



DE NIJS

Red Valentine

Mondial x Amadeus

D. Boelstra & S. Tamminga / Fobek

General production advice ware potatoes



Beautiful red skinned potatoes

Big tubers

Appreciated potato for consumption use

Strong against drought

For Mediterranean and continental climates

Variety characteristics

Maturity	5,5	middle
Emergence	6	moderate
Foliage development	7	strong
Berries	1	few
Skin colour	7	red
Flesh colour	6	cream
Tuber shape	10	long oval
Depth of eyes	7,5	shallow
Tuber uniformity	7	good
Size of tubers	7,5	large
Grading	6	average
Tuber count	11-15	average
Yield 90 days %	105	
Yield 120 days %	112	

Qualities of the variety

Dormancy	7	long
UWW	361	
Dry matter %	19,75	
Starch %	13,87	
Cooking type	A - AB	firm-slightly firm
Discolouration	8	none
Fries	5	poor
Crisps	-	does not apply

Use



Resistances / tolerances

Potato Nematodes	Ro1,4,5	AFG
Wart disease	1	immune
Little potato disorder	-	unknown
Sencorex sensitivity	-	unknown
Foliage blight	5,5	slightly susceptible
Tuber blight	6,5	slightly susceptible
Alternaria	-	unknown
Erwinia	8	slightly sensitive
Secondary growth	8	little sensitive
Drought tolerance	8	little sensitive
Heat tolerance	7,5	little sensitive

Resistances / tolerances

Y-virus	5	very susceptible
Yntn-virus	-	unknown
Spraing	-	unknown
Mechanical damage	7,5	slightly sensitive
Internal bruising	11-15	quite sensitive
Fusarium	7	slightly susceptible
Silver scurf	5	susceptible
Common scab	5	susceptible
Powdery scab	5,5	slightly susceptible



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Pre-treatment seed potatoes and the planting

- Red Valentine has got a long dormancy, the use of pre-sprouted seed potatoes produces the best results.
- Plant the tubers on ground level, into sufficiently warm soil with a good structure!
- Soil or tuber treatment against *Rhizoctonia*, silver scurf and black dot is recommended.

Plant spacing

*On heavy soils use the smallest plant spacing.

	Spain		Portugal		
	28/35	35/55	35/45	35/45 (local market)	45/55 cut
Size of the seeds	28/35	35/55	35/45	35/45 (local market)	45/55 cut
Plant spacing	30-34 cm	34-38 cm	25-26 cm	28-30 cm	24-28 cm

Fertilizing (including the soil supply)

N	± 180 - 220 kg	Including N-mineral (2/3 before planting, if necessary 1/3 as top dressing)
P	Normal	According to soil analysis
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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.

Cultivation

- The variety is suited for Mediterranean and continental climates.
- The skin colour does not fade in the warm climate.
- The variety even emergence, has got a good foliage development and is very strong.
- It is unknown if the variety is sensitive to Sencorex (Metribuzin)!
- Use normal late blight treatments, the variety is slightly susceptible in the foliage and tuber.
- It is advisable to check the crop regularly for aphids, because the variety is susceptible for virus. If necessary you can combine a late blight treatment and the use of an insecticide.

Haulm killing, harvest and storage

- Make sure that there is enough time between haulm killing and harvest, look at the foliage maturity.
- The variety is quite sensitive to bruising, keep drop heights during harvesting and storing as small as possible.
- Harvesting and storing under cold conditions are increasing bruising.
- Provide rapid drying to prevent silvery scurf (if necessary use heaters). Take good care for curing!
- After curing and drying, slowly drop the temperature to 6°C. Prevent condensation in the top layer. is maintained.
- The variety can be stored for a long time at a temperature of 6°C.