



DE NIJS

Nicola

Clivia x 6430/1011

General production advice ware potatoes



Firm cooking potato with a good flavour

High yield and many tubers

Long oval, yellow fleshed tubers

For Mediterranean and continental climates

Re-export from South Europe/North Africa

Variety characteristics

Maturity	5	late
Emergence	5,5	moderate
Foliage development	8	strong
Berries	0	none
Skin colour	3	yellow
Flesh colour	7	pale yellow
Tuber shape	10	long oval
Depth of eyes	7	shallow
Tuber uniformity	6,5	average
Size of tubers	7	large
Grading	6,5	average
Tuber count	15-20	high
Yield 90 days %	95	
Yield 120 days %	110	

Qualities of the variety

Dormancy	5,5	medium
UWW	370	
Dry matter %	20,19	
Starch %	14,30	
Cooking type	A - AB	firm-slightly firm
Discolouration	8	none
French Fries	-	does not apply
Crisps	-	does not apply

Use



Resistances / tolerances

Potato Nematodes	Ro1,2,3,4	ABCF
Wart disease	1/2,6	resistant/slightly susceptible
Little potato disorder	-	unknown
Sencorex sensitivity	6,5	quite sensitive
Foliage blight	5	susceptible
Tuber blight	5,5	susceptible
Alternaria	6	slightly susceptible
Erwinia	6	moderate sensitive
Secondary growth	6	moderate sensitive
Drought tolerance	8	little sensitive
Heat tolerance	7	little sensitive

Resistances / tolerances

Y-virus	6	susceptible
Yntn-virus	-	unknown
Spraing	5	susceptible
Mechanical damage	5	sensitive
Internal bruising	6-10	little sensitive
Fusarium	7	slightly susceptible
Silver scurf	6,5	slightly susceptible
Common scab	6	slightly susceptible
Powdery scab	5	susceptible



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Pre-treatment seed potatoes and the planting

- Nicola has got an average dormancy. Use of pre-sprouted seed potatoes gives the best results, if necessary give a heat shot. This results in a more similar developing crop and possible changes maturity to more early.
- Plant the seeds on ground level, in a warm soil, which results in a better developing crop.
- The variety can be grown on all soil types, excepted soils which are susceptible to spraing.
- Soil or tuber treatment against Rhizoctonia and wireworms is recommended.

Plant spacing

*On heavy soils use the smallest plant spacing.

Size of the seeds	28/35	35/50
Plant spacing	24-28 cm	30-33 cm

Fertilizing (including the soil supply)

- N ± 170 kg Including N-mineral (2/3 before planting, rest while tuberisation)
- P Normal According to soil analysis
- P ± 350 kg According to soil analysis. While tuberisation give some extra potassium as topdressing -> this will result in less internal bruising
- Mg, Mn, Ca, Bo Give these micro elements, if necessary, as a liquid fertilizer. They are stimulating the growth and have a positive effect on the quality.
- Organic manure can be used, be careful with quantities, this effects foliage growth and misshapes in tubers.

Cultivation

- Good ridges will result in a evenly growing crop.
- Fairly slow, even emergence with well-developing and covering leaves.
- Nicola tolerates Sencorex (Metribuzin), take care with the dose, to be safe use it pre-emergence.
- Use a tight schedule against late blight treatments, the variety is susceptible in foliage and tubers.
- It is advisable to check the crop regularly for aphids, if necessary you can combine a late blight treatment and the use of an insecticide.

Haulm killing, harvest and storage

- Kill the haulm when most potatoes are in size 40-65. Haulm topping and killing will give the best result.
- Make sure that there is enough time between haulm killing and harvest, look at the foliage maturity.
- Provide rapid drying to prevent storage diseases (if necessary use heaters). Take good care for curing!
- After curing and drying, slowly drop the temperature to 5-7°C. Prevent condensation in the top layer.
- When the crop is harvested when its good hardened, it can be stored at a temperature of 6°C. At this storage temperature a good processing quality can be maintained.
- Harden the skin for ± 6 weeks before processing the potatoes.
- Because of its dormancy, only use a gaseous grow stopper. The variety is sensitive to skin irritation.