



IPM POTATO GROUP

QUALITY IN THE BREED | QUALITY IN THE SEED

VANILLA

Parentage: OP4563/24 x Orla
Sector: Fresh/Bakers
Cooking Type: B

- Excellent eating quality with great taste and texture
- High yields of very bright, smooth skinned and shallow eyed round to short oval tubers
- Very regular shape and tuber size uniformity
- Good resistance to bruising, blackleg and PVY
- Good tuber numbers; leading to low seed rates and reduced establishment costs
- Early bulking maincrop with good skin set

Disease & Pest Resistance

| | |
|----------------|---|
| Foliage Blight | 4 |
| Tuber Blight | 6 |
| Common Scab | 5 |
| Blackleg | 5 |
| Powdery Scab | 3 |
| Silver Scurf | 6 |
| Black Dot | 6 |
| Slugs | 4 |
| Black Scurf | 6 |
| Stem Canker | 4 |
| PCN Ro1 | S |
| PCN Pa2,3 | S |
| Spraing | 6 |
| Gangrene | 6 |
| Dry Rot | 3 |
| Skin Spot | 6 |
| Leaf Roll | 6 |
| X-Virus | - |
| Y-Virus | 6 |
| Wart Disease | I |

1=Susceptible, 9=Resistant
R=Resistant, S=Susceptible

Agronomic Characteristics

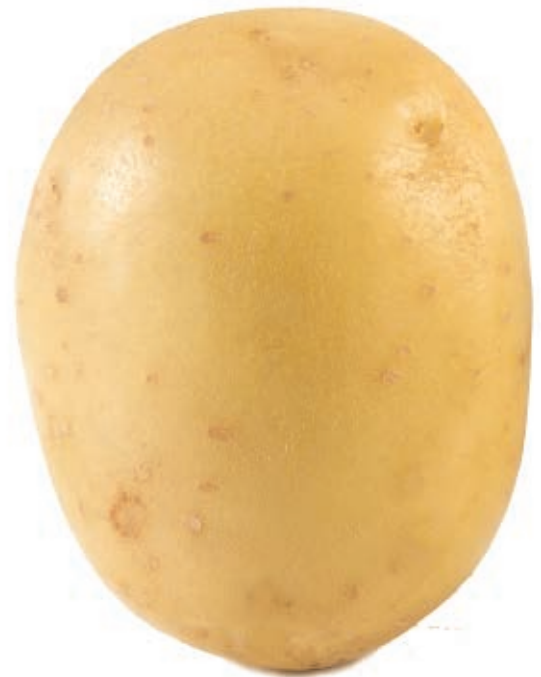
| | |
|------------------------|--------|
| Maturity | 6 |
| Skin Colour | Y |
| Flesh Colour | Y |
| Tuber Shape | 4 |
| Eye Depth | 7 |
| Uniformity | 7 |
| Tuber Numbers | 6 (15) |
| Freedom from outgrades | 7 |
| Yield | 7 |
| Dry Matter % | 19 |
| Dormancy | 6 |
| Drought resistance | 6 |
| Damage | 6 |
| Bruising | 7 |

9 = high, 1 = low

Flesh Colour: 9 = yellow, 1 = white

Skin Colour: W = white, Y = yellow, R = red

Tuber Shape: 9 = long oval, 1 = round



Key Growing Guidelines

- Ideally suited to medium bodied loams with irrigation; particularly 'skin finish' soils
- Due to good tuber numbers, lower than average seed rates are optimal. Consider soil type, chronological age and market requirements
- To achieve early production, consider physiological ageing to produce apical dominance
- Ideally plant once soil temperatures have reached 8.0 °C to avoid Rhizoctonia
- Consider using tuber and or soil based fungicide to improve skin finish and tuber setting
- Responsive to medium/high levels of nitrogen
- Split application of nitrogen will help to maintain canopy vigour throughout growing season
- Slight susceptibility to greening can be counteracted by planting at 15cm and good ridge formation
- Metribuzin can be used pre-emergence, yellowing may occur if applied post-emergence
- Follow a robust blight programme with actives that have good Alternaria control

Seed Spacing & Plant Populations

| TC/50Kg | Density/ha | Row / Seed Spacing cm | | | Seed Rate 91 cm Row | |
|---------|------------|-----------------------|----|----|---------------------|------|
| | | 81 | 86 | 91 | t/ha | t/ac |
| 500 | 25326 | 49 | 46 | 43 | 2.50 | 1.00 |
| 600 | 26909 | 46 | 43 | 41 | 2.25 | 0.90 |
| 700 | 28703 | 43 | 40 | 38 | 2.00 | 0.85 |
| 800 | 30753 | 40 | 38 | 36 | 1.90 | 0.80 |
| 900 | 33119 | 37 | 35 | 33 | 1.85 | 0.75 |
| 1000 | 35879 | 34 | 32 | 30 | 1.80 | 0.72 |
| 1100 | 39141 | 31 | 30 | 28 | 1.75 | 0.70 |

Fertiliser Requirement Kg/Ha

Applications should be tailored to specific situations and crop requirements. Refer to MAFF RB209 (7th ed) For P & K assume a soil index of one.

| | | Pre-Planting | Planting | Top Dress | Total | (only top dress if necessary) |
|------------------|-------------------------------------|--------------|----------|-----------|-------|------------------------------------|
| Nitrogen | (N) | | 200 | 50 | 250 | Indx1 RB209:-90-120 day var. Grp.2 |
| Phosphate | (P₂O₅) | | 200 | | 200 | (Soil index 1) |
| Potash | (K₂O) | | 250 | | 250 | (Soil index 1) |