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

Seed for ware profile

SERENITY

- High yields from good tuber numbers
- Uniform oval - long variety with bright smooth skins
- Excellent grade outs

Sector: Salad

Market: UK | Europe

Parentage: Allians x T4674/12

Cooking Type: A | B

SALAD

A very promising salad type with exceptional tuber numbers per plant. Very good potential for long term storage due to good dormancy. A consistently great tasting variety with excellent resistance to greening.

Disease & Pest Resistance

Foliage Blight	4
Tuber Blight	5
Common Scab	5
Blackleg	5
Powdery Scab	3
Silver Scurf	-
Black Dot	-
Slugs	-
Black Scurf	-
Stem Canker	-
PCN Ro1	9
PCN Pa2,3	1
Spraing (TRV)	-
Spraing (PMTV	-
Gangrene	5
Dry Rot	5
Leaf Roll	6
X-Virus	-
Y-Virus	7
Wart Disease	-

1 = Susceptible
9 = Resistant

Agronomic Characteristics

Maturity	Early Maincrop
Skin Colour	Yellow
Flesh Colour	Yellow
Tuber Shape	Oval - Long
Flower Colour	White
Eye Depth	Shallow
Uniformity	-
Tuber Numbers	8 (26)
Freedom from outgrades	-
Dry Matter %	18
Dormancy	8
Drought Resistance	-
Damage	5
Bruising	6
Other internal faults	-

9 = High | 1 = Low

Key Growing Guidelines Serenity Ware

- Field selection & seed bed preparations are important for shape uniformity
- Susceptible to Powdery Scab, land selection & management is important for managing Powdery Scab
- The variety produces very high tuber numbers allowing for reduced plant populations
- Metribuzin can be used pre-emergence only. If herbicide is applied when plants are emerging significant yellowing will occur
- Robust blight programme advised with Tuber Blight control towards the end of the season

Seed Spacing & Plant Populations

50kg Tuber Count	Density		Spacing		Seed Rate	
	Ha	Acre	91 cm	36 "	Ha	Acre
500	43,055	17,424	26.90	10.59	4.31	1.74
550	45,226	16,639	25.61	10.08	4.11	1.66
600	47,574	16,044	24.35	9.59	3.96	1.60
650	49,947	15,549	23.19	9.13	3.84	1.55
700	52,506	15,178	22.06	8.69	3.75	1.52
750	54,500	14,704	21.25	8.37	3.63	1.47
800	56,651	14,329	20.45	8.05	3.54	1.43
850	58,419	13,907	19.83	7.81	3.44	1.39
900	60,216	13,538	19.24	7.57	3.35	1.35
950	62,218	13,252	18.62	7.33	3.27	1.33
1,000	64,261	13,003	18.03	7.10	3.21	1.30
1,050	65,934	12,706	17.57	6.92	3.14	1.27
1,110	67,803	12,472	17.08	6.73	3.08	1.25

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 4	5 and 6
60 - 90 days	2	100 - 160	60 - 120	40 - 80

Nutrient	Phosphorous (P) or Potassium (K) Index (Kg/ha)			
	0	1	2	3
Phosphate (P2O5)	240	200	160	90
Potash (K2O)	360	330	300	150

IPM Potato Group Limited cannot be held liable for any loss or damage arising from the use of this information

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Parentage: Allians x T4674/12

Cooking Type: A | B

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