IPM POTATO GROUP
QUALITY IN THE BREED | QUALITY IN THE SEED

Seed for ware profile

ETERNITY

- Dual PCN resistant & tolerant
- Stable sugars with long term storage potential
- Drought tolerant with low Nitrogen requirement

Sector: French Fry

Market: UK

Parentage: Sagitta x Amanda

Cooking Type: B

DUAL PCN | FRENCH FRY | SUSTAINABLE

Dual PCN resistant French fry variety suitable for long term storage with exceptional fry colours.

Disease & Pest Resistance

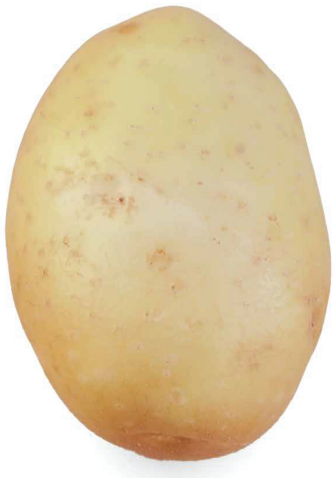
Foliage Blight	7
Tuber Blight	6
Common Scab	6
Blackleg	-
Powdery Scab	8
Silver Scurf	-
Black Dot	-
Slugs	-
Black Scurf	3
Stem Canker	-
PCN Ro1	9
PCN Pa2,3	9
Spraing (TRV)	-
Spraing (PMTV	-
Gangrene	5
Dry Rot	5
Leaf Roll	-
X-Virus	-
Y-Virus	-
Wart Disease	-

1 = Susceptible
9 = Resistant

Agronomic Characteristics

Maturity	Maincrop
Skin Colour	Yellow
Flesh Colour	Yellow
Tuber Shape	Oval
Flower Colour	White
Eye Depth	Shallow
Uniformity	7
Tuber Numbers	5 (10)
Freedom from outgrades	7
Dry Matter %	21.5
Dormancy	8
Drought Resistance	8
Damage	7
Bruising	7
Other internal faults	-

9 = High | 1 = Low



Key Growing Guidelines Eternity Ware

- Eternity has a long dormancy, allow seed to acclimatise with eyes at white bud stage before planting.
- The variety has a susceptibility to Rhizoctonia, **do not** plant early and ensure the seed and soil are treated with a fungicide.
- Follow Nitrogen recommendation, Eternity is a strong robust variety and has a low Nitrogen requirement.
- A robust desiccation programme is required for effective skin set and stolon detachment.

Seed Spacing & Plant Populations

50kg Tuber Count	Density		Spacing		Seed Rate	
	Ha	Acre	91 cm	36 "	Ha	Acre
500	28,703	11,621	38.00	14.96	2.87	1.16
600	30,735	12,443	36.00	14.17	2.56	1.04
700	33,119	13,409	33.00	12.99	2.37	0.96
800	35,879	14,526	30.00	11.81	2.24	0.91
900	38,102	15,426	29.00	11.42	2.12	0.86
1,000	40,618	16,445	27.00	10.63	2.03	0.82
1,100	43,055	17,431	25.00	9.84	1.96	0.79

Based on average soils type, planting date and 183cm / 72" two row system

Fertiliser Requirements

Applications should be tailored to specific crop requirements.
Refer to RB209 Nutrient Management Guide

Length of Growing Season	Variety Determinacy Group	Soil Nitrogen Supply Index (Kg N/ha)		
		0 and 1	2, 3 and 6	5 and 6
> 120 days	4	100 - 120	60 - 80	20 - 40

Nutrient	Phosphorous (P) or Potassium (K) Index (Kg/ha)			
	0	1	2	3
Phosphate (P2O5)	250	210	170	100
Potash (K2O)	360	330	300	150

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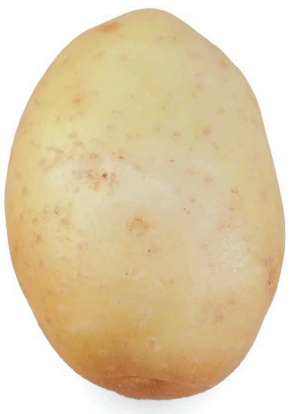

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50kg Tuber Count	Density		Spacing		Seed Rate	
	Ha	Acre	91 cm	36 "	Ha	Acre
500	53,484	21,645	21.70	8.50	5.35	2.16
550	56,281	20,706	20.60	8.10	5.12	2.07
600	59,386	20,028	19.50	7.70	4.95	2.00
650	61,949	19,285	18.70	7.40	4.77	1.93
700	64,744	18,715	17.90	7.00	4.62	1.87
750	67,273	18,150	17.20	6.80	4.48	1.82
800	70,008	17,707	16.60	6.50	4.38	1.77
850	71,758	17,082	16.10	6.40	4.22	1.71
900	73,598	16,547	15.70	6.20	4.09	1.65
950	76,203	16,231	15.20	6.00	4.01	1.62
1,000	78,999	15,985	14.70	5.80	3.95	1.60
1,050	80,476	15,509	14.40	5.70	3.83	1.55
1,110	82,009	15,086	14.10	5.60	3.73	1.51

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Nutrient	Phosphorous (P) or Potassium (K) Index (Kg/ha)			
	0	1	2	3
Phosphate (P2O5)	240	200	160	90
Potash (K2O)	330	300	270	135

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