

**GARLIC ACCESSIONS**

**P2 – POLAND**

**Collection maintained by Horticultural Institute Skierniewice**

**List of Accessions in the Collection**

**black - safety duplicate in IPK, Gatersleben**

**green - safety duplicate in CRI, Prague-Ruzyne**

|        |        |
|--------|--------|
| 225311 | 225695 |
| 225330 | 225696 |
| 225346 | 225697 |
| 225351 | 225698 |
| 225386 | 225721 |
| 225423 | 225722 |
| 225438 | 225729 |
| 225539 | 225732 |
| 225540 | 225749 |
| 225543 | 225750 |
| 225551 | 225753 |
| 225586 | 225779 |
| 225588 | 225798 |
| 225590 | 225800 |
| 225593 | 225804 |
| 225594 | 225810 |
| 225599 | 225815 |
| 225600 | 225817 |
| 225604 | 225831 |
| 225653 | 225849 |
| 225671 | 225866 |
| 225685 | 225891 |
| 225688 | 225894 |
| 225690 | 225896 |
| 225692 |        |
| 225693 |        |

**SHALLOT ACCESSIONS**

**P0 – POLAND**

**Collection maintained by Horticultural Institute Skierniewice**

**171111**

**171113**

**171142**

**171175**

**233762**

**233764**

**233772**

**233843**

**233868**

**233871**

**233877**

**233881**

**233886**

**233887**

**233893**

**233896**

**233903**

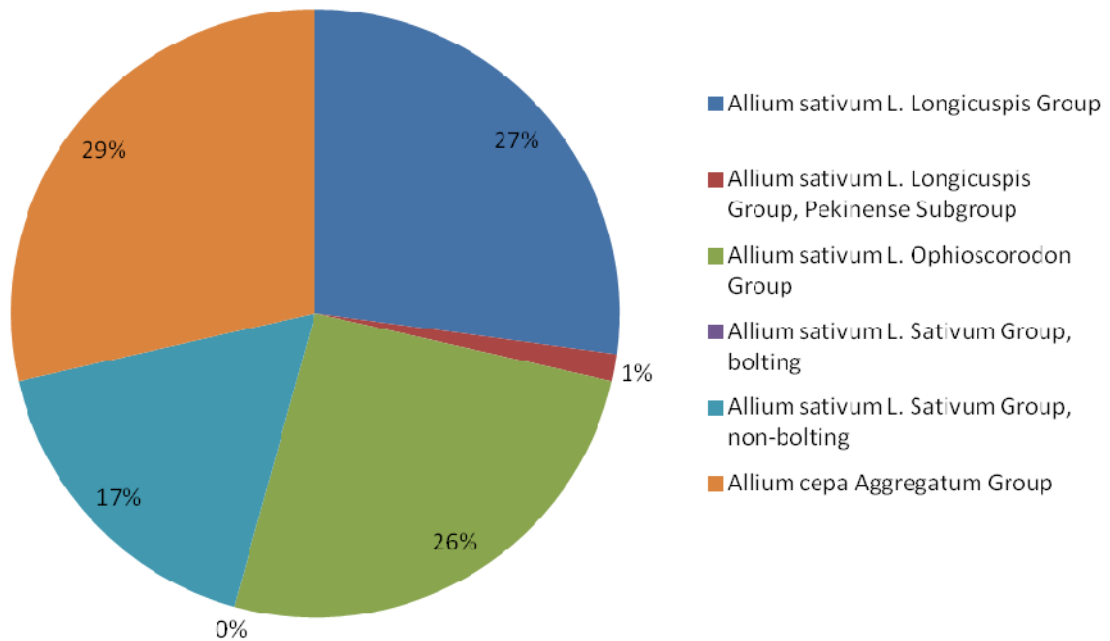
**233918**

**233937**

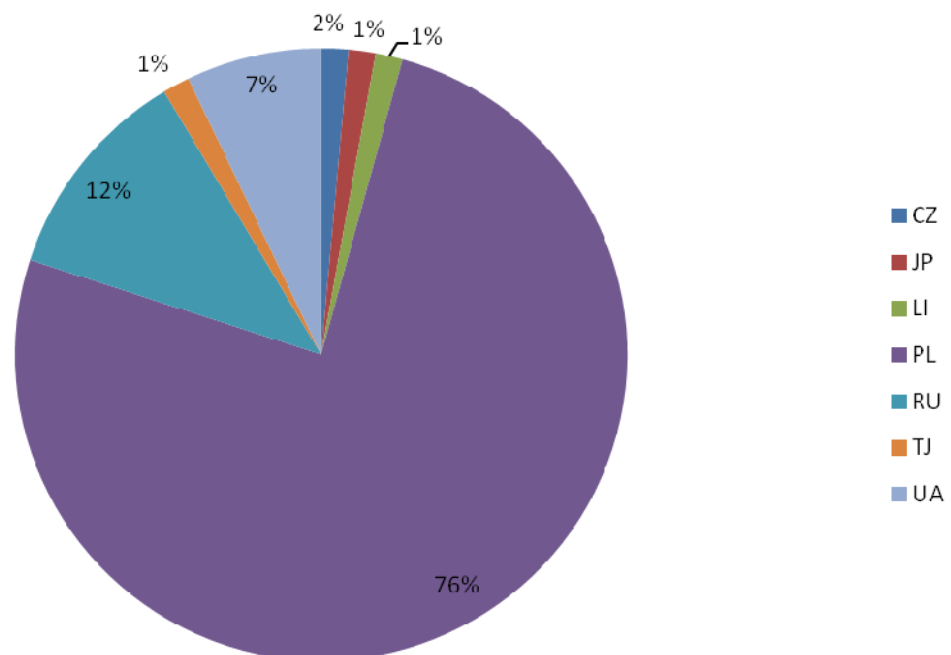
**233943**

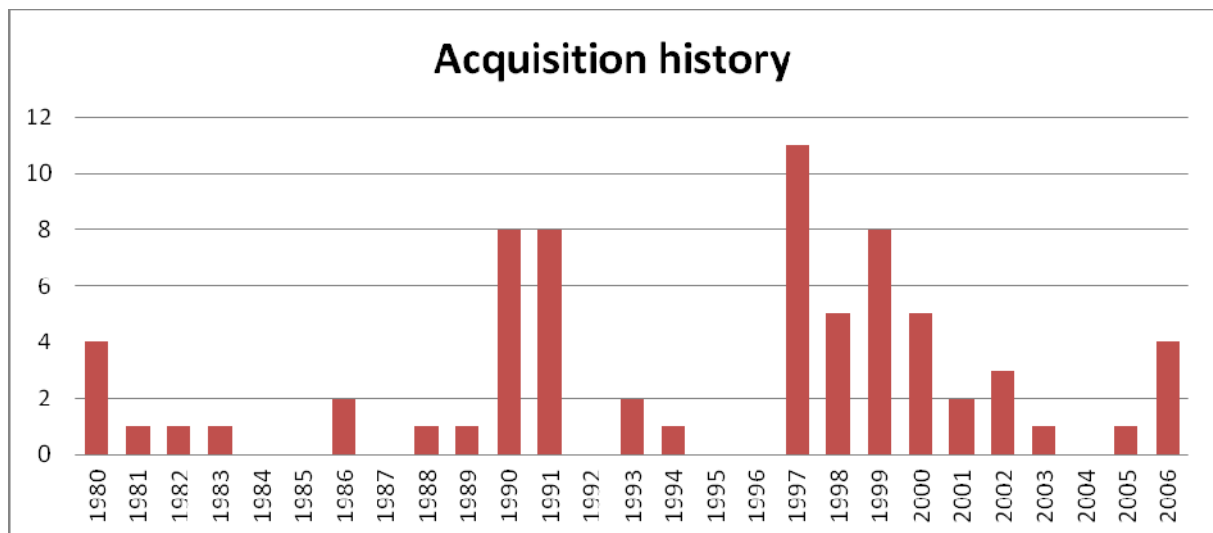
## Survey on 70 accessions

### Taxonomical groups



### Distribution of countries of origin



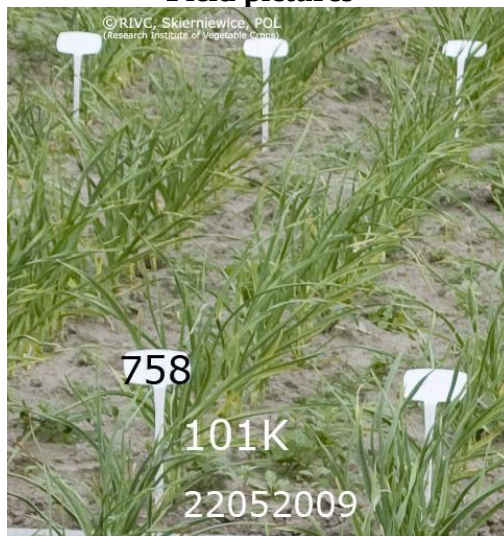


# 225311

## Passport data

**Accession number** 225311  
**Other number** 101K  
**Year of introduction** 1980  
**Taxon** *Allium sativum* L. *Sativum* Group, non-bolting  
**Collecting site** Novosibirsk, Russia - / 83°00'E / 55°00'N

## Field pictures



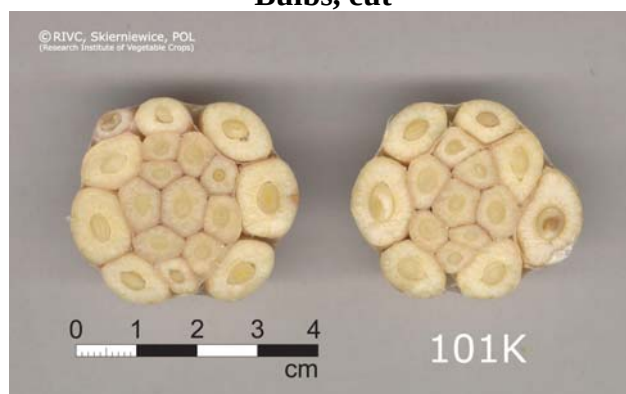
© Kotlińska

## Bulbs



© Kotlińska

## Bulbs, cut



© Kotlińska

## **Inflorescences**

No inflorescences existing

### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>                   | <b>Value (Scoring Value)</b>             |
|-------------------------------------------------------|------------------------------------------|
| Ability to produce scape (7.2.2)                      | scape absent (0)                         |
| Bulb structure type (7.1.20)                          | regular multi-fan groups (1)             |
| Flower number in umbel (7.2.6)                        | absent (0)                               |
| Foliage attitude (7.1.5)                              | intermediate (5)                         |
| Foliage colour (7.1.1)                                | dark green (5)                           |
| Number of bulbils (7.1.24)                            | absent (0)                               |
| Number of cloves per compound bulb (7.1.19)           | 16-20 cloves (5)                         |
| Outer skin colour (7.1.16.1)                          | cream (2)                                |
| Shaft diameter (7.1.10)                               | narrow (3)                               |
| Shape of compound bulb in horizontal section (7.1.21) | circular (1)                             |
| Shape of mature garlic bulb (7.1.12)                  | heart-shaped (basal plate retracted) (2) |
| Skin colour of the clove (7.1.16.2)                   | other (99) - cream-rose                  |

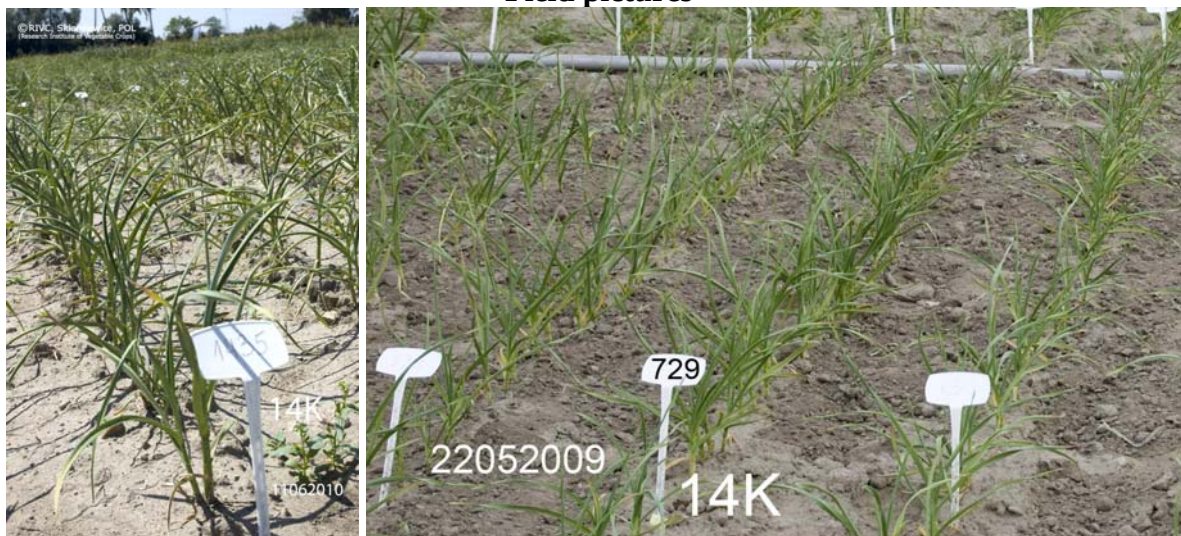
**Further remarks:** in AFLP analysis included, regrowth from cryo 30.0 %, safety duplicate in IPK

# 225330

## Passport data

Accession number 225330  
Other number 14K  
Year of introduction 1986  
Taxon *Allium sativum* L. *Sativum* Group, non-bolting  
Collecting site Pacanow, Stopnica 10SW, Poland - 21°02'E /50°24'N / altitude 200 m

## Field pictures



© Kotlińska

## Bulbs and Bulbs, cut



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## **Inflorescences**

No inflorescences existing

### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>                   | <b>Value (Scoring Value)</b>         |
|-------------------------------------------------------|--------------------------------------|
| Ability to produce scape (7.2.2)                      | scape absent (0)                     |
| Bulb structure type (7.1.20)                          | regular multi-fan groups (1)         |
| Flower number in umbel (7.2.6)                        | absent (0)                           |
| Foliage attitude (7.1.5)                              | erect (7)                            |
| Foliage colour (7.1.1)                                | dark green (5)                       |
| Number of bulbils (7.1.24)                            | absent (0)                           |
| Number of cloves per compound bulb (7.1.19)           | 5-10 cloves (3)                      |
| Outer skin colour (7.1.16.1)                          | cream (2)                            |
| Shaft diameter (7.1.10)                               | narrow (3)                           |
| Shape of compound bulb in horizontal section (7.1.21) | elliptic (2)                         |
| Shape of mature garlic bulb (7.1.12)                  | broadly ovate (basal plate even) (3) |
| Skin colour of the clove (7.1.16.2)                   | other (99) - rose-beige              |

**Further remarks:** in AFLP analysis included, regrowth from cryo 40.0 %, safety duplicate in IPK



# 225346

## Passport data

|                      |                                                                            |
|----------------------|----------------------------------------------------------------------------|
| Accession number     | 225346                                                                     |
| Other number         | 23K                                                                        |
| Year of introduction | 1986                                                                       |
| Taxon                | <i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting                 |
| Collecting site      | Topola, Kazimierza Wielka 15N, Poland - 20°53'E / 50°25'N / altitude 230 m |

## Field pictures



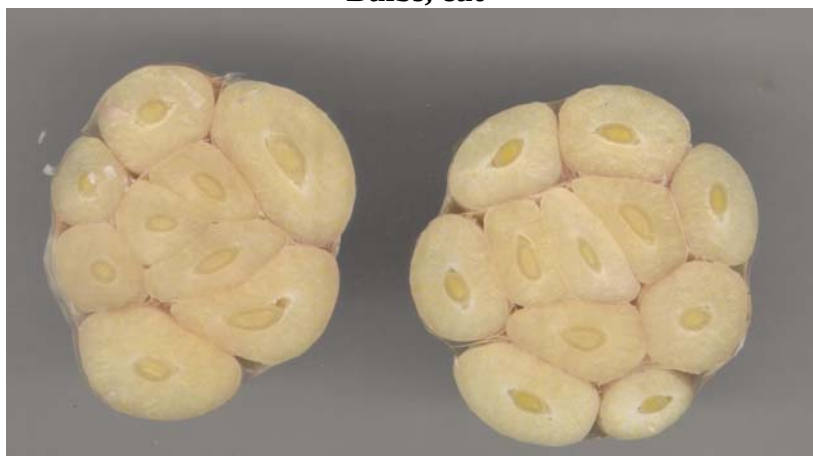
© Kotlińska

## Bulbs



© Kotlińska

## Bulbs, cut



© Kotlińska

## **Inflorescences**

No inflorescences existing

### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>                   | <b>Value (Scoring Value)</b>             |
|-------------------------------------------------------|------------------------------------------|
| Ability to produce scape (7.2.2)                      | scape absent (0)                         |
| Bulb structure type (7.1.20)                          | regular multi-fan groups (1)             |
| Flower number in umbel (7.2.6)                        | absent (0)                               |
| Foliage attitude (7.1.5)                              | erect (7)                                |
| Foliage colour (7.1.1)                                | dark green (5)                           |
| Number of bulbils (7.1.24)                            | absent (0)                               |
| Number of cloves per compound bulb (7.1.19)           | 5-10 cloves (3)                          |
| Outer skin colour (7.1.16.1)                          | cream (2)                                |
| Shaft diameter (7.1.10)                               | narrow (3)                               |
| Shape of compound bulb in horizontal section (7.1.21) | elliptic (2)                             |
| Shape of mature garlic bulb (7.1.12)                  | heart-shaped (basal plate retracted) (2) |
| Skin colour of the clove (7.1.16.2)                   | other (99) - rose-beige                  |

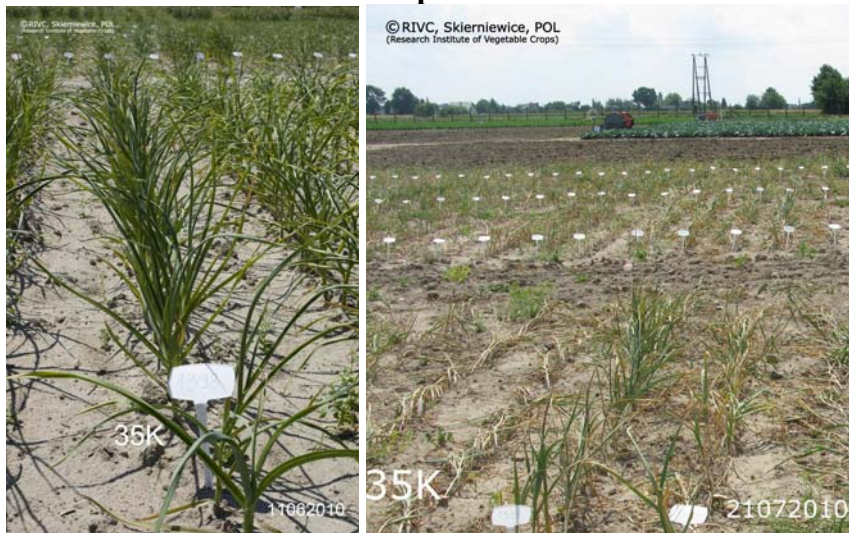
**Further remarks:** in AFLP analysis included, regrowth from cryo 33.3 %, safety duplicate in IPK

# 225351

## Passport data

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| Accession number     | 225351                                                     |
| Other number         | 35K                                                        |
| Year of introduction | 1980                                                       |
| Taxon                | <i>Allium sativum</i> L. <i>Sativum</i> Group, non-bolting |
| Collecting site      | Tarnopol, Ukraine - 25°38'E / 49°30'N                      |

## Field pictures



© Kotlińska

## Bulbs

So far no picture possible

## Bulbs, cut

So far no picture possible

## **Inflorescences**

No inflorescences existing

### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>         | <b>Value (Scoring Value)</b> |
|---------------------------------------------|------------------------------|
| Ability to produce scape (7.2.2)            | scape absent (0)             |
| Bulb structure type (7.1.20)                | irregular (6)                |
| Flower number in umbel (7.2.6)              | absent (0)                   |
| Foliage attitude (7.1.5)                    | erect (7)                    |
| Foliage colour (7.1.1)                      | dark green (5)               |
| Number of bulbils (7.1.24)                  | absent (0)                   |
| Number of cloves per compound bulb (7.1.19) | 11-15 cloves (4)             |
| Outer skin colour (7.1.16.1)                | cream (2)                    |
| Skin colour of the clove (7.1.16.2)         | other (99) - beige           |

**Further remarks:** in AFLP analysis included, regrowth from cryo 36.0 %, safety duplicate in IPK

# 225386

## Passport data

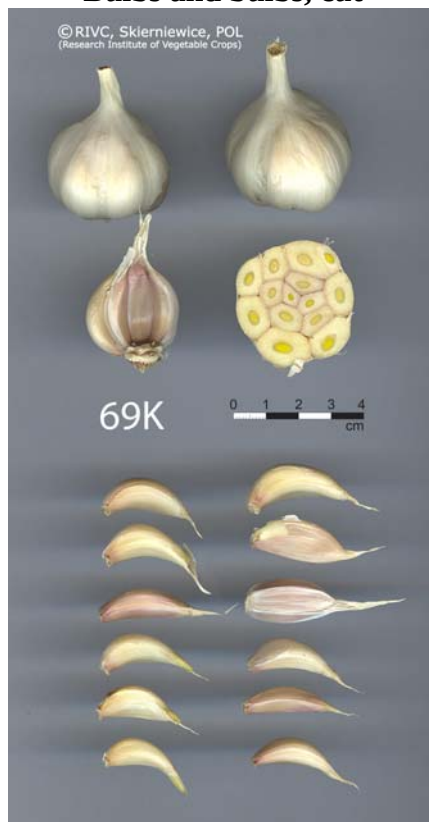
**Accession number** 225386  
**Other number** 69K  
**Year of introduction** 1981  
**Taxon** *Allium sativum* L. *Sativum* Group, non-bolting  
**Collecting site** Marcjanow, Kalisz 8E, Poland -18°20'E / 51°41'N / altitude 130 m

## Field pictures



© Kotlińska

## Bulbs and bulbs, cut



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## **Inflorescences**

No inflorescences existing

### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>                   | <b>Value (Scoring Value)</b>         |
|-------------------------------------------------------|--------------------------------------|
| Ability to produce scape (7.2.2)                      | scape absent (0)                     |
| Bulb structure type (7.1.20)                          | regular multi-fan groups (1)         |
| Flower number in umbel (7.2.6)                        | absent (0)                           |
| Foliage attitude (7.1.5)                              | erect (7)                            |
| Foliage colour (7.1.1)                                | dark green (5)                       |
| Number of bulbils (7.1.24)                            | absent (0)                           |
| Number of cloves per compound bulb (7.1.19)           | 11-15 cloves (4)                     |
| Outer skin colour (7.1.16.1)                          | cream (2)                            |
| Shaft diameter (7.1.10)                               | narrow (3)                           |
| Shape of compound bulb in horizontal section (7.1.21) | elliptic (2)                         |
| Shape of mature garlic bulb (7.1.12)                  | broadly ovate (basal plate even) (3) |
| Skin colour of the clove (7.1.16.2)                   | other (99) - cream-rose              |

**Further remarks:** virus-free, in AFLP analysis included, regrowth from cryo 48.0 %, safety duplicate in IPK



# 225423

## Passport data

**Accession number** 225423  
**Other number** 72K  
**Year of introduction** 1982  
**Taxon** *Allium sativum* L. *Sativum* Group, non-bolting  
**Collecting site** Czarnopole, Leczyca, Poland - 19°12'E / 52°03'N, altitude 120 m

## Field pictures



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## Bulbs



© Kotlińska

## Bulbs, cut



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## **Inflorescences**

No inflorescences existing

### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>                   | <b>Value (Scoring Value)</b>         |
|-------------------------------------------------------|--------------------------------------|
| Ability to produce scape (7.2.2)                      | scape absent (0)                     |
| Bulb structure type (7.1.20)                          | regular multi-fan groups (1)         |
| Flower number in umbel (7.2.6)                        | absent (0)                           |
| Foliage attitude (7.1.5)                              | intermediate (5)                     |
| Foliage colour (7.1.1)                                | dark green (5)                       |
| Number of bulbils (7.1.24)                            | absent (0)                           |
| Number of cloves per compound bulb (7.1.19)           | 16-20 cloves (5)                     |
| Outer skin colour (7.1.16.1)                          | cream (2)                            |
| Shaft diameter (7.1.10)                               | narrow (3)                           |
| Shape of compound bulb in horizontal section (7.1.21) | circular (1)                         |
| Shape of mature garlic bulb (7.1.12)                  | broadly ovate (basal plate even) (3) |
| Skin colour of the clove (7.1.16.2)                   | other (99) - cream-rose              |

**Further remarks:** in AFLP analysis included, regrowth from cryo 30.0 %, safety duplicate in IPK



# 225438

## Passport data

**Accession number** 225438  
**Other number** 50K  
**Year of introduction** 1983  
**Taxon** *Allium sativum* L. *Sativum* Group, non-bolting  
**Collecting site** Rekowo, Reda 20NW, Poland -18°25'E / 54°40'N / altitude 60 m

## Field pictures



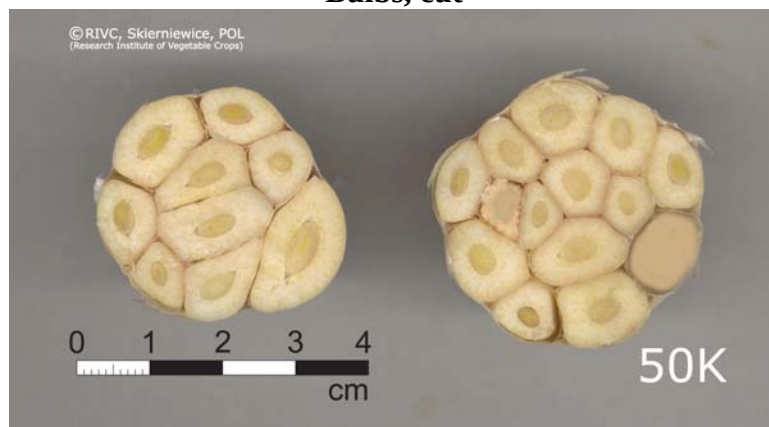
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## Bulbs



© Kotlińska

## Bulbs, cut



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## **Inflorescences**

No inflorescences existing

### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>                   | <b>Value (Scoring Value)</b>         |
|-------------------------------------------------------|--------------------------------------|
| Ability to produce scape (7.2.2)                      | scape absent (0)                     |
| Bulb structure type (7.1.20)                          | regular multi-fan groups (1)         |
| Flower number in umbel (7.2.6)                        | absent (0)                           |
| Foliage attitude (7.1.5)                              | erect (7)                            |
| Foliage colour (7.1.1)                                | dark green (5)                       |
| Number of bulbils (7.1.24)                            | absent (0)                           |
| Number of cloves per compound bulb (7.1.19)           | 11-15 cloves (4)                     |
| Outer skin colour (7.1.16.1)                          | cream (2)                            |
| Shaft diameter (7.1.10)                               | intermediate (5)                     |
| Shape of compound bulb in horizontal section (7.1.21) | elliptic (2)                         |
| Shape of mature garlic bulb (7.1.12)                  | broadly ovate (basal plate even) (3) |
| Skin colour of the clove (7.1.16.2)                   | other (99) - cream-rose              |

**Further remarks:** in AFLP analysis included, regrowth from cryo 32.0 %, safety duplicate in CRI

# 225539

## Passport data

**Accession number** 225539  
**Other number** 232K  
**Year of introduction** 1991  
**Taxon** *Allium sativum* L. *Ophioscorodon* Group  
**Collecting site** Raciborsko, Wieliczka 10S, Poland - 20°04'E / 49°57'N / altitude 450 m

## Field pictures



© Kotlińska

## Bulbs



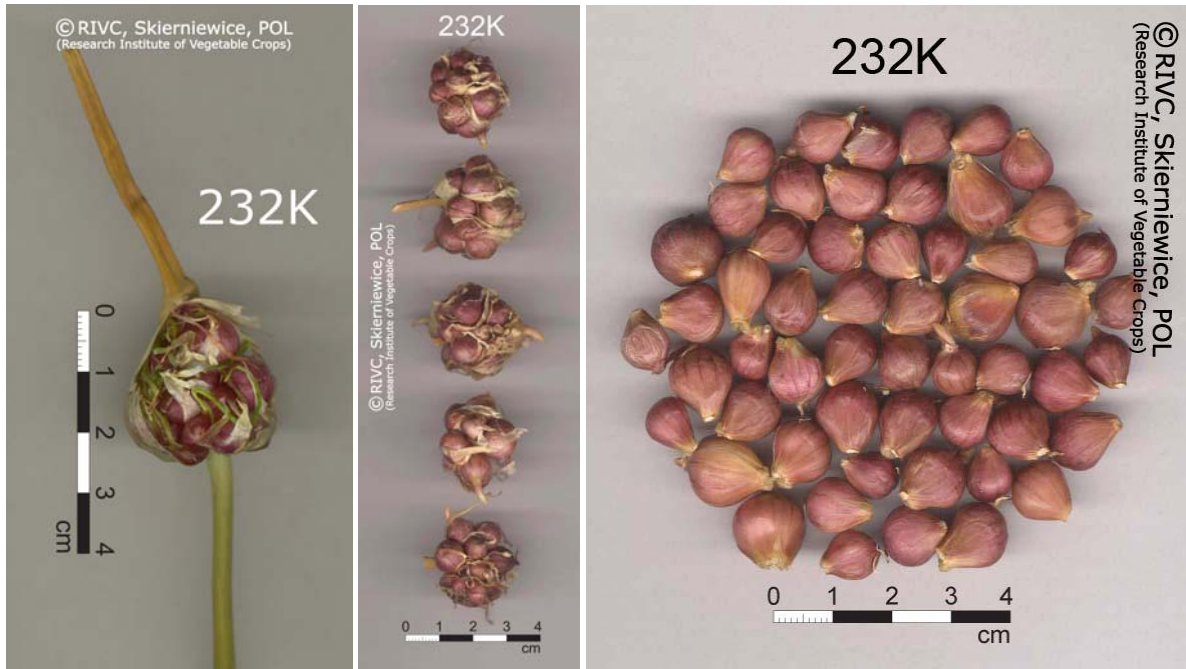
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## Bulbs, cut



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## Inflorescences



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## Characterisation data

### Descriptor (Descriptor Code)

100-bulbil weight (7.1.23)  
 Ability to produce scape (7.2.2)  
  
 Bulb structure type (7.1.20)  
 Flower number in umbel (7.2.6)  
 Foliage attitude (7.1.5)  
 Foliage colour (7.1.1)  
 Number of bulbils (7.1.24)  
 Number of cloves per compound bulb (7.1.19)  
 Outer skin colour (7.1.16.1)  
 Shaft diameter (7.1.10)  
 Shaft length (7.1.9.2)  
 Shape of compound bulb in horizontal section (7.1.21)  
 Shape of mature garlic bulb (7.1.12)  
 Skin colour of the clove (7.1.16.2)

### Value (Scoring Value)

high (> 30 g) (3)  
 flowering plants with flower heads with  
 bulbils (with/without flowers) (2)  
 regular two-fan groups (2)  
 few (<30) (1)  
 intermediate (5)  
 dark green (5)  
 many (more than 30 bulbils) (2)  
 5-10 cloves (3)  
 beige (3)  
 broad (7)  
 short (< 18 cm) (3)  
 other (99) - triangular  
 broadly ovate (basal plate even) (3)  
 other (99) - beige-violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 40.6 %, safety duplicate in IPK

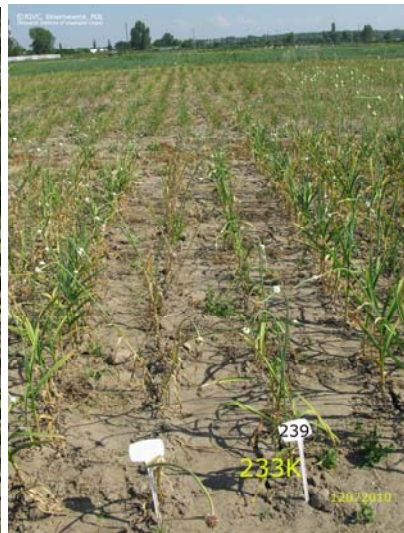


# 225540

## Passport data

Accession number 225540  
Other number 233K  
Year of introduction 1991  
Taxon *Allium sativum* L. *Ophioscorodon* Group  
Collecting site Kamienica, Mszana 30SE, Poland - 20°21'E / 49°34'N / altitude 460 m

## Field pictures



© Kotlińska

## Bulbs and Bulb,cut



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## Inflorescences



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## Characterisation data

### Descriptor (Descriptor Code)

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shaft length (7.1.9.2)

Shaft length (7.1.9.2)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

### Value (Scoring Value)

high (> 30 g) (3)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular two-fan groups (2)

absent (0)

prostrate (3)

dark green (5)

few (fewer than 30 bulbils) (1)

11-15 cloves (4)

beige (3)

broad (7)

short (< 18 cm) (3)

long (> 27cm) (3)

elliptic (2)

broadly ovate (basal plate even) (3)

other (99) - brown-violet

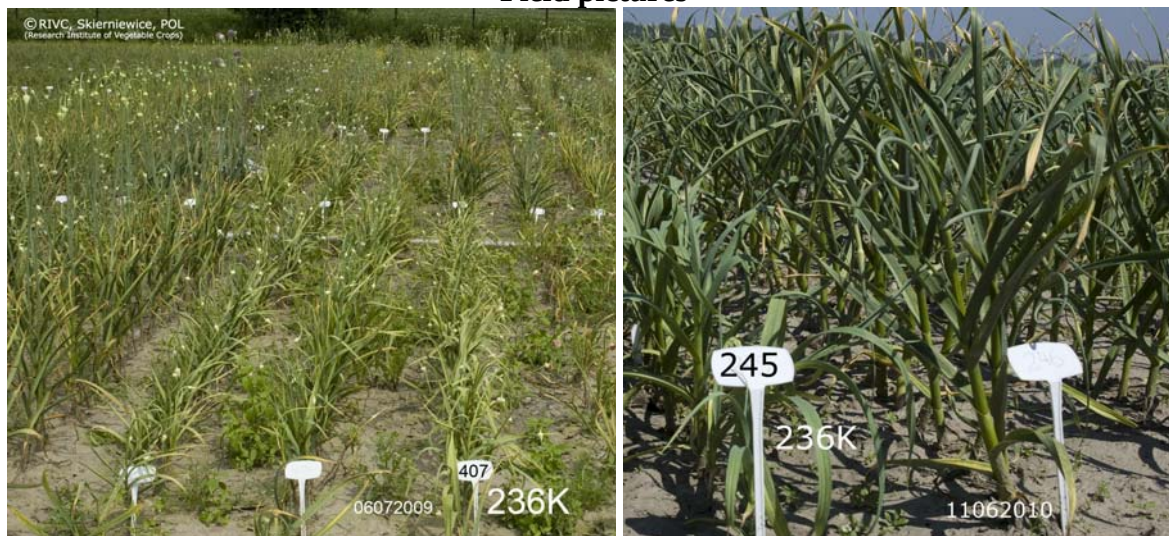
**Further remarks:** in AFLP analysis included, regrowth from cryo 34.2 %, safety duplicate in IPK

# 225543

## Passport data

**Accession number** 225543  
**Other number** 236K  
**Year of introduction** 1991  
**Taxon** *Allium sativum* L. *Ophioscorodon* Group  
**Collecting site** Raba Wyzna, Rabka 8S, Poland - 19°53'E / 49°34'N / altitude 560 m

## Field pictures



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## Bulbs



© Kotlińska

## Bulbs, cut



© Kotlińska



## Inflorescences



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## Characterisation data

### Descriptor (Descriptor Code)

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shaft length (7.1.9.2)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

### Value (Scoring Value)

high (> 30 g) (3)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular multi-cloved radial (3)

few (<30) (1)

prostrate (3)

dark green (5)

few (fewer than 30 bulbils) (1)

5-10 cloves (3)

other (99) - white-beige

broad (7)

intermediate (5)

other (99) - triangular

broadly ovate (basal plate even) (3)

other (99) - brown-violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 50.0 %, safety duplicate in IPK



# 225551

## Passport data

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Accession number     | 225551                                              |
| Other number         | 244K                                                |
| Year of introduction | 1991                                                |
| Taxon                | <i>Allium sativum</i> L. <i>Ophioscorodon</i> Group |
| Collecting site      | Suchowola, Augustow 35S, Poland                     |

## Field pictures



© Kotlińska

## Bulbs and Bulbs, cut



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## Inflorescences



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### Characterisation data

#### **Descriptor (Descriptor Code)**

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shaft length (7.1.9.2)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

#### **Value (Scoring Value)**

high (> 30 g) (3)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular two-fan groups (2)

few (<30) (1)

erect (7)

purplish-green (7)

few (fewer than 30 bulbils) (1)

11-15 cloves (4)

other (99) - beige with violet stripes

broad (7)

long (> 27 cm) (7)

circular (2)-

broadly ovate (basal plate even) (3)

other (99) - beigen-violet

**Further remarks:** not in AFLP analysis included, regrowth from cryo 74.0 %, safety duplicate in CRI

# 225586

## Passport data

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Accession number     | 225586                                            |
| Other number         | 159K                                              |
| Year of introduction | 1989                                              |
| Taxon                | <i>Allium sativum</i> L. <i>Longicuspis</i> Group |
| Collecting site      | Olomouc, Czech Republic - 17°15'E / 49°35'N       |

## Field pictures



© Kotlińska

## Bulbs and Bulbs, cut



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### **Characterisation data**

#### **Descriptor (Descriptor Code)**

Ability to produce scape (7.2.2)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Skin colour of the clove (7.1.16.2)

#### **Value (Scoring Value)**

flowering plants with flower heads with bulbils (with/without flowers) (2)

many (>30) (2)

intermediate (5)

dark green (5)

many (more than 30 bulbils) (2)

5-10 cloves (3)

other (99) - beige with violet stripes

broad (7)

other (99) - beige-violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 30.0 %, safety duplicate in IPK

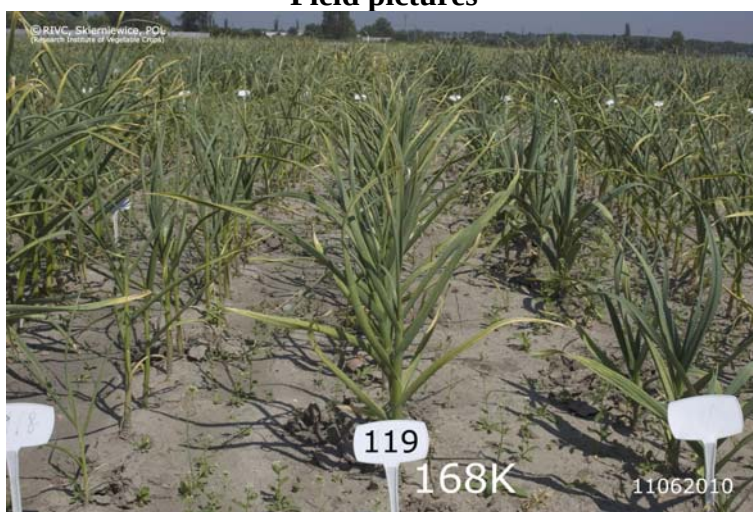


# 225588

## Passport data

Accession number 225588  
Other number 168K  
Year of introduction 1990  
Taxon *Allium sativum* L. *Longicuspis* Group  
Collecting site Krzczonów, Kazimierza Wlk. Poland, initially from Lithuania - 20°39'E / 50°17'N / altitude 215 m

## Field pictures



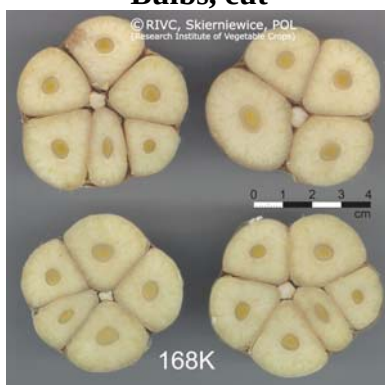
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## Bulbs



© Kotlińska

## Bulbs, cut



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## Inflorescences



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## Characterisation data

### Descriptor (Descriptor Code)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

### Value (Scoring Value)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular multi-cloved radial (3)

few (<30) (1)

erect (7)

dark green (5)

many (more than 30 bulbils) (2)

5-10 cloves (3)

beige (3)

broad (7)

other (99) - mixture

broadly ovate (basal plate even) (3)

other (99) - brown with violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 42.0 %, safety duplicate in IPK



# 225590

## Passport data

**Accession number** 225590  
**Other number** 171K  
**Year of introduction** 1990  
**Taxon** *Allium sativum* L. *Longicuspis* Group  
**Collecting site** Gorno Altajsk, Bijsk 89S, Russia - 85°58'E / 51°58'N

## Field pictures



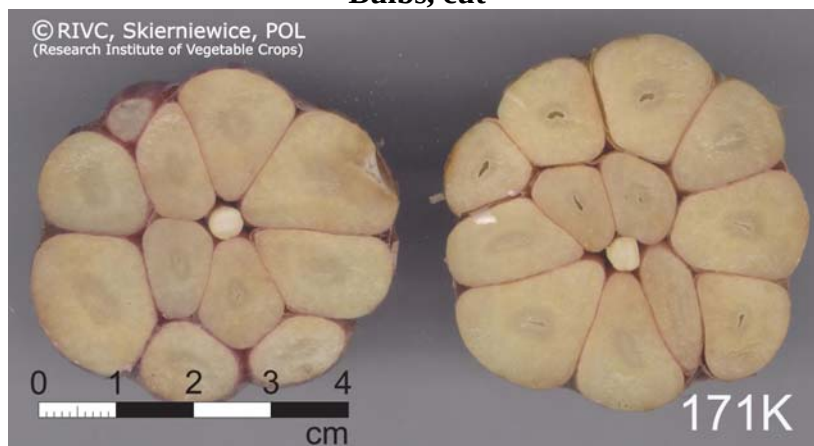
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## Bulbs



© Kotlińska

## Bulbs, cut



© Kotlińska

## Inflorescences



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## Characterisation data

### Descriptor (Descriptor Code)

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

### Value (Scoring Value)

low (< 10g) (1)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular two-fan groups (2)

many (>30) (2)

erect (7)

dark green (5)

many (more than 30 bulbils) (2)

11-15 cloves (4)

other (99) - gray with violet stripes

broad (7)

other (99) - mixture

broadly ovate (basal plate even) (3)

other (99) - brown-violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 68.0 %, safety duplicate in IPK

# 225593

## Passport data

**Accession number** 225593  
**Other number** 180K  
**Year of introduction** 1990  
**Taxon** *Allium sativum* L. *Longicuspis* Group  
**Collecting site** Novosibirsk, Russia - 82°55'E / 55°02'N

## Field pictures



© Kotlińska

## Bulbs



© Kotlińska

## Bulbs, cut



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## Inflorescences



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## Characterisation data

### Descriptor (Descriptor Code)

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

### Value (Scoring Value)

medium (10-30 g) (2)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular multi-cloved radial (3)

many (>30) (2)

erect (7)

dark green (5)

many (more than 30 bulbils) (2)

5-10 cloves (3)

other (99) - gray with violet shade

broad (7)

other (99) - triangular

heart-shaped (basal plate retracted) (2)

other (99) - brown-violet

**Further remarks:** virus-free, in AFLP analysis included, regrowth from cryo 30.0 %, safety duplicate in IPK

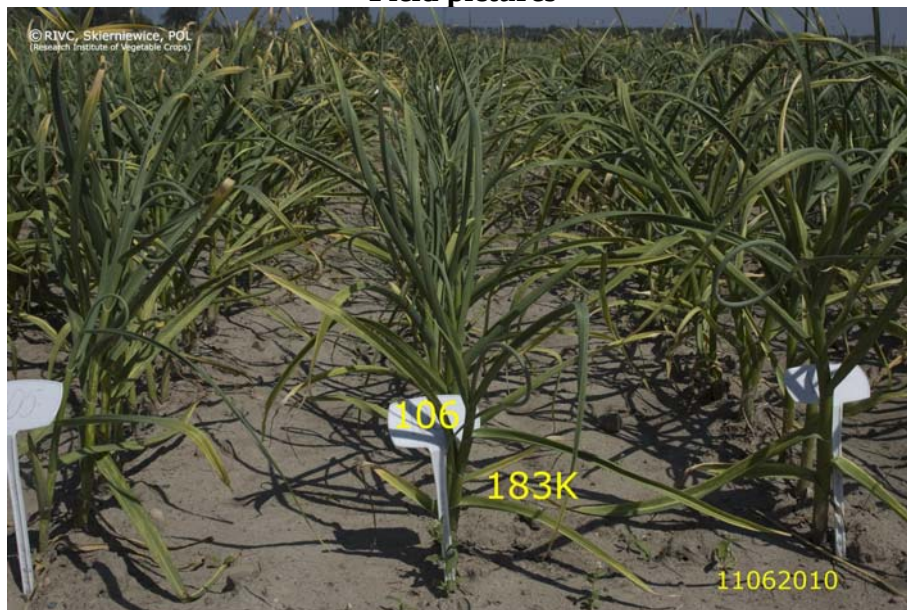


# 225594

## Passport data

Accession number 225594  
Other number 183K  
Year of introduction 1990  
Taxon *Allium sativum* L. *Longicuspis* Group *Pekinense* Subgroup  
Collecting site Petropavlovskoje, Bijsk 90SW, Russia - 84°08'E / 52°04'N

## Field pictures



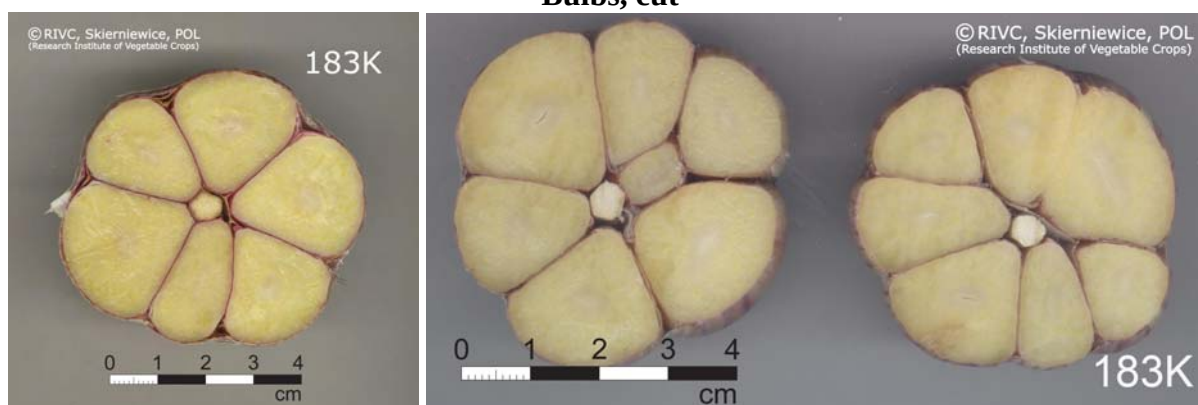
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## Bulbs



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## Bulbs, cut



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## Inflorescences



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### Characterisation data

#### **Descriptor (Descriptor Code)**

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

#### **Value (Scoring Value)**

medium (10-30 g) (2)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular multi-cloved radial (3)

many (>30) (2)

erect (7)

dark green (5)

many (more than 30 bulbils) (2)

5-10 cloves (3)

other (99) - beige with violet stripes

broad (7)

other (99) - triangular

broadly ovate (basal plate even) (3)

other (99) - dark violet-brown

**Further remarks:** in AFLP analysis included, regrowth from cryo 34.0 %, safety duplicate in IPK

# 225599

## Passport data

Accession number 225599  
Other number 190K  
Accession name (group, landrace, variety) SIR-10  
Year of introduction 1990  
Taxon *Allium sativum* L. *Ophioscorodon* Group  
Collecting site Lesnoj Gorodok, Moskow 25W, Russia - 37°13'E / 55°39'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)

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

### Value (Scoring Value)

medium (10-30 g) (2)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular quadruple (4)

few (<30) (1)

erect (7)

dark green (5)

many (more than 30 bulbils) (2)

5-10 cloves (3)

other (99) - white-violet

broad (7)

circular (1)

broadly ovate (basal plate even) (3)

other (99) - brown-violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 28.0 %, safety duplicate in IPK

# 225600

## Passport data

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| Accession number     | 225600                                                 |
| Accession name       | Gribowskij Ljubilejnyj                                 |
| Other number         | 192K                                                   |
| Year of introduction | 1990                                                   |
| Taxon                | <i>Allium sativum</i> L. <i>Longicuspis</i> Group      |
| Collecting site      | Lesnoj Gorodok, Moscow 25W, Russia - 37°13'E / 55°39'N |

## Field pictures



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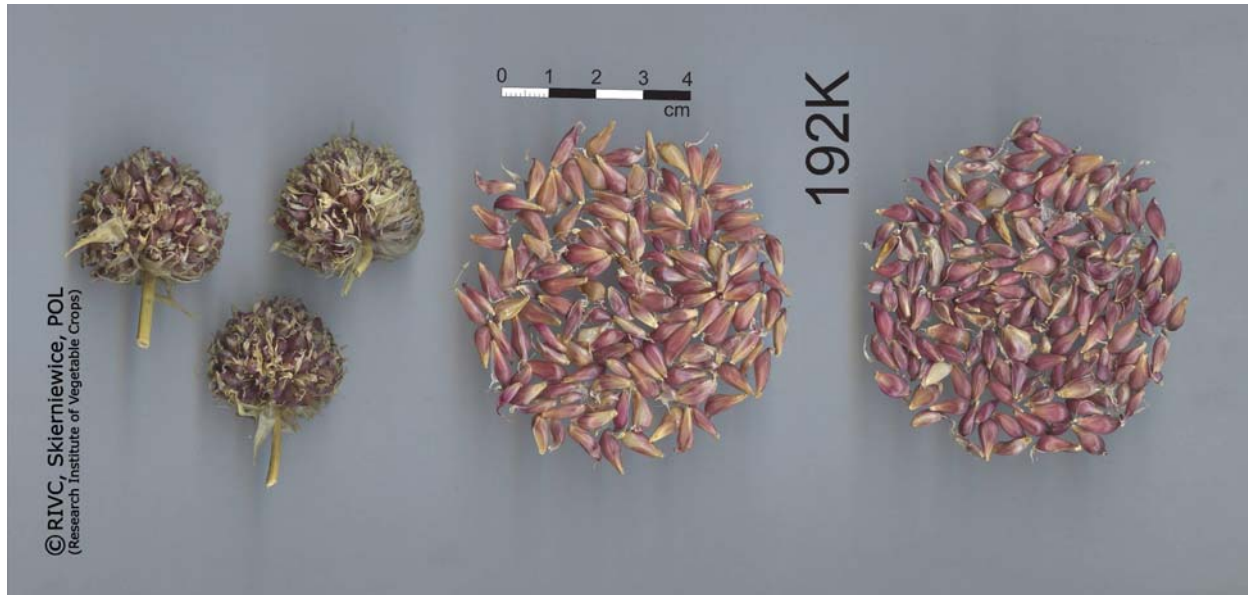
## Bulbs and Bulbs, cut



© Kotlińska



## Inflorescences



### Characterisation data

#### **Descriptor (Descriptor Code)**

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

#### **Value (Scoring Value)**

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular multi-cloved radial (3)

many (>30) (2)

erect (7)

purplish green (7)

many (more than 30 bulbils) (2)

5-10 cloves (3)

other (99) - white-violet

broad (7)

other (99) - triangular

broadly ovate (basal plate even) (3)

other (99) - brown-violet

**Further remarks:** not in AFLP analysis included, regrowth from cryo 54.0 %, safety duplicate in IPK

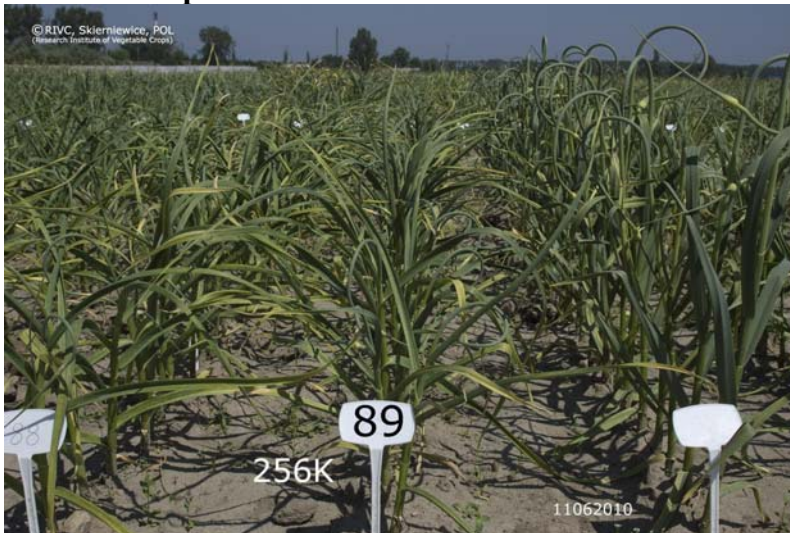


# 225604

## Passport data

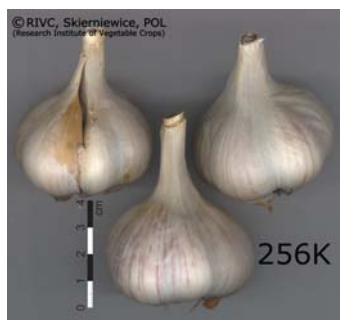
Accession number 225604  
Other number 256K  
Year of introduction 1994  
Taxon *Allium sativum* L. *Ophioscorodon* Group  
Collecting site Smolnica, Suwalki 26N, Poland - 22°58'E / 54°19'N

## Field pictures



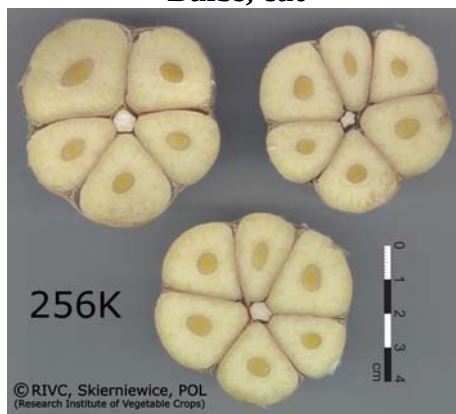
© Kotlińska

## Bulbs



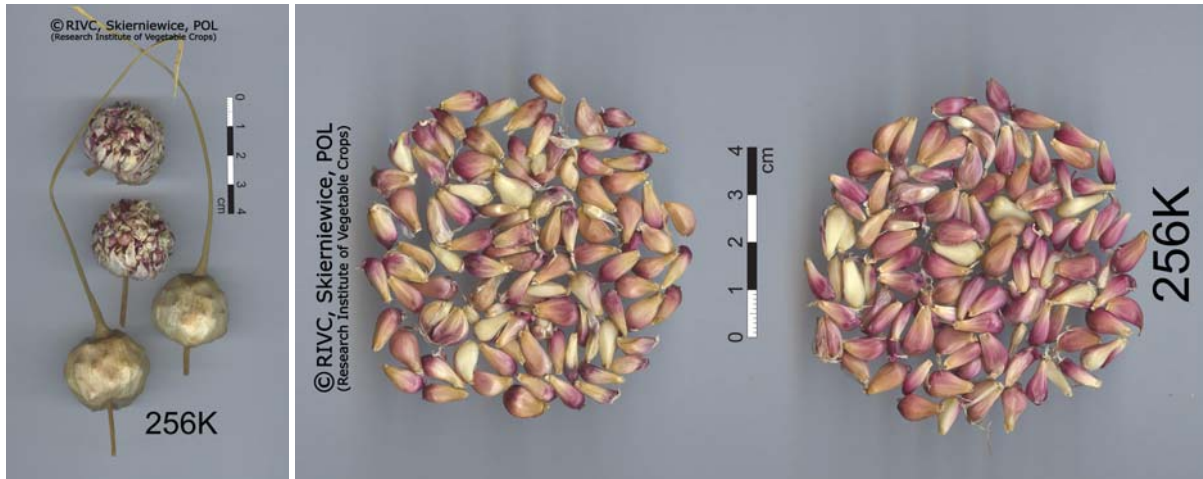
© Kotlińska

## Bulbs, cut



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## Inflorescences



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### Characterisation data

#### **Descriptor (Descriptor Code)**

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shaft length (7.1.9.2)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

#### **Value (Scoring Value)**

medium (10-30 g) (2)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular multi-cloved radial (3)

few (<30) (1)

erect (7)

green (3)

many (more than 30 bulbils) (2)

5-10 cloves (3)

other (99) - beige-violet

broad (7)

intermediate (5)

other (99) - triangular

heart-shaped (basal plate retracted) (2)

other (99) - beige-brown-violet

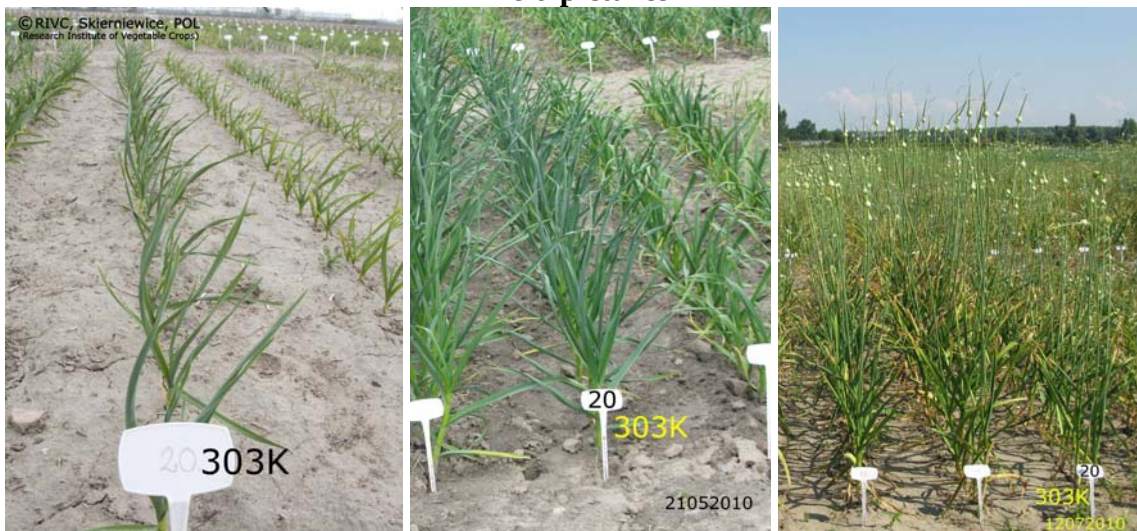
**Further remarks:** in AFLP analysis included, regrowth from cryo 20.2 %, safety duplicate in IPK

# 225653

## Passport data

|                                           |                                                          |
|-------------------------------------------|----------------------------------------------------------|
| Accession number                          | 225653                                                   |
| Other number                              | 303K                                                     |
| Accession name (group, landrace, variety) | Dunganskij Type                                          |
| Year of introduction                      | 1988                                                     |
| Taxon                                     | <i>Allium sativum</i> L. <i>Longicuspis</i> Group        |
| Collecting site                           | Dushanbe, Tajikistan - 68°40'E / 38°25'N, altitude 750 m |

## Field pictures



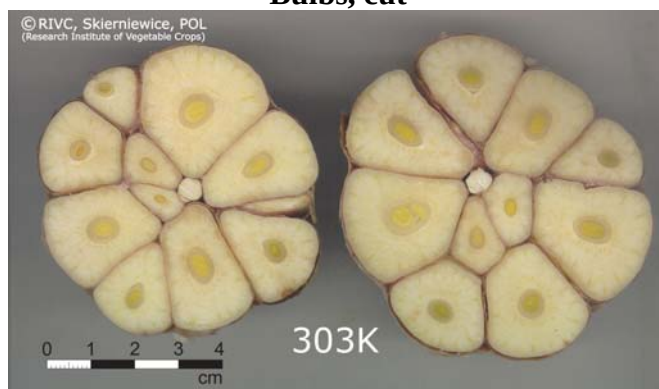
© Kotlińska

## Bulbs



© Kotlińska

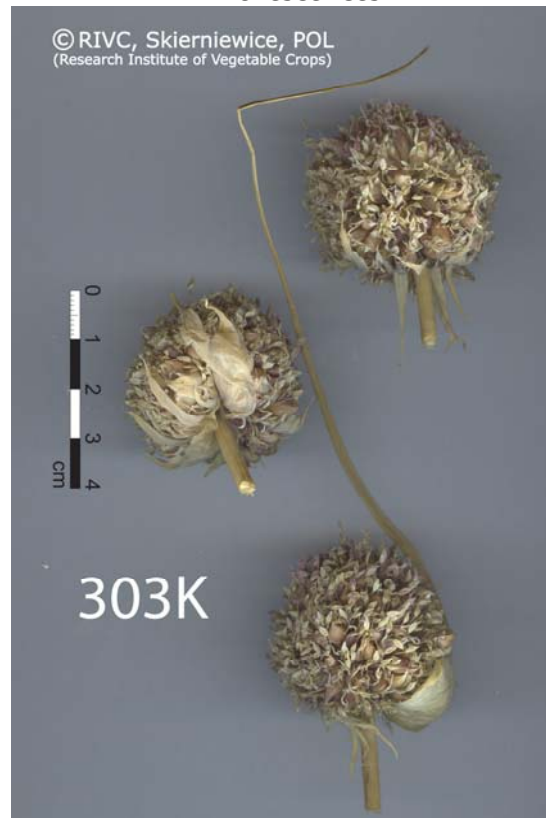
## Bulbs, cut



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## Inflorescences



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### **Characterisation data**

| <b>Descriptor (Descriptor Code)</b>                   | <b>Value (Scoring Value)</b>                                               |
|-------------------------------------------------------|----------------------------------------------------------------------------|
| 100-bulbil weight (7.1.23)                            | low (< 10g) (1)                                                            |
| Ability to produce scape (7.2.2)                      | flowering plants with flower heads with bulbils (with/without flowers) (2) |
| Bulb structure type (7.1.20)                          | irregular (6)                                                              |
| Flower number in umbel (7.2.6)                        | many (>30) (2)                                                             |
| Foliage attitude (7.1.5)                              | erect (7)                                                                  |
| Foliage colour (7.1.1)                                | bluish green (6)                                                           |
| Number of bulbils (7.1.24)                            | many (more than 30 bulbils) (2)                                            |
| Number of cloves per compound bulb (7.1.19)           | 11-15 cloves (4)                                                           |
| Outer skin colour (7.1.16.1)                          | other (99) - beige with violet                                             |
| Shaft diameter (7.1.10)                               | broad (7)                                                                  |
| Shape of compound bulb in horizontal section (7.1.21) | other (99) - mixture                                                       |
| Shape of mature garlic bulb (7.1.12)                  | broadly ovate (basal plate even) (3)                                       |
| Skin colour of the clove (7.1.16.2)                   | other (99) - beige-violet                                                  |

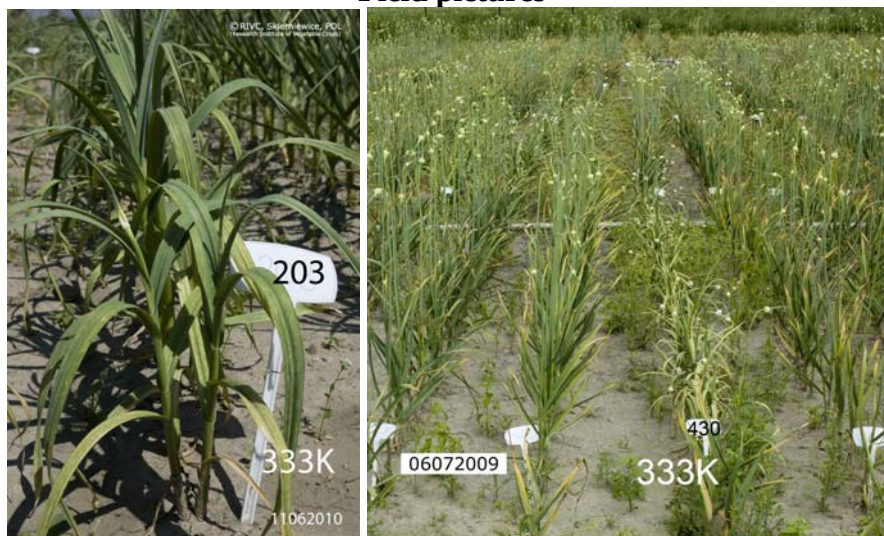
**Further remarks:** in AFLP analysis included, regrowth from cryo 44.0 %, safety duplicate in IPK

# 225671

## Passport data

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Accession number     | 225671                                              |
| Other number         | 333K                                                |
| Year of introduction | 1997                                                |
| Taxon                | <i>Allium sativum</i> L. <i>Ophioscorodon</i> Group |
| Collecting site      | Dorotischsche, Ukraine - 24°41'E / 51°38'N          |

## Field pictures



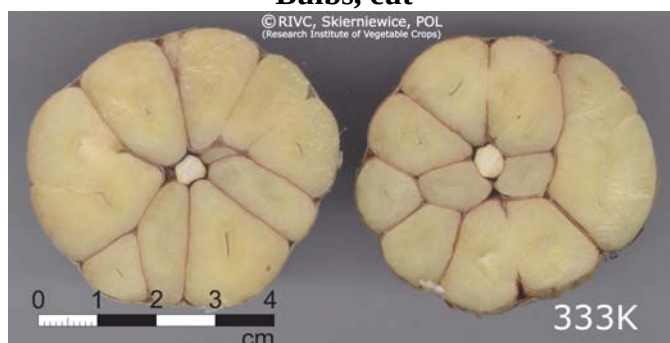
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## Bulbs



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## Bulbs, cut



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## Inflorescences



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### **Characterisation data**

#### **Descriptor (Descriptor Code)**

100-bulbil weight (7.1.23)

Ability to produce scape (7.2.2)

Bulb structure type (7.1.20)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shaft length (7.1.9.2)

Shape of compound bulb in horizontal section (7.1.21)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

#### **Value (Scoring Value)**

high (> 30 g) (3)

flowering plants with flower heads with bulbils (with/without flowers) (2)

regular two-fan groups (2)

few (<30) (1)

prostrate (3)

dark green (5)

many (more than 30 bulbils) (2)

11-15 cloves (4)

other (99) - gray-beige

broad (7)

intermediate (5)

other (99) - mixture

heart-shaped (basal plate retracted) (2)

other (99) - brown-violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 78.0 %, safety duplicate in IPK

# 225685

## Passport data

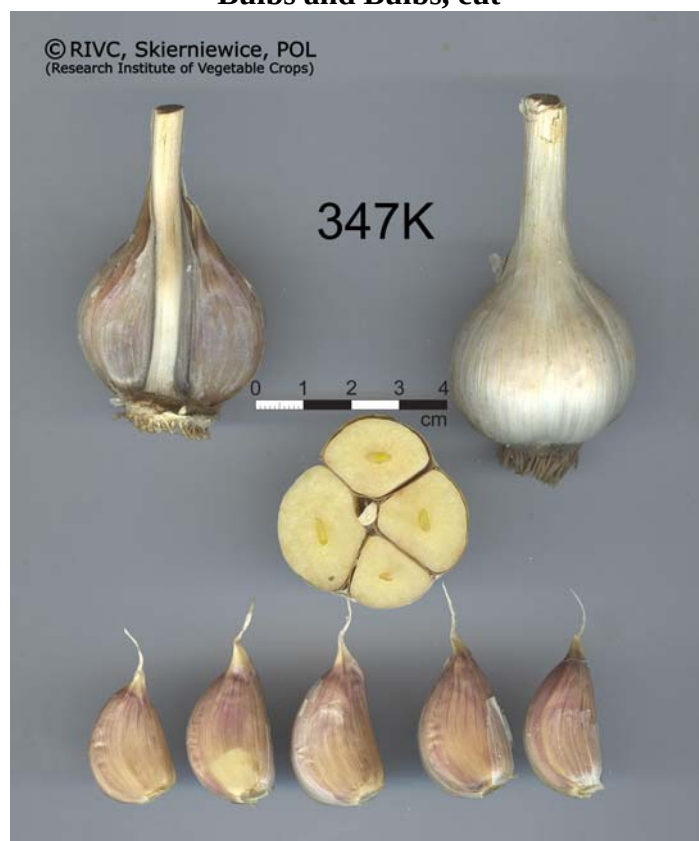
|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Accession number     | 225685                                              |
| Other number         | 347K                                                |
| Year of introduction | 1997                                                |
| Taxon                | <i>Allium sativum</i> L. <i>Longisuspis</i>         |
| Collecting site      | Krakow, Poland - 19°57'E / 50°03'N / altitude 220 m |

## Field pictures



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## Bulbs and Bulbs, cut



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## Inflorescences



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### Characterisation data

#### **Descriptor (Descriptor Code)**

Ability to produce scape (7.2.2)

Flower number in umbel (7.2.6)

Foliage attitude (7.1.5)

Foliage colour (7.1.1)

Number of bulbils (7.1.24)

Number of cloves per compound bulb (7.1.19)

Outer skin colour (7.1.16.1)

Shaft diameter (7.1.10)

Shape of mature garlic bulb (7.1.12)

Skin colour of the clove (7.1.16.2)

#### **Value (Scoring Value)**

flowering plants with flower heads with bulbils (with/without flowers) (2)

many (>30) (2)

erect (7)

dark green (5)

many (more than 30 bulbils) (2)

5-10 cloves (3)

cream (2)

broad (7)

broadly ovate (basal plate even) (3)

other (99) - beige-violet

**Further remarks:** in AFLP analysis included, regrowth from cryo 90.0 %, safety duplicate in IPK