

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

Organic Potato - Dryland	Carrington
---------------------------------	-------------------

Variety	Skin/flesh Color	Days to Emergence ¹	Days to Drydown ²	CPB Larvae ³ 1-10	Tuber Weight ⁴ gram	Yield #1 cwt/ac	Yield B cwt/ac	----- Total Yield -----	
								2008 cwt/ac	2-yr. Avg. cwt/ac
All Blue	blue/blue	32.3	111.5	7.0	82.7	14.5	91.2	105.6	78.9
Butte	brown/white	28.5	111.3	2.8	169.9	150.7	40.3	190.9	--
Caribe	purple/white	32.5	100.8	2.8	200.0	154.9	8.2	163.1	--
Kennebec	white/white	32.8	105.5	2.5	245.9	169.4	6.8	176.2	147.1
Red Norland	red/white	28.0	94.5	6.3	156.5	130.8	9.6	140.4	100.8
Russian Banana ⁵	yellow/yellow	29.0	106.8	9.8	38.9	**	57.6	57.6	54.5
Yukon Gold	yellow/yellow	32.5	98.0	5.0	164.7	99.8	9.2	109.0	75.2
Mean		30.8	104.0	5.1	151.3	120.0	31.8	134.7	--
C.V.%		5.5	3.2	27.5	13.3	17.8	33.4	15.9	--
LSD .05		2.5	4.9	2.1	30.1	32.1	15.8	31.9	--

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 CPB score taken July 11 indicates level of larvae, 1 = lowest pressure while 10 = highest.

⁴ Tuber weight = weight in grams of average tuber

⁵ Russian Banana is a fingerling type potato therefore no yield is reported as #1

Trial recieved 9.56" in season (May-August) rainfall