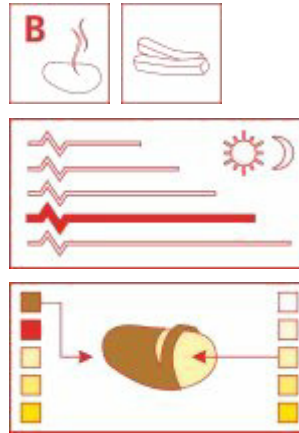


## General production advice French Fries

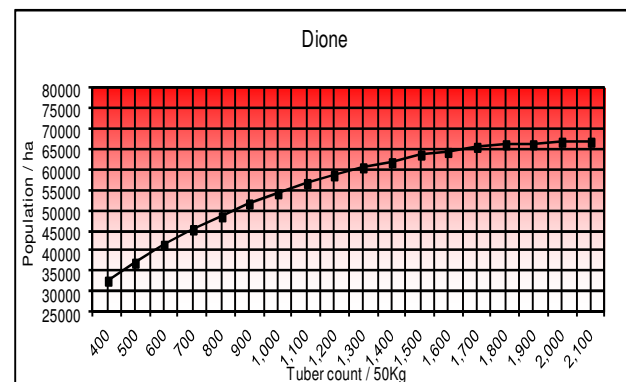
- \* High yield 50mm +
- \* Suitable for QSR
- \* Robust variety
- \* Suitable mid/ long term storage
- \* Good Alternaria resistance



|                               |                                |
|-------------------------------|--------------------------------|
| <b>Maturity</b>               | <b>Main crop</b>               |
| <b>Tuber Size</b>             | <b>Large</b>                   |
| <b>Tuber Shape</b>            | <b>Oval</b>                    |
| <b>Numbers of Tubers</b>      | <b>11</b>                      |
| <b>Flesh Colour</b>           | <b>Light Yellow</b>            |
| <b>Skin Colour</b>            | <b>Russet</b>                  |
| <b>Berries</b>                | <b>Few</b>                     |
| <b>Dormancy</b>               | <b>Medium</b>                  |
| <b>Emergence</b>              | <b>Slow</b>                    |
| <b>Sencorex Sensitivity</b>   | <b>Pre emergence only</b>      |
| <b>Foliage Development</b>    | <b>Strong</b>                  |
| <b>Dry Matter</b>             | <b>22.9%</b>                   |
| <b>Foliage Blight</b>         | <b>7</b>                       |
| <b>Tuber Blight</b>           | <b>8</b>                       |
| <b>Alternaria</b>             | <b>9</b>                       |
| <b>Blackleg</b>               | <b>6</b>                       |
| <b>Common Scab</b>            | <b>7</b>                       |
| <b>Powdery Scab</b>           | <b>7</b>                       |
| <b>Gangrene</b>               | <b>-</b>                       |
| <b>Potato Leaf Roll Virus</b> | <b>-</b>                       |
| <b>PVYn</b>                   | <b>8</b>                       |
| <b>Yntn Tuber Tolerance</b>   | <b>8</b>                       |
| <b>Spraing</b>                | <b>6</b>                       |
| <b>Black Scurf</b>            | <b>4</b>                       |
| <b>Dry Rot</b>                | <b>6</b>                       |
| <b>Slugs</b>                  | <b>-</b>                       |
| <b>Internal Bruising</b>      | <b>10(1=Low, 20=Sensitive)</b> |
| <b>Little Potato Disorder</b> | <b>8</b>                       |
| <b>PCN R01,4</b>              | <b>Resistant</b>               |
| <b>PCN Pa2 Pa3</b>            | <b>Susceptible</b>             |

**(1=Susceptible, 9=Resistant)**

### Plant Population



Click on Density chart for full size

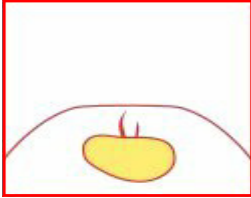
### Fertiliser

**Dione is a more robust than Innovator recommended 10% less Nitrogen.**

**Phosphate and Potassium use RB209 recommended rates.**

## General production advice French Fries

### Pre-treatment and planting



**Dione** is an early main crop maturity there are no advantages from physiological ageing the variety. Encourage the seed to break dormancy and plant with multiple eyes just open.

**Dione** is best grown on medium bodied soil with limited PCN and Free Living Nematodes. **Dione** has poor tolerance to PCN and is slightly susceptible to Spraing.

**Dione** is slightly susceptible to greening, plant deeper than soil level for more efficient use of water and nutrients and ensure good formation of the ridge to help preventing greening.

Tuber and or soil treatments are advised to help control Rhizoctonia and other soil borne diseases.

### Growing attention points



**Dione** is slightly susceptible to Metribuzin (sencorex) use under advice when applying post emergence.

**Dione** has good resistance to foliage and tuber blight, but continue to use a robust blight programme with products that have a recommendation for Alternaria. Eg. (Consento)

### Haulm killing and harvest

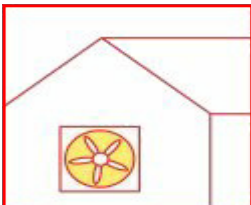


Maturity at burn off will maximise the storage potential of the variety.

Haulm desiccation should not cause any problems, tubers separate from stolons easily, reducing damage and bruising.

Skin set must be fully complete before attempting to harvest, failure to do so may result in poor storage quality.

### Storage



High volume forced air ventilation in the days immediately following harvest is a vital part of a good curing regime for **Dione** due to the russetted skin.

**Dione** is particularly well suited to medium/long term storage with its excellent sugar stability. Storage at 7.0-8.0°C is advised and ventilate regularly with outside air to refresh the store.