



ALEGRIA

Variety characteristics

GENERAL

Alegria is an early to medium early maincrop variety, with high yield and a good drought resistance. Alegria gives a strong medium tall plant with white flowers and a quick soil coverage. It's suited for the industry, fresh market and home fries for retail.

TUBER

Cooking type	B
Tuber shape	oval
Tuber size	medium till bold
Eye depth	shallow
Skin color	yellow
Flesh color	light yellow to yellow
Tuber count	medium
Sorting	uniform
Yield	high to very high
Internal defects	none
Internal bruising	little sensitive
UWW	+/- 365

RESISTANCES

PCN	Ro ₁ and Ro ₄ resistant
PVYn	very resistant
Leafroll	very resistant
Foliage blight	slightly susceptible
Foliage tuber	slightly susceptible
Black leg	slightly susceptible
Rhizoctonia	susceptible
Scab	slightly susceptible

TO REMEMBER

Alegria is an easy to grow variety, even in challenging growing conditions, with very good market opportunities. Very suitable for industry and fresh market. Alegria has a good dormancy and long storage qualities.

Cultivation advice

SOIL

Alegria can be grown on all types of soil. Pre-sprouting is highly recommended for a quick start. In terms of weed control we advise to use milder chemicals, but Alegria is not sensitive to a normal dosage of Metribuzine. Alegria is best planted on ground level, but not in a cold soil due to its sensitivity to Rhizoctonia. A double treatment from soil and seed potato is highly recommended with a chemical that also works against Fusarium (F.e. Emesto Silver®). A standard Blight and Alternaria treatment is also advised. On extremely dry soils and in the Mediterranean region, irrigation is recommended.

FERTILIZATION ADVICE AFTER SOIL ANALYSIS BEST PRACTICES

Nitrogen	160-180 kg/ha	2/3 at planting + 1/3 after tuber setting
Phosphate	80-100 kg/ha	granulate or liquid
Potassium	250-300 kg/ha	PatentKali recommended
Magnesium	50-70 kg/ha	Mangaan Magnesium recommended

Animal manure is not recommended due to the negative impact on the UWW!

PLANTING DISTANCE FOR ROWS OF 75 CM

28/35 (fresh)	28-30 cm	46.000 plants/ha	1150-1250 kg/ha
28/35 (fries)	30-32 cm	43.000 plants/ha	1100-1200 kg/ha
35/50 (fresh)	30-32 cm	43.000 plants/ha	2600-2800 kg/ha
35/50 (fries)	32-34 cm	40.500 plants/ha	2400-2600 kg/ha
35/55 (fries)	36-38 cm	36.000 plants/ha	2200-2400 kg/ha

HARVEST & STORAGE

Alegria is not very susceptible to bruising, but bear in mind to always harvest carefully. To prevent it's attractive but yet thin skin from harm, a good fully matured tuber is necessary. This is possible because the foliage will die naturally and in time. In terms of haulm killing, no problems are expected. Never harvest under too wet or too warm conditions and make sure to blow dry quickly and thoroughly. Alegria has a good storability in the short and medium long term at a stable temperature of max + 8°C.

