

## Descriptions and availability of varieties for 2013 on-farm organic trials

### Notes:

1. Tubers are available as mini-tubers, single-drop tubers or one-cut tubers.
  - a. Mini-tubers are greenhouse-grown tubers from disease-free tissue culture plants. They are smaller than a field-grown tuber, but will produce normal sized tubers. However, minitubers should be planted more shallowly than regular seed pieces. The plants may be smaller initially, and may not compete well with weeds. Minitubers may not be suitable for farmers who use large-scale mechanical weeding operations. They do well under straw.
  - b. Our single-drop tubers were produced on certified organic land, from disease-free minitubers. These tubers are small enough that they need not be cut before planting.
  - c. Our one-cut tubers were produced on certified organic land, from disease-free minitubers. These tubers should be cut into two pieces before planting, and allowed to heal for at least 24 hours (preferably 48 hours).
2. Tuber availability is listed as the number of farms we can supply with enough tubers for a plot of 10 plants.
3. We have provided all the details that we could quickly gather from our own observations, Seed Savers Exchange yearbooks, or online searches – sometimes, that is not much. In many cases, these descriptions are from a single grower in a single year, so they may not be representative. If you have more information for any of these varieties, please share it with us, along with your source (personal observation, other farmers/gardeners, books or online sources). By participating in variety trials you will be helping to make these descriptions more detailed and useful.
4. “Check” varieties will be provided along with “trial” varieties, so that we can compare trial varieties between locations.
  - Mini-tuber check variety: Red La Soda
  - Single-drop and one-cut check variety: Red Norland
  - We may purchase certified seed for other varieties such as Satina (yellow), Langlade (white), French Fingerling (red fingerling), and Austrian Crescent (yellow fingerling) as checks for those market classes.

Market class	Variety	Flesh	Maturity	Details (gathered from Seed Savers Exchange Yearbooks and online)	Availability (# farms that can be supplied)		
					Mini-tubers	Single-drop	One-cut
Blue	Black Russian	Blue		Rare	11		
	Fenton Blue	Blue		Probable synonym for Congo; medium yield of oblong tubers, beautiful color		4	8
	Purple Valley	Blue		High yields; Korean variety		39	8
	Scotia Blue	Blue-white		SSE clone is distinct from Nova Scotia Blue	3	8	11
Fingerling (blue)	Blue Tom Cat	Blue		Vigorous, large fingerling	2		
Fingerling (red)	Nosebag	Yellow		May be synonym for French Fingerling, fingerling, medium yield of small to medium tubers	6	9	5
	Papa Cacho	Pink	late	Very long, horn shaped tubers; very productive; Peruvian variety; stolons often do not detach	19	4	2
Fingerling (yellow)	Epicure (Red) Banana	Yellow		Medium fingerling	19	3	
	Peanut	Yellow	late	Medium-small fingerling, oval and tear-drop shaped tubers, good storage	3	9	1
	Corne de Mouton	White		Good yielder in 1995 despite severe drought (Maine); synonym for La Ratte?	18		
Red	Candy Stripe	Yellow-red		Possible synonym for Candy Cane; red and white striped flesh	13		
	Red Gold	Yellow	early-med	Round tubers, medium yields	15		
	Woudster	Yellow	med-late	High yields of large tubers		6	1

Market class	Variety	Flesh	Maturity	Details (gathered from Seed Savers Exchange Yearbooks and online)	Availability (# farms that can be supplied)		
					Mini-tubers	Single-drop	One-cut
White	Abnaki	White	Med-late	High yields, smooth, R to PVX, PLRV, Verticillium		2	2
	Australian Crawlers	White		Vigorous vines		20	9
	Campbell	White		Round white		3	2
	Early Bangor	White		Round white		10	6
	Early Epicure	White		Blocky tubers, pretty, rare	4	12	13
	Houma	White		Round-oval tubers, good flavor	8		
	Niska	White	Med-late	Medium yield, oval, drought tolerant, resistance to scab, susceptible to late blight, stores well		3	5
	Omega	White		Round white		15	1
Yellow	Aylesbury Gold	Yellow				6	1
	Charlotte	Yellow				13	2
	Dore	White	Early	Moderate yield of tiny to medium tubers		15	3
	Gold Coin	Yellow		Medium-large oblong tubers		4	2
	Gui Valley	Yellow		Korean origin; some scab resistance, attractive tubers		10	2
	Sweet Yellow Dumpling	Yellow				14	1
	Yellow Rose	Yellow				19	9