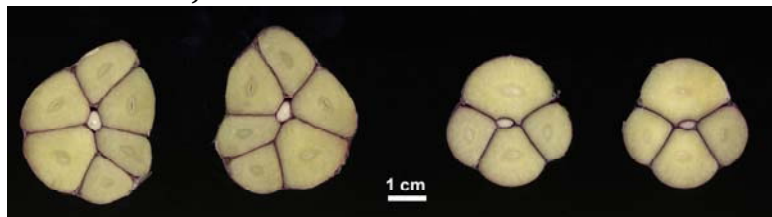
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Bulbs



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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	absent (0)
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	semi-erect (6)
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 41.5 %, safety duplicate in CRI

ALL 0835

Passport data

Accession number	ALL 835
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Collection	Landraces Collection Georgian Socialist Soviet Republic 1986
Collecting site	Historical province Mtiuleti, District Dusheti, Arguni, about 5 km northeast of Dusheti, Georgia - 44°38'02" E / 42°06'51" N / altitude 1230 m
Collection number	1995

Genotype classification IV e (Maaß & Klaas, 1995)

Field pictures



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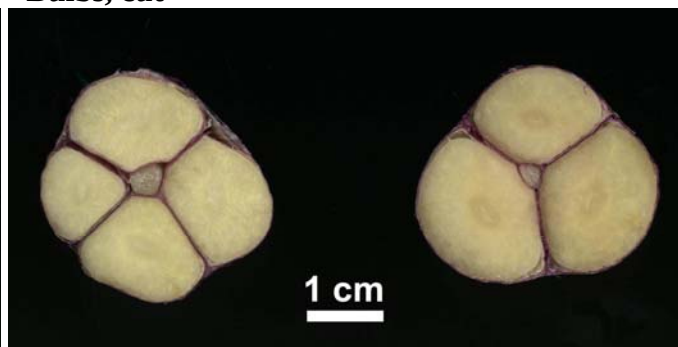
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Bulbs



© Keller 14.7.2011

Bulbs, cut

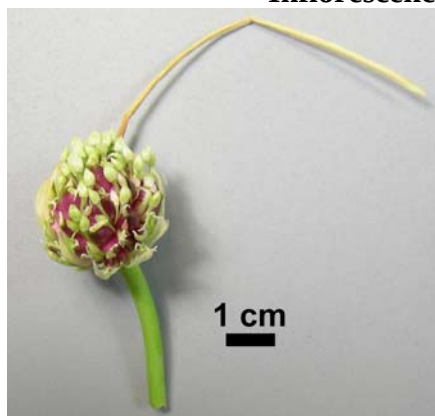


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Inflorescences



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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	semi-prostrate (4)
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, regrowth from cryo 43.2 %, safety duplicate in RIVC

All 0843

Passport data

Accession number	ALL 843
Year of introduction	1986
Taxon	<i>Allium sativum</i> L. <i>Ophioscorodon</i> Group
Collection	Landraces Collection Georgian Socialist Soviet Republic 1986
Collecting site	historical province Khevsureti, District Dusheti, Labaiskari, Argun valley above Satili, Georgia - 45°04'49" E / 42°33'07" N / altitude 2100 m
Collection number	2099

Genotype classification III (Maaß & Klaas, 1995)

Field pictures



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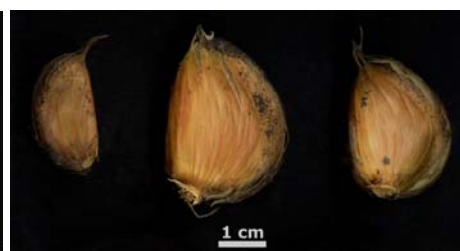
Bulbs



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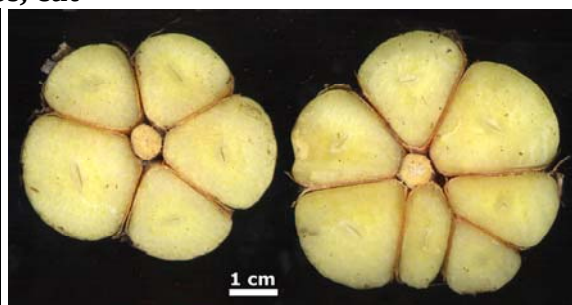
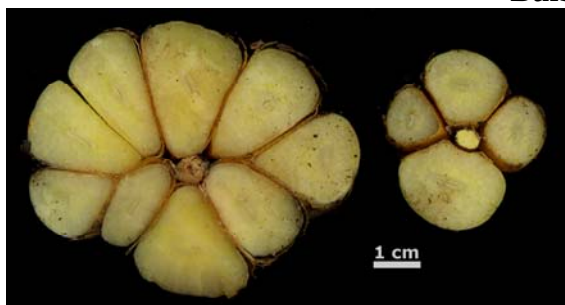


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Bulbs, cut



© Keller 23.7.1998

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	high (> 30 g) (3)
Ability to produce scape (7.2.2.)	1997	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)
	1997	33% regular two-fan groups (2)
Bulb structure type (7.1.20.)	1997	34% regular multi-cloved radial (3)
	1997	33% regular quadruple (4)
	1997	few flowers (fewer than 30 flowers) (1)
Flower number in umbel (7.2.6.)	2004	few flowers (fewer than 30 flowers) (1)
	1997	intermediate (5)
Foliage attitude (7.1.5.)	2004	intermediate (5)
	1997	dark green (7)
Foliage colour (7.1.1.)	2004	medium green (5)
	1997	few (fewer than 30 bulbils) (1)
Number of bulbils (7.1.24.)	2004	few (fewer than 30 bulbils) (1)
	1997	50% 5-10 cloves (3)
Number of cloves per compound bulb (7.1.19.)	1997	50% 2-4 cloves (2)
	1997	50% purple (including purple and purple-browns) (3)
Outer skin colour of compound bulb (7.1.16.1)	1997	50% white (including cream, light yellows and very pale browns) (1)
	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	broadly ovate (basal plate even) (3)
	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: virus-free, not in AFLP analysis included, regrowth from cryo 37.5 %, safety duplicate in RIVC

ALL 0937

Passport data

Accession number	ALL 937
Year of introduction	1989
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group, <i>Pekinense</i> Subgroup
Collection	Democratic People's Republic of Korea 1988
Collecting site	Hwangju, lowland about 30 km south of Pyongyang, Democratic People's Republic of Korea - 125°44'00" E / 38°54'00" N
Collection number	29

Genotype classification IV b (Maaß & Klaas, 1995)

Field pictures



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Bulbs



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Bulbs cut



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Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	high (> 30 g) (3)
Flower number in umbel (7.2.6.)	1997	few flowers (fewer than 30 flowers) (1)
	2004	absent (0)
Ability to produce scape (7.2.2.)	1997	33% short scape, bulbils top only (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence only) (3)
	1997	34% long scape, bulbils top only (scape clearly longer than the pseudostem, bulbils in the apical inflorescence only) (5)
	1997	33% scape absent (0)
	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	50% regular quadruple (4)
	1997	50% regular two-cloved (5)
Foliage colour (7.1.1.)	1997	dark green (7)
	2004	medium green (5)
Foliage attitude (7.1.5.)	1997	intermediate (5)
	2004	intermediate (5)
Number of bulbils (7.1.24.)	1997	few (1-30 bulbils) (1)
	2004	few (1-30 bulbils) (1)
Number of cloves per compound bulb (7.1.19.)	1997	50% 2-4 cloves (2)
	1997	50% 5-10 cloves (3)
Outer skin colour of compound bulb (7.1.16.1)	1997	white with coloured stripes (2)
	2004	purple (including purple and purple-browns) (3)
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	elliptic (2)
	2004	elliptic (2)
Shape of mature garlic bulb (7.1.12.)	1997	50% circular (basal plate prominent) (1)
	1997	50% broadly ovate (basal plate even) (3)
	2004	broadly ovate (basal plate even) (3)
Skin colour of the clove (7.1.16.2.)	1997	50% yellow and light brown (2)
	1997	50% red and violet (4)
Weight of cloves (7.1.22.)	1997	medium (2 to 4 g) (2)

Further remarks: in AFLP analysis included, regrowth from cryo 79.1 %, safety duplicate in CRI

ALL 1161

Passport data

Accession number	ALL 1161
Year of introduction	1996
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Donor	Moscow Botanical Garden of the Academy of Sciences
Donor place	Moscow, Russian Federation
Collecting site	Karatau Mountains, Region Chimkent, Kazakhstan - 69°35'00" E / 42°19'00" N

Field pictures



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Bulbs



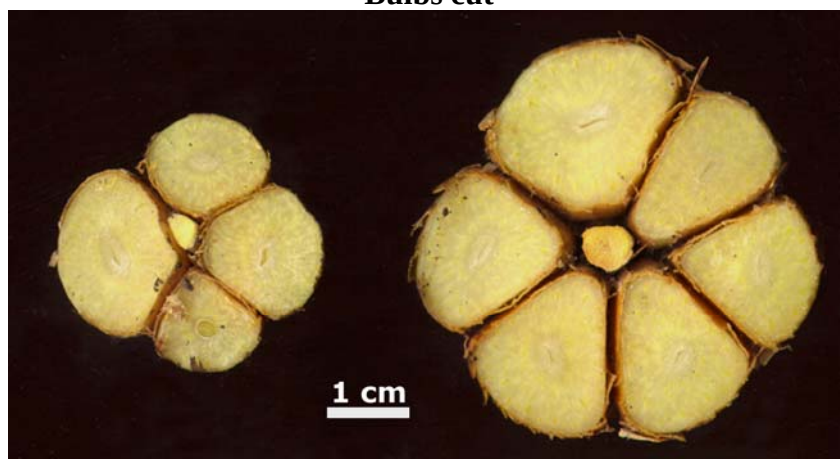
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Bulbs cut



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Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	low (< 10g) (1)
Flower number in umbel (7.2.6.)	1997	many flowers (more than 30 flowers) (2)
	2004	many flowers (more than 30 flowers) (2)
Ability to produce scape (7.2.2.)	1997	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	50% regular quadruple (4)
	1997	50% regular multi-cloved radial (3)
Foliage colour (7.1.1.)	1997	dark green (7)
	2004	dark green (7)
Foliage attitude (7.1.5.)	1997	intermediate (5)
	2004	intermediate (5)
Number of bulbils (7.1.24.)	1997	many (more than 30 bulbils) (2)
	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	thick (> 22 mm) (3)
Shaft length (7.1.9.2.)	1997	tall (> 28cm) (3)
	2004	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1997	50% circular (1)
	1997	50% elliptic (2)
	2004	elliptic (2)
Shape of mature garlic bulb (7.1.12.)	1997	broadly ovate (basal plate even) (3)
	2004	broadly ovate (basal plate even) (3)
Skin colour of the clove (7.1.16.2.)	1997	red and violet (4)
Weight of cloves (7.1.22.)	1997	medium (2 to 4 g) (2)

Further remarks: virus-free, not in AFLP analysis included, regrowth from cryo 40.0 %, safety duplicate in RIVC

All 1166

Passport data

Accession number	ALL 1166
Year of introduction	1996
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Donor	Botanical Garden Budapest
Donor place	Budapest, Hungary

Field pictures



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Bulbs



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Bulbs, cut



© Keller 23.7.1998

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	low (< 10g) (1)
Ability to produce scape (7.2.2.)	1997	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)
	1997	regular quadruple (4)
Bulb structure type (7.1.20.)	1997	regular quadruple (4)
Flower number in umbel (7.2.6.)	1997	many flowers (more than 30 flowers) (2)
	2004	many flowers (more than 30 flowers) (2)
Foliage attitude (7.1.5.)	1997	intermediate (5)
	2004	intermediate (5)
Foliage colour (7.1.1.)	1997	dark green (7)
	2004	dark green (7)
Number of bulbils (7.1.24.)	1997	many (more than 30 bulbils) (2)
	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	50% purple (including purple and purple-browns) (3)
	1997	50% white with coloured stripes (2)
	2004	purple (including purple and purple-browns) (3)
Shaft diameter (7.1.10.)	1997	medium (8-22 mm) (2)
	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1997	50% tall (> 28cm) (3)
	1997	50% medium (18-27 cm) (2)
	2004	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1997	50% circular (1)
	1997	50% elliptic (2)
	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: virus-free, not in AFLP analysis included, regrowth from cryo 19.4 %, safety duplicate in CRI

ALL 1251

Passport data

Accession number	ALL 1251
Year of introduction	1989
Taxon	<i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting
Collection	Landraces Collection, Georgian Soviet Republic 1989
Collecting site	Southwestern District Kareli, Elbakiani, northern rim of the Northern Trialeti Range, Georgia - 43°52'00" E / 42°00'00" N / altitude 850 m
Collection number	2722

Genotype classification II c (Maaß & Klaas, 1995)

Field pictures



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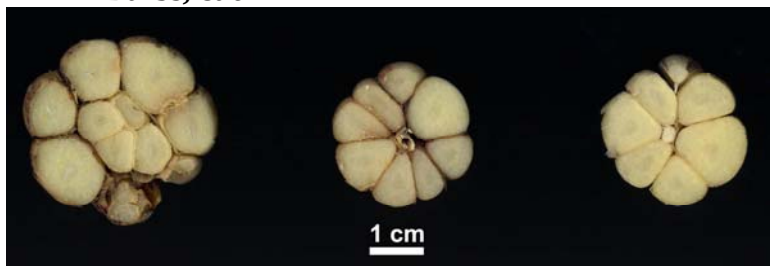
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Bulbs



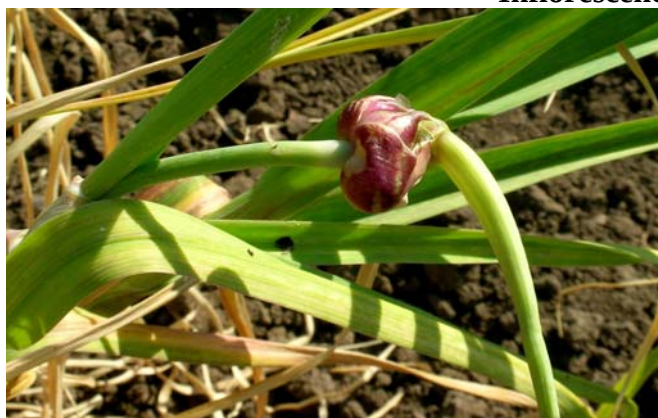
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Bulbs, cut



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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	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 %, safety duplicate in CRI

All 1264

Passport data

Accession number	ALL 1264
Year of introduction	1993
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group <i>Pekinense</i> Subgroup
Collection	Collection Tsukuba, Japan 1992
Collecting site	Village near Tsukuba, Japan - 140°04'00'' E / 36°02'00'' N
Collection number	5

Genotype classification IV b (Maaß & Klaas, 1995)

Field pictures



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Bulbs



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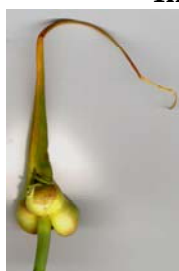
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Bulbs, cut



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Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (IPGRI 7.1.23.)	1998	high (> 30 g) (3)
Ability to produce scape (IPGRI 7.2.2.)	1998	10% scape absent (0)
	1998	10% short scape, bulbils top only (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence only) (3)
	1998	80% long scape, bulbils top only (scape clearly longer than the pseudostem, bulbils in the apical inflorescence only) (5)
	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)
Bulb structure type (IPGRI 7.1.20)	1998	regular two-fan groups (2)
Flower number in umbel (IPGRI 7.2.6.)	1998	absent (0)
	1998	few flowers (fewer than 30 flowers) (1)
	2004	absent (0)
Foliage attitude (IPGRI 7.1.5.)	1998	intermediate (5)
	2004	intermediate (5)
Foliage colour (IPGRI 7.1.1.)	1998	medium green (5)
	2004	medium green (5)
Number of bulbils (IPGRI 7.1.24.)	1998	few (fewer than 30 bulbils) (1)
	2004	few (fewer than 30 bulbils) (1)
Number of cloves per compound bulb (IPGRI 7.1.19)	1998	2-4 cloves (2)
Outer skin colour (IPGRI 7.1.16.1)	1998	white (including cream, light yellows and very pale browns) (1)
	2004	white with coloured stripes (2)
Shaft diameter (IPGRI 7.1.10.)	1998	medium (8-22 mm) (2)
	2004	medium (8-22 mm) (2)
Shaft length (IPGRI 7.1.9.2.)	1998	medium (18-27 cm) (2)
	2004	medium (18-27 cm) (2)
Shape of compound bulb in horizontal section (IPGRI 7.1.21)	1998	50% circular (1)
	1998	50% elliptic (2)
	2004	circular (1)
Shape of mature garlic bulb (IPGRI 7.1.12.)	1998	50% broadly ovate (basal plate even) (3)
	1998	50% heart-shaped (basal plate retracted) (2)
	2004	heart-shaped (basal plate retracted) (2)
Skin colour of the clove (IPGRI 7.1.16.2)	1998	50% yellow and light brown (2)
	1998	50% red and violet (4)
Weight of cloves (IPGRI 7.1.22.)	1998	high (> 4 g) (3)

Further remarks: not in AFLP analysis included, regrowth from cryo 35.4 %, safety duplicate in RIVC

All 1272

Passport data

Accession number	ALL 1272
Year of introduction	1993
Taxon	<i>Allium sativum</i> L. <i>Ophioscorodon</i> Group
Donor	Dr. R. Steuckardt, Herbsleben
Donor place	Herbsleben, Germany
Collecting site	Chardzou, Turkmenistan

Field pictures



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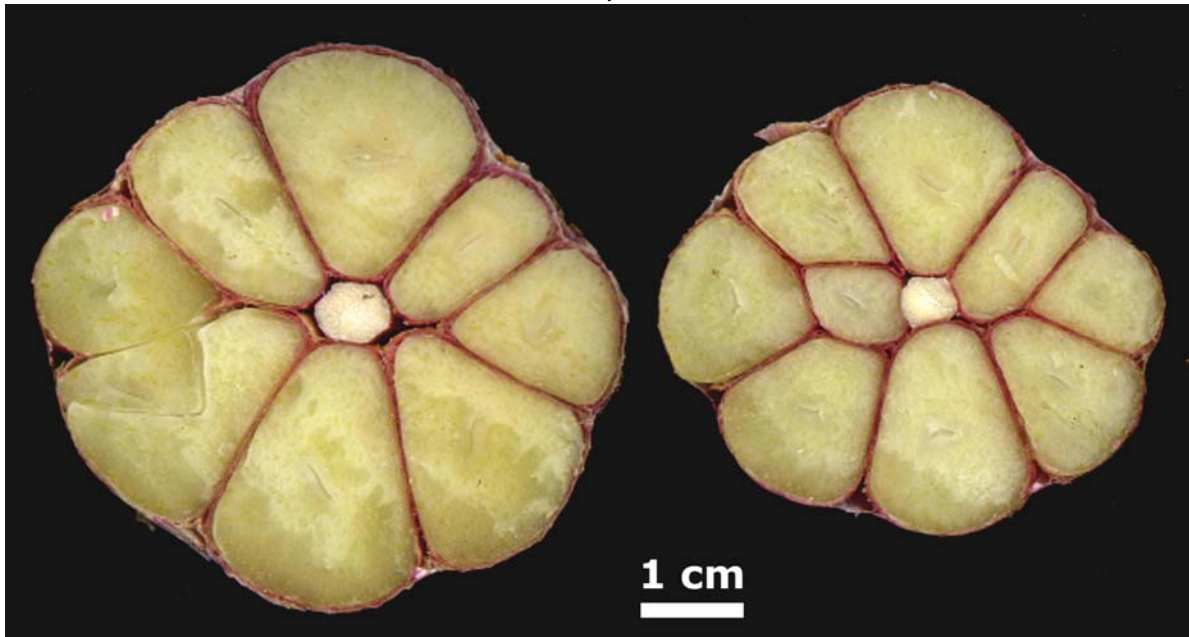
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Bulbs



© Keller 24.7.1998

Bulbs, cut



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Inflorescences



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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	few flowers (fewer than 30 flowers) (1)
	2004	few flowers (fewer than 30 flowers) (1)
Ability to produce scape (7.2.2.)	1998	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.)	1998	regular two-fan groups (2)
Foliage colour (7.1.1.)	1998	dark green (7)
	2004	dark green (7)
Foliage attitude (7.1.5.)	1998	semi-erect (6)
	2004	intermediate (5)
Number of bulbils (7.1.24.)	1998	few (1-30 bulbils) (1)
	2004	few (1-30 bulbils) (1)
Number of cloves per compound bulb (7.1.19.)	1998	5-10 cloves (3)
Outer skin colour of compound bulb (7.1.16.1)	1998	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% tall (> 28cm) (3)
	1998	50% medium (18-27 cm) (2)
	2004	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1998	circular (1)
	2004	circular (1)
Shape of mature garlic bulb (7.1.12.)	1998	broadly ovate (basal plate even) (3)
	2004	circular (basal plate prominent) (1)
Skin colour of the clove (7.1.16.2.)	1998	50% red and violet (4)
	1998	50% brown (3)
Weight of cloves (7.1.22.)	1998	high (> 4 g) (3)

Further remarks: virus-free, in AFLP analysis included, regrowth from cryo 72.4 %, safety duplicate in RIVC

ALL 1276

Passport data

Accession number	ALL 1276
Year of introduction	1993
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group, <i>Pekinense</i> Subgroup
Donor	Dr. R. Steuckardt, Herbsleben
Donor place	Herbsleben, Germany
Collecting site	Xian, China - ~ 108° E / ~ 34° N

Genotype classification IV b (Maaß & Klaas, 1995)

Field pictures



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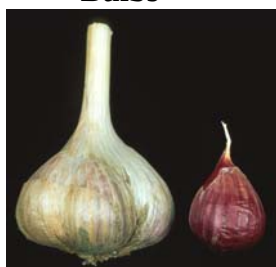


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Bulbs



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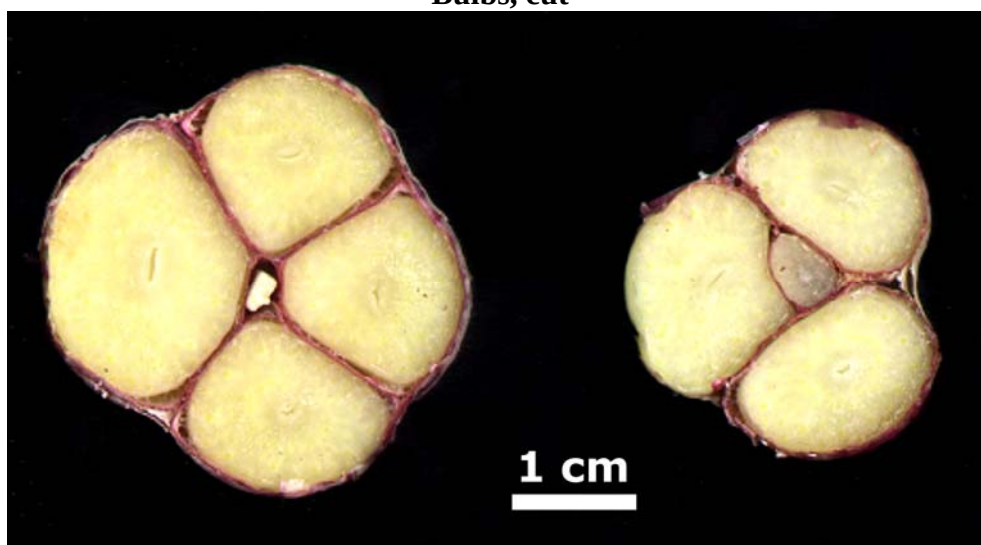


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Bulbs, cut



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Inflorescences



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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	few flowers (fewer than 30 flowers) (1)
	2004	few flowers (fewer than 30 flowers) (1)
Ability to produce scape (7.2.2.)	1998	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.)	1998	regular quadruple (4)
Foliage colour (7.1.1.)	1998	medium green (5)
	2004	medium green (5)
Foliage attitude (7.1.5.)	1998	intermediate (5)
	2004	semi-erect (6)
Number of bulbils (7.1.24.)	1998	few (1-30 bulbils) (1)
	2004	few (1-30 bulbils) (1)
Number of cloves per compound bulb (7.1.19.)	1998	50% 5-10 cloves (3)
	1998	50% 2-4 cloves (2)
Outer skin colour of compound bulb (7.1.16.1)	1998	white (including cream, light yellows and very pale browns) (1)
	2004	purple (including purple and purple-browns) (3)
Shaft diameter (7.1.10.)	1998	medium (8-22 mm) (2)
	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1998	medium (18-27 cm) (2)
	2004	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1998	50% circular (1)
	1998	50% elliptic (2)
	2004	elliptic (2)
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	red and violet (4)
Weight of cloves (7.1.22.)	1998	high (> 4 g) (3)

Further remarks: virus-free, in AFLP analysis included, regrowth from cryo 31.4 %, safety duplicate in RIVC

ALL 1277

Passport data

Accession number	ALL 1277
Year of introduction	1993
Taxon	<i>Allium sativum</i> L. <i>Ophioscorodon</i> Group
Donor	R. Steuckardt, Herbsleben, Germany
Collecting site	Dushanbe, Tajikistan - 68°46'00" E / 38°37'00" N

Field pictures



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Bulbs

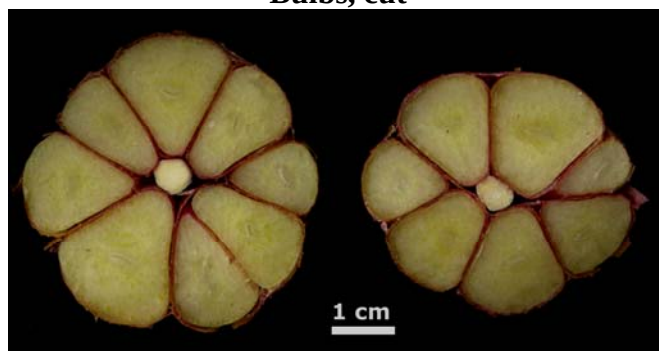


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Ernst + Senula 7.8.1998

Bulbs, cut



© Keller 24.7.1998

Inflorescences



© Ernst + Senula 23.7.1998

Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1998	high (> 30 g) (3)
Ability to produce scape (7.2.2.)	1998	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)
	1998	regular two-fan groups (2)
Bulb structure type (7.1.20.)	1998	regular two-fan groups (2)
Flower number in umbel (7.2.6.)	1998	few flowers (fewer than 30 flowers) (1)
	2004	absent (0)
	1998	intermediate (5)
Foliage attitude (7.1.5.)	2004	intermediate (5)
	1998	dark green (7)
Foliage colour (7.1.1.)	2004	medium green (5)
	1998	dark green (7)
Number of bulbils (7.1.24.)	1998	few (fewer than 30 bulbils) (1)
	2004	few (fewer than 30 bulbils) (1)
Number of cloves per compound bulb (7.1.19.)	1998	5-10 cloves (3)
Outer skin colour of compound bulb (7.1.16.1)	1998	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	tall (> 28cm) (3)
	2004	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1998	circular (1)
	2004	circular (1)
Shape of mature garlic bulb (7.1.12.)	1998	broadly ovate (basal plate even) (3)
	2004	circular (basal plate prominent) (1)
Skin colour of the clove (7.1.16.2.)	1998	50% brown (3)
	1998	50% red and violet (4)
Weight of cloves (7.1.22.)	1998	high (> 4 g) (3)

Further remarks: virus-free, not in AFLP analysis included, regrowth from cryo 55.1 %, safety duplicate in RIVC

ALL 1279

Passport data

Accession number	ALL 1279
Year of introduction	1994
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Donor	Leonid Sevelev, Abakan
Collecting site	Abakan, Russian Federation, District Krasnojarsk, Russian Federation - 91°25'00" E / 53°43'00" N

Field pictures



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Bulbs



© Keller 11.11.2003

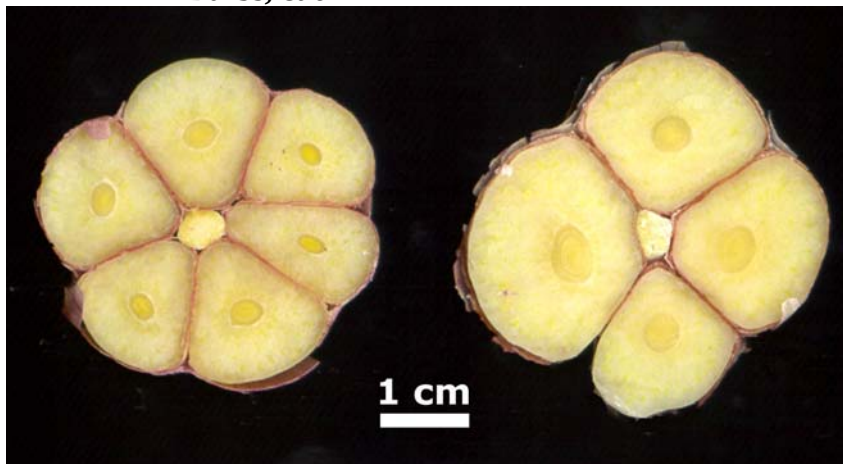


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Bulbs, cut



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© Keller 12.10.1999

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1999	small (< 10g) (1)
Flower number in umbel (7.2.6.)	1999	many flowers (more than 30 flowers) (2)
	2004	many flowers (more than 30 flowers) (2)
Ability to produce scape (7.2.2.)	1999	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.)	1999	50% regular quadruple (4)
	1999	50% regular multi-cloved radial (3)
Foliage colour (7.1.1.)	1999	dark green (7)
	2004	medium green (5)
Foliage attitude (7.1.5.)	1999	intermediate (5)
	2004	intermediate (5)
Number of bulbils (7.1.24.)	1999	many (more than 30 bulbils) (2)
	2004	many (more than 30 bulbils) (2)
Number of cloves per compound bulb (7.1.19.)	1999	5-10 cloves (3)
Outer skin colour of compound bulb (7.1.16.1)	1999	white (including cream, light yellows and very pale browns) (1)
	2004	white with coloured stripes (2)
Shaft diameter (7.1.10.)	1999	medium (8-22 mm) (2)
	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1999	tall (> 28cm) (3)
	2004	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1999	circular (1)
	2004	circular (1)
Shape of mature garlic bulb (7.1.12.)	1999	broadly ovate (basal plate even) (3)
	2004	broadly ovate (basal plate even) (3)
Skin colour of the clove (7.1.16.2.)	1999	red and violet (4)
Weight of cloves (7.1.22.)	1999	high (> 4 g) (3)

Further remarks: virus-free, in AFLP analysis included, regrowth from cryo 51.6 %, safety duplicate in RIVC

ALL 1453

Passport data

Accession number ALL 1453
Year of introduction 1998
Taxon *Allium sativum* L. *Ophioscorodon* Group
Collecting site Private garden, Quedlinburg, Germany -11°08'00" E / 51°47'00" N

Field pictures



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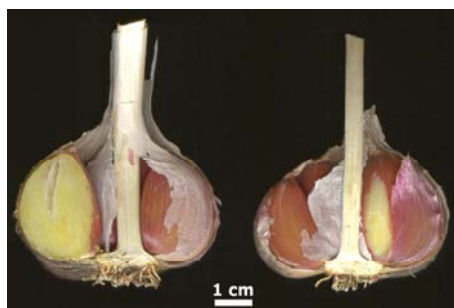


Bulbs



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Bulbs, cut



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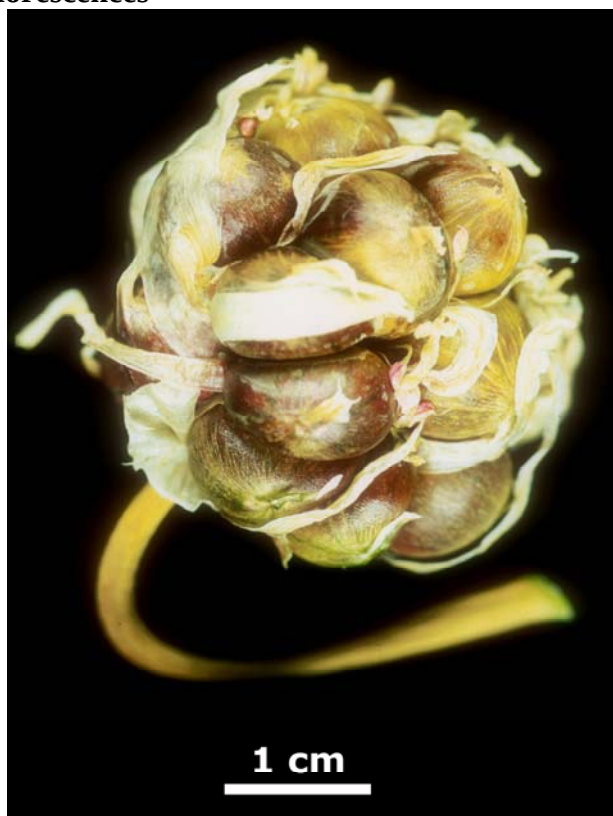


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Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
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)
Flower number in umbel (7.2.6.)	2004	few flowers (fewer than 30 flowers) (1)
Foliage attitude (7.1.5.)	2004	semi-prostrate (4)
Foliage colour (7.1.1.)	2004	dark green (7)
Number of bulbils (7.1.24.)	2004	few (fewer than 30 bulbils) (1)
Outer skin colour of compound bulb (7.1.16.1)	2004	white with coloured stripes (2)
Shaft diameter (7.1.10.)	2004	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	2004	medium (18-27 cm) (2)
Shape of compound bulb in horizontal section (7.1.21)	2004	circular (1)
Shape of mature garlic bulb (7.1.12.)	2004	circular (basal plate prominent) (1)

Further remarks: not in AFLP analysis included, regrowth from cryo 45.8 %, safety duplicate in CRI

All 1837

Passport data

Accession number	ALL 1837
Year of introduction	1985
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Donor	Tsukuba Medicinal Research Station
Donor place	Tsukuba, Japan
Collecting site	Japan

Genotype classification IV b (Maaß & Klaas, 1995)

Field pictures



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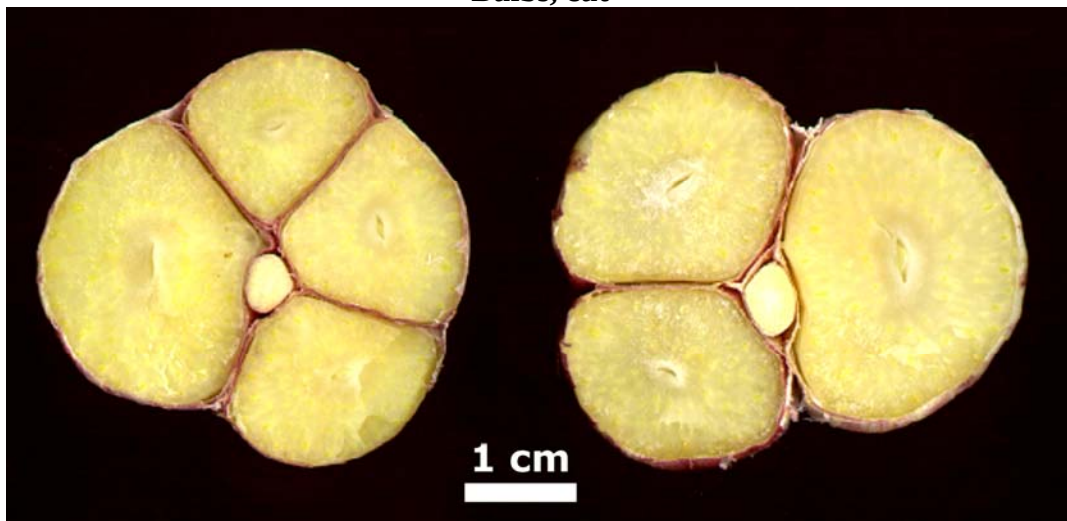
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Bulbs



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Bulbs, cut



© Keller 23.7.1998

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1998	medium (10-30 g) (2)
Flower number in umbel (7.2.6.)	1998	many flowers (more than 30 flowers) (2)
Ability to produce scape (7.2.2.)	1998	10% short scape, bulbils top only (scape shorter, equal, or slightly longer as the pseudostem, bulbils in the apical inflorescence only) (3)
	1998	90% long scape, bulbils top only (scape clearly longer than the pseudostem, bulbils in the apical inflorescence only) (5)
Bulb structure type (7.1.20.)	1998	regular quadruple (4)
Foliage colour (7.1.1.)	1998	medium green (5)
Foliage attitude (7.1.5.)	1998	semi-erect (6)
Number of bulbils (7.1.24.)	1998	many (more than 30 bulbils) (2)
Number of cloves per compound bulb (7.1.19.)	1998	33% 5-10 cloves (3)
	1998	33% 11-15 cloves (4)
	1998	33% 2-4 cloves (2)
Outer skin colour of compound bulb (7.1.16.1)	1998	white (including cream, light yellows and very pale browns) (1)
Shaft diameter (7.1.10.)	1998	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1998	medium (18-27 cm) (2)
Shape of compound bulb in horizontal section (7.1.21)	1998	50% circular (1)
	1998	50% elliptic (2)
Shape of mature garlic bulb (7.1.12.)	1998	broadly ovate (basal plate even) (3)
Skin colour of the clove (7.1.16.2.)	1998	red and violet (4)
Weight of cloves (7.1.22.)	1998	high (> 4 g) (3)

Further remarks: virus-free, in AFLP analysis included, regrowth from cryo 73.7 %, safety duplicate in RIVC

ALL 1838

Passport data

Accession number	ALL 1838
Year of introduction	1984
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Donor	Botanical Garden, Belarussian Academy of Sciences, Minsk
Donor place	Minsk, Belarus
Collecting site	Chatkal Mountains, Uzbekistan - 69°25'00" E / 41°15'00" N

Genotype classification IV b (Maaß & Klaas, 1995)

Field pictures



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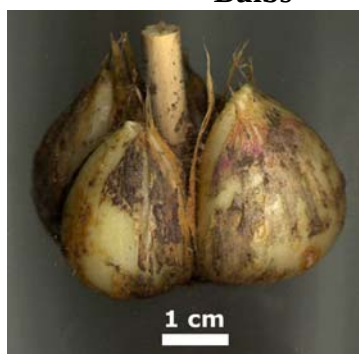
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Bulbs



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Bulbs, cut



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Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	low (< 10g) (1)
Ability to produce scape (7.2.2.)	1997	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	50% regular quadruple (4)
	1997	50% regular multi-cloved radial (3)
Flower number in umbel (7.2.6.)	1997	many flowers (more than 30 flowers) (2)
Foliage attitude (7.1.5.)	1997	semi-erect (6)
Foliage colour (7.1.1.)	1997	dark green (7)
Number of bulbils (7.1.24.)	1997	many (more than 30 bulbils) (2)
Number of cloves per compound bulb (7.1.19.)	1997	50% 2-4 cloves (2)
	1997	50% 5-10 cloves (3)
Outer skin colour of compound bulb (7.1.16.1)	1997	50% white with coloured stripes (2)
	1997	50% white (including cream, light yellows and very pale browns) (1)
Shaft diameter (7.1.10.)	1997	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1997	tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1997	50% circular (1)
	1997	50% elliptic (2)
Shape of mature garlic bulb (7.1.12.)	1997	broadly ovate (basal plate even) (3)
Skin colour of the clove (7.1.16.2.)	1997	red and violet (4)
Weight of cloves (7.1.22.)	1997	small (up to 2g) (1)

Further remarks: in AFLP analysis included, regrowth from cryo 45.2 %, safety duplicate in CRI

ALL 1839

Passport data

Accession number	ALL 1839
Year of introduction	1984
Taxon	<i>Allium sativum</i> L. <i>Longicuspis</i> Group
Collection	Tajikistan 1984
Collecting site	Chorongon gorge northeast of Dushanbe, loamy slope, Tajikistan - 68°52'00" E / 38°41'00" N / altitude 1200-1300 m
Collection number	T 44

Genotype classification I b (Maaß & Klaas, 1995)

Field pictures



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Bulbs



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Bulbs, cut



© Keller 23.7.1998

Inflorescences



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Characterisation data

Descriptor (Descriptor Code)	Year of Observation	Value (Scoring Value)
100-bulbil weight (7.1.23.)	1997	low (< 10g) (1)
Ability to produce scape (7.2.2.)	1997	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	regular quadruple (4)
Flower number in umbel (7.2.6.)	1997	many flowers (more than 30 flowers) (2)
Foliage attitude (7.1.5.)	1997	semi-erect (6)
Foliage colour (7.1.1.)	1997	dark green (7)
Number of bulbils (7.1.24.)	1997	many (more than 30 bulbils) (2)
Number of cloves per compound bulb (7.1.19.)	1997	2-4 cloves (2)
Outer skin colour of compound bulb (7.1.16.1)	1997	white (including cream, light yellows and very pale browns) (1)
Shaft diameter (7.1.10.)	1997	medium (8-22 mm) (2)
Shaft length (7.1.9.2.)	1997	50% medium (18-27 cm) (2)
	1997	50% tall (> 28cm) (3)
Shape of compound bulb in horizontal section (7.1.21)	1997	50% elliptic (2)
	1997	50% circular (1)
Shape of mature garlic bulb (7.1.12.)	1997	50% broadly ovate (basal plate even) (3)
	1997	50% 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 45.5 %, safety duplicate in CRI