

## Passport data

|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Prime name                                 | FLAME SEEDLESS                                                                                |
| Color of berry skin                        | ROUGE                                                                                         |
| Variety number VIVC                        | 4141                                                                                          |
| Country or region of origin of the variety | UNITED STATES OF AMERICA                                                                      |
| Species                                    | VITIS VINIFERA LINNÉ SUBSP. SATIVA (DE CANDOLLE) HEGI                                         |
| Pedigree as given by breeder/bibliography  | (CARDINAL X SULTANINA) X ((RED MALAGA X TIFAFIHI AHMER) X (MUSCAT OF ALEXANDRIA X SULTANINA)) |
| Pedigree confirmed by markers              |                                                                                               |
| Full pedigree                              | YES                                                                                           |
| Prime name of parent 1                     | GARGIULO 4320                                                                                 |
| Prime name of parent 2                     | (RED MALAGA X TIFAFIHI AHMER) X (MUSCAT OF ALEXANDRIA X THOMPSON SEEDLESS)                    |
| Parent - offspring relationship            |                                                                                               |
| Offspring                                  | YES                                                                                           |
| Breeder                                    | Weinberger, John H.; Harmon, F. N.                                                            |
| Breeder institute code                     | USA104                                                                                        |
| Breeder contact address                    | Horticultural Field Station USDA/ARS                                                          |
| Year of crossing                           | 1961                                                                                          |
| Year of selection                          |                                                                                               |
| Year of protection                         |                                                                                               |
| Formation of seeds                         | NONE                                                                                          |
| Sex of flowers                             | HERMAPHRODITE                                                                                 |
| Taste                                      | NONE                                                                                          |
| Chlorotype                                 | B                                                                                             |
| Photos of the cultivar                     | 12                                                                                            |
| SSR-marker data                            | YES                                                                                           |
| Loci for resistance                        |                                                                                               |
| Degree of resistance                       | YES                                                                                           |
| Loci of traits                             |                                                                                               |
| Table of accession names                   | YES                                                                                           |
| Table of area                              | YES                                                                                           |
| Registered in the European Catalogue       | YES                                                                                           |

### Links to:

- Bibliography
- Remarks to prime names and institute codes

### Synonyms: 7

|                |              |                    |       |
|----------------|--------------|--------------------|-------|
| F32-137        | FLAIM SIDLES | FLEM SIDLES        | HEIKE |
| HEIKE SEEDLESS | RED FLAME    | RED FLAME SEEDLESS |       |

### Holding institutions (institute codes): 33

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| AUS034 | AUT024 | BGR013 | BRA003 | BRA006 | CAN058 | CZE041 | DEU098 | DEU454 | DEU456 | ESP074 | FRA139 |
| FRA274 | GRC010 | HUN007 | HUN045 | IDN 01 | ISR013 | ITA 06 | ITA 13 | ITA362 | ITA368 | ITA388 | MEX062 |
| MNE001 | TUR020 | TUR041 | USA 04 | USA 06 | USA 07 | USA 09 | USA028 | ZAF 01 |        |        |        |



## Utilization

TABLE GRAPE