



**DE NIJS**

# Inspyra

Beluga x Russet Burbank

A. de Jong / Fobek

## General production advice ware potatoes



Big tubers

Regular tuber shape

Strong against scab

Strong against spraing/internal rust spots

Good French Fries quality

### Variety characteristics

Maturity	7,5	early
Emergence	6,5	moderate
Foliage development	6,5	moderate
Berries	0	none
Skin colour	5	brown
Flesh colour	6	cream
Tuber shape	0lo	oval - long oval
Depth of eyes	7	shallow
Tuber uniformity	7	good
Size of tubers	8	large
Grading	6,5	average
Tuber count	8-11	low
Yield 90 days %	106	
Yield 120 days %	91	

### Qualities of the variety

Dormancy	7	long
UWW	385	
Dry matter %	20,93	
Starch %	15,02	
Cooking type	A - AB	firm-slightly firm
Discolouration	7	very light
Fries	8	good
Crisps	-	does not apply

### Use



### Resistances / tolerances

Potato Nematodes	Ro1, Ro4	AF
Wart disease	1	immune
Little potato disorder	-	unknown
Sencor sensitivity	-	unknown
Foliage blight	4	susceptible
Tuber blight	7,5	resistant
Alternaria	5	susceptible
Erwinia	7	slightly sensitive
Secondary growth	6	moderate sensitive
Drought tolerance	4,5	sensitive
Heat tolerance	5	sensitive

### Resistances / tolerances

Y-virus	7	slightly susceptible
Yntn-virus	-	unknown
Spraing	8	resistant
Mechanical damage	7	slightly sensitive
Internal bruising	6-10	little sensitive
Fusarium	7,5	slightly susceptible
Silver scurf	6,5	slightly susceptible
Common scab	7,5	resistant
Powdery scab	6,5	slightly susceptible

## General production advice ware potatoes

### Pre-treatment seed potatoes and the planting

- Inspyra has a rather long dormancy, the use of pre-sprouted seed potatoes produces the best results.
- Responds positively on Ethylene!\* (\* 1 year tested)
- Plant the seeds on ground level, don't plant the seeds into cold soil, with a good soil structure!
- The variety is strong against Rhizoctonia and silver scurf, if necessary; apply soil or tuber treatment.

### Plant spacing

\*On heavy soils use the smallest plant spacing.

Size of the seeds	28/35	35/55	55/65	55/65 cut seed
Plant spacing	24-27 cm	29-32 cm	34-37 cm	unknown

### Fertilizing (including the soil supply)

- N            ± 150 - 180 kg            Including N-mineral (2/3 before planting, if necessary use 1/3 as top dressing)
- P            Normal                        According to soil analysis
- P            Normal                        According to soil analysis, don't use Chlorine-containing Potassium, because it influences the UWW negatively
- 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.
- Be careful with the use of organic manure, this can affect the maturity of the crop.

### Cultivation

- Both emergences and foliage development are moderate.
- It is unknown if the variety is sensitive to Sencorex (Metribuzin)!
- The variety is sensitive for heat en drought, ensure a proper moist supply. If there is a proper moist supply at tuberisation; it produces some more tubers en it is less sensitive for growth cracks.
- Keep a tight schedule in blight treatment, because it is susceptible in the foliage.
- 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

- Needed a natural matured crop for a good UWW and to prevent mechanical damage, ±3 weeks hardened.
- The potatoes can be delivered directly from the lot.
- If not: Provide rapid drying (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.
- Be careful with the very big tubers, when you are supplying, these are more sensitive for damaging.
- The French Fries quality is good until autumn.