

# of Trays	40												
Labor		Soil		Seed		Plastic Trays							
\$/hr	15	\$/yd	180	\$/lb	40	\$/Tray	0.5						
Labor Hours	6	trays/yd	240	lbs/tray	0.007	Uses/Tray	10	Fixed Cost/Tray					
	\$2.25		\$0.02		\$0.01		\$0.05	\$2.33					

Electricity Costs From Heating Pads	
\$/kwh	0.14 Price of electricity in Cortland, could vary significantly up or down based on location
kwh/day	12 13 Amp Draw @ 120VAC for 8 hrs a day

Indicates months where electric heating pads were used heavily													
Days To Harvest	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Red Russian	35	15	14	13	14	14	14	14	14	17	16	27	34
Kohlrabi	34	15	21	20	15	11	14	14	17	16	23	34	
Scarlett Frills	28	15	14	13	14	14	14	14	17	16			
Mizuna	35	15	14	13	14	14	14	14	17	16	27	34	
Red Cabbage		15	14	13	14	14	14	14	17				
Garnet Giant	28	15	14	13	14	14	14	14	17	16	17	0	
Tatsoi		15	14	13	14	14	14	14	17	21	23		
Southern Giant		15	14	13	14	14	14	14	17	16			
Amaranth		15	14	13	14	14	14	14	17	16	21		
Average	32.00	15.00	14.78	13.78	14.11	13.67	14.00	14.00	17.00	16.63	23.00	25.50	

12 kwh/day*days to harvest*\$0.14/40 Trays				
Electricity Cost/tray	Jan	Feb	Nov	Dec
Red Russian	\$1.47	\$0.63	\$1.13	\$1.43
Kohlrabi	\$1.43	\$0.63	\$0.97	\$1.43
Scarlett Frills	\$1.18	\$0.63		
Mizuna	\$1.47	\$0.63	\$1.13	\$1.43
Red Cabbage		\$0.63		
Garnet Giant	\$1.18	\$0.63	\$0.71	
Tatsoi		\$0.63	\$0.97	
Southern Giant		\$0.63		
Amaranth		\$0.63	\$0.88	

Max Yields (lbs)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Red Russian	0.26	0.44	0.35	0.45	0.28	0.19	0.55	0.23	0.42	0.24	0.38	0.28	
Kohlrabi	0.26	0.48	0.34	0.37	0.38	0.24	0.57	0.36	0.43	0.33	0.33	0.48	
Scarlett Frills	0.24	0.59	0.46	0.57	0.31	0.36	0.56	0.42	0.26	0	0	0	
Mizuna	0.17	0.59	0.63	0.84	0.42	0.38	0.83	0.6	0.59	0.35	0.48	0.69	
Red Cabbage		0.39	0.44	0.41	0.21	0.22	0.35	0.44	0.46				
Garnet Giant	0.06	0.24	0.47	0.63	0.38	0.42	0.57	0.45	0.38	0.22	0.25	0	
Tatsoi	0.12	0.42				0.38	0.43	0.26	0.19	0.16			
Southern Giant		0.38	0.39	0.68	0.25	0.38	0.39	0.68	0.25				
Amaranth		0.08	0.27	0.27	0.18	0.27	0.26	0.19	0.29	0.06	0.14		
Average	0.19	0.40	0.42	0.53	0.30	0.32	0.50	0.40	0.36	0.19	0.26	0.29	

Sale Price \$/lb	28	Yield*Sale Price-Electricity-Fixed Cost											
Profit/Tray	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Red Russian	\$3.48	\$9.36	\$7.47	\$10.27	\$5.51	\$2.99	\$13.07	\$4.11	\$9.43	\$4.39	\$7.18	\$4.08	
Kohlrabi	\$3.52	\$10.48	\$7.19	\$8.03	\$8.31	\$4.39	\$13.63	\$7.75	\$9.71	\$6.91	\$5.94	\$9.68	
Scarlett Frills	\$3.21	\$13.56	\$10.55	\$13.63	\$6.35	\$7.75	\$13.35	\$9.43	\$4.95				
Mizuna	\$0.96	\$13.56	\$15.31	\$21.19	\$9.43	\$8.31	\$20.91	\$14.47	\$14.19	\$7.47	\$9.98	\$15.56	
Red Cabbage		\$7.96	\$9.99	\$9.15	\$3.55	\$3.83	\$7.47	\$9.99	\$10.55				
Garnet Giant	-\$1.83	\$3.76	\$10.83	\$15.31	\$8.31	\$9.43	\$13.63	\$10.27	\$8.31	\$3.83	\$3.96		
Tatsoi	\$1.03	\$8.80				\$8.31	\$9.71	\$4.95	\$2.99	\$2.15			
Southern Giant		\$7.68	\$8.59	\$16.71	\$4.67	\$8.31	\$8.59	\$16.71	\$4.67				
Amaranth		-\$0.72	\$5.23	\$5.23	\$2.71	\$5.23	\$4.95	\$2.99	\$5.79	-\$0.65	\$0.71		

Profit figures assuming only 75% of micros harvested are successfully sold and marketed. Some portion will spoil or some will be leftover after market

Profit/Tray 75% Yield	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Red Russian	\$1.66	\$6.28	\$5.02	\$7.12	\$3.55	\$1.66	\$9.22	\$2.50	\$6.49	\$2.71	\$7.18	\$4.08
Kohlrabi	\$1.70	\$7.12	\$4.81	\$5.44	\$5.65	\$2.71	\$9.64	\$5.23	\$6.70	\$4.60	\$5.94	\$9.68
Scarlett Frills	\$1.53	\$9.43	\$7.33	\$9.64	\$4.18	\$5.23	\$9.43	\$6.49	\$3.13			
Mizuna	-\$0.23	\$9.43	\$10.90	\$15.31	\$6.49	\$5.65	\$15.10	\$10.27	\$10.06	\$5.02	\$9.98	\$15.56
Red Cabbage		\$5.23	\$6.91	\$6.28	\$2.08	\$2.29	\$5.02	\$6.91	\$7.33			
Garnet Giant	-\$2.25	\$2.08	\$7.54	\$10.90	\$5.65	\$6.49	\$9.64	\$7.12	\$5.65	\$2.29	\$3.96	
Tatsoi	\$0.19	\$5.86				\$5.65	\$6.70	\$3.13	\$1.66	\$1.03	-\$3.30	
Southern Giant		\$5.02	\$5.86	\$11.95	\$2.92	\$5.65	\$5.86	\$11.95	\$2.92			
Amaranth		-\$1.28	\$3.34	\$3.34	\$1.45	\$3.34	\$3.13	\$1.66	\$3.76	-\$1.07	\$0.71	

Clamshell Cost	\$0.10	
Clamshell Weight (lbs)	0.09	1.5oz
Packing Cost/lb	\$1.06	

Final profit calculation. Packaging is a significant cost, as well accounts for crop losses and unsold goods.

Profit/Tray 75% Yield including retail packaging costs	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Red Russian	\$1.45	\$5.93	\$4.74	\$6.76	\$3.33	\$1.51	\$8.78	\$2.32	\$6.16	\$2.52	\$5.35	\$3.33
Kohlrabi	\$1.50	\$6.74	\$4.54	\$5.15	\$5.35	\$2.52	\$9.19	\$4.94	\$6.36	\$4.34	\$4.34	\$7.37
Scarlett Frills	\$1.34	\$8.96	\$6.96	\$9.19	\$3.93	\$4.94	\$8.98	\$6.16	\$2.92			
Mizuna	-\$0.37	\$8.96	\$10.40	\$14.64	\$6.16	\$5.35	\$14.44	\$9.79	\$9.59	\$4.74	\$7.37	\$11.61
Red Cabbage		\$4.92	\$6.56	\$5.95	\$1.91	\$2.12	\$4.74	\$6.56	\$6.96			
Garnet Giant	-\$2.29	\$1.89	\$7.17	\$10.40	\$5.35	\$6.16	\$9.19	\$6.76	\$5.35	\$2.12	\$2.72	
Tatsoi	\$0.09	\$5.53				\$5.35	\$6.36	\$2.92	\$1.51	\$0.90		
Southern Giant		\$4.72	\$5.55	\$11.41	\$2.72	\$5.35	\$5.55	\$11.41	\$2.72			
Amaranth		-\$1.34	\$3.13	\$3.13	\$1.31	\$3.13	\$2.92	\$1.51	\$3.53	-\$1.12	\$0.50	
Average/Tray	\$0.29	\$5.14	\$6.13	\$8.33	\$3.76	\$4.05	\$7.79	\$5.82	\$5.01	\$2.25	\$4.05	\$7.44

Summary	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Ave G.House Temp F	45	45	60	62	65	72	75	75	70	63	57	49
Ave Max Yield/Tray (lbs)	0.19	0.40	0.42	0.53	0.30	0.32	0.50	0.40	0.36	0.19	0.26	0.29
Ave Days To Harvest	32.00	15.00	14.78	13.78	14.11	13.67	14.00	14.00	17.00	16.63	23.00	25.50
Ave Profit/Tray	\$0.29	\$5.14	\$6.13	\$8.33	\$3.76	\$4.05	\$7.79	\$5.82	\$5.01	\$2.25	\$4.05	\$7.44
Profit/40 Trays	\$11.52	\$205.78	\$245.23	\$333.13	\$150.27	\$161.83	\$311.80	\$232.77	\$200.45	\$89.99	\$162.19	\$297.43