

varieties, competence & service

Allians



medium early premium quality salad potato

- high yield
- nice, long oval tuber shape
- pure deep yellow flesh colour
- excellent culinary quality

Allians is combining high marketable yield, very nice tubers, excellent culinary quality and very good storability, and therefore suits excellently for pre-packing

Variety characteristics			
Maturity	medium early	Tuber Tuber shape Eye depth Skin Flesh colour	long-oval shallow yellow, smooth deep yellow
Cooking Type (EAPR)	A		
Consumption quality	premium quality salad potato, excellent flavour, deep yellow flesh colour, no discolouration after cooking		
Yield	high marketable yield, medium sized tubers, uniform grading	Resistances PCN Potato Leafroll Virus Foliage blight Tuber blight Common scab	Ro 1, Ro 4 medium high high medium - low
Youth development	hesitant	Sensitivities Spraing Bruising Mechanical damage	low low low
Dormancy	high, excellent suitability for storing		
Growing recommendations			
Site requirements	medium to high demands to soil quality and water supply; soils with extreme pressure of common scab should be avoided		
Planting	planting density	approx. 46,000 plants/ha	
	planting depth	normal; at sites with high yield potential 2 cm deeper, if applicable; soil coverage should not exceed 17 cm	
	seed preparation	strong dormancy; application of temperature shock 3 - 4 days before planting necessary; sprout breaking must be avoided due to related specific susceptibility	
	seed dressing	preventive chemical control of Rhizoctonia solani should be applied, compatibility of particular active ingredients has to be checked	
	slightly sensitive to Metribuzin (Sencor®, etc.); especially post emergence application should be carried out only at suitable environmental conditions and/or with reduced dose rate, if applicable.		
Fertilization			
Nitrogen	high nitrogen efficiency; retarded N-supply (approx. less 15 - 25 % less than local standard), 120 - 140 kg/ha (incl. soil supplied N _{min} and organic fertilizer) usually give good response		
Phosphorus	100 kg/ha, (water soluble phosphate, before or at planting)		
Potassium	200 - 250 kg/ha; preferably applied as potassium sulphate		
Magnesium	60 kg/ha		