Variety research

Fase 1 variety trial results, Scala

Trial purpose

This is a trial 1 variety trial. This is a variety screening fase only. The purpose of this trial is to screen a large number of semi commercial numbered and named selections for potential in the Central European Market. Selections deemed as having the most potential are propagated in a comparable manner and further evaluated in a replicated trial (fase 2).

Trial details

* Raised beds in open field/ soil: 60 cm wide, ± 10 cm high
* Black plastic mulch: PE, d = 0,02 mm
* Plant density: 4 plants per m² (33,3 cm plant distance)
* 60 planten per plot
* 1 replicate

**Objecten**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ras/selectie** | **Plantdatum** | **Planttype** | **Herkomst** | |
| Elsanta | 24-08-16 | Misted tip | PRI | NL |
| Scala | 29-08-16 | vers | New Fruits | I |

**Tabel :** Productieresultaten rassenproef junidragers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Benaming** | **kg/pl (g)** | **(%)** | **kg/m² (g)** | **50% pluk** |
| Elsanta | 1,46 | 100 | 5,85 | 09-06-17 |
| Scala | 1,20 | 82 | 4,81 | 02-06-17 |

**Tabel :** Vruchtsortering (%) rassenproef junidragers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Object** | **Klasse I** | **Klasse II** | **Uitval** | **Krom** |
| Elsanta | 57 | 9 | 18 | 17 |
| Scala | 73 | 0 | 7 | 20 |

**SCALA (SG02,30):**

**PLANT:**

* Light green large cupped tall leaves.
* Sparsely vegetated very open plant
* Long petioles and large leaves.
* Large showy flowers with good pollen quality.

**Fruit:**

* Simple truss structure
* Firm fruit with almost crunchy texture
* Primary fruits 80g+
* Excellent uniform fruit presentation
* Vibrant uniform full red colour
* Taste is average
* Seeds well placed in the fruit flesh not embedded or raised.
* Seeds often with a green colour
* Fruit can turn dark if not picked on time.

**PEST/DISEASE/OTHER:**

* Good rain tolerance but neck is prone to splitting
* No plant deaths recorded.

**CONCLUSION:**

* Given the very generous fruit size and the notable absence of class 2 fruit this variety is of particular interest for trying as a 60 day crop or a summer crop on heavier soils in Limburg. There is an interest from growers in this type of production system because it offers a longer harvest season following the normal spring June bearers production window. Scala appears to have many of the attributes that are necessary for a successful variety in this production system such as good fruit firmness, not prone to seediness and large fruit size. Next year Scala will be planted in this type of production system to see if it is suitable.

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