

**NDSU Carrington Research Extension Center
2008 Variety Trial Data**

Organic Potato - Irrigated	Carrington
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Variety	Skin/flesh Color	Days to Emergence ¹	Days to Drydown ²	Tuber Weight ³ gram	Yield #1 cwt/ac	Yield B cwt/ac	----- Total Yield -----	
							2008 cwt/ac	3-yr. Avg. cwt/ac
All Blue	blue/blue	31.8	111.3	128.7	97.1	66.8	163.9	124.8
Butte	brown/white	28.0	110.5	227.3	222.8	29.6	252.4	--
Caribe	purple/white	32.0	101.0	281.4	285.0	7.7	292.7	--
Kennebec	white/white	30.5	112.3	280.2	273.3	7.4	280.7	214.1
Red Norland	red/white	26.8	97.3	183.1	211.0	14.5	225.5	167.4
Russian Banana ⁴	yellow/yellow	27.5	103.8	56.2	**	106.7	106.7	85.1
Yukon Gold	yellow/yellow	30.3	101.3	208.7	173.5	8.5	182.0	126.8
Mean		29.5	105.3	195.1	210.4	34.4	214.8	--
C.V.%		5.1	2.7	9.9	14.8	34.2	11.7	--
LSD .05		2.2	4.2	28.4	46.9	17.5	37.2	--

Planting Date = May 8; Harvest Date = September 9 ; Previous Crop = Cover Crop (oats, peas, lentils, turnips and rape)

¹ Days to emergence = days from planting to 75% plants emerged.

² Days to drydown = days from planting to 95% brown vines.

³ Tuber weight = weight in grams of average tuber

⁴ Russian Banana is a fingerling type potato therefore no yield is reported as #1

Trial received an additional 5" (mid July-early August) of irrigation above the 9.56" in season (May-August) rainfall