

RASPBERRY  
 DEC 9  
 A-LAND

ENTERPRISE  
 RASPBERRIES "PRIMOCANE"  
 PYO

ACRES 1

EXPECTED INCOME\*\*

QUANTITY/ PTS/YR	PRICE/PT		
	\$1.00	\$1.50	\$2.00
4000	\$4,000	\$6,000	\$8,000
5000	\$5,000	\$7,500	\$10,000
6000	\$6,000	\$9,000	\$12,000

MANAGEMENT INFORMATION

Expected yield: Yr. 1: 1,360 pts/A; Yr. 2: 2,723 pts/A; Yrs. 3 -7: 6,000 pts./A; Yr. 8: 5,000 pts/A. Limited fruiting year of planting. Expected life of planting: 8 years. Soil test preplant. Bed rows 6" - 8" high for root rot control. Preplant 600 lbs. 10-20-20 worked into soil. Fertilizer after Yr. 2; 30 #s of N annually. Herbicide: Yr. 2. Alternate with Surflan and Devrinol. Use Poast for grass control. Insecticide: Sevin 4 times at 2 lb/ac. Late dormant spray crown borer - Diazinon 50 WP.4 lb/ac. in 100 gal. of water. Plants: 2,730/ac. (8' x 2') @ \$0.84/plt. Replant Yr. 2 in missing spaces. Temporary harvest trellis is optional to support weight of fruit. If used, remove post after harvest and store. See note below on T Post Trellis. PYO (bearing mid-August until frost). Bramble fruits should be picked in 1-pint containers. Use master carrier in patch. Late-winter cane pruning can be accomplished with rotary mower, USED CAREFULLY. Irrigation system is a standard drip irrigation. Bury drip line 2" centered in bed; set plants 3" from drip line. First-acre irrigation material cost: \$1,604. Annual irrigation cost: \$379. With good weather and management, one will break even in Yr. 4.

INPUTS

YEARS	1	2	3	4 thru 7	8	PRICE	TOTAL
Berry Plants:	2723	0	0	0	0	\$0.84 /cane	\$2,287
Autumn Bliss							
Polana							
Caroline							
Anne Golden Berry (Trial Only)							
Prepare Site - Lime	2	0	0	0	0	\$20.00/TON	\$40
Insecticide:							
Diazinon 500AG	0	4	4	4	4	\$39.95/GAL	\$1,119
Sevin 80W (4)	0	8	8	8	8	\$5.00/LB	\$280
Herbicide:							\$0
Surflan 75WP	1.2	1.2	1.2	1.2	1.2	\$13.0/LB	\$125
Devrinol 50W	4	4	4	4	4	\$8.53/LB	\$273
Irrigation: (\$/yr.)	\$379	\$379	\$379	\$379	\$379	1.00/AC	\$3,032
Fertilizer: N	60	30	30	30	30	\$0.31/LB	\$56
P	120	0	0	0	0	\$0.29/LB	\$35
K	120	0	0	0	0	\$0.17/LB	\$20
Containers (1 Pint)	2723	5000	6000	6000	5000	\$0.08 EA	\$3,498
Labor:							\$0
Planting	40	0	0	0	0	\$7.00/HR	\$280
Trellis		80	8	8	8	\$7.00/HR	\$896
Spraying	15	15	15	15	15	\$7.00/HR	\$840
Pruning	0	6	6	6	6	\$7.00/HR	\$294
Manage PYO Harvest	65	120	120	120	108	\$7.00 /HR	\$6,335
Yearly Costs	\$3,888	\$2,585	\$2,161	\$2,161	\$2,161	\$2,105	\$2,105
Accumulated Int. @ 8%	\$311	\$543	(\$444)	\$86	\$86	\$84	\$84
Accumulated Costs	\$4,199	\$7,326	\$9,043	\$11,290	\$13,537	\$15,726	\$17,915
						\$19,933	\$19,933
						Costs Per Pint Year #4	\$0.25 /pint.
Returns ( \$1.50 pint)	\$4,085	\$7,500	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
Acc. Net Returns	(\$114)	\$4,259	\$11,542	\$18,295	\$25,048	\$31,859	\$38,670
						\$45,651	\$45,651
						Average Net Return Per Year	\$5,706
						Net Return	\$45,651

## OPTIONAL

\* T Post Trellis: Rip 2" x 4" x 8' to make 2"x 2" post. T posts have 4' post, 2' arm with eye bolts in ends of arms. Sink 1-ft. section of 3-in. PVC in row centers. At beginning of fruit set, place T post in pipe. String twine through eye bolts. Following harvest; remove T post and store. Place cap on PVC pipe to keep from filling with soil. 290 T post needed.

We thank Penn State University researchers Barbara Goulart and Kathy Demchak for yield data based on their 4 years of harvest of these varieties.

PYO RASPBERRY (continued)

Yearly Costs	1	2	3	4	5	6	7	8	TOTAL
Plants	2287	0	0	0	0	0	0	0	2287
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Lime	40	0	0	0	0	0	0	0	40
T Post Trellis	0	0	0	0	0	0	0	0	0
Diazinon	0	160	160	160	160	160	160	160	1119
Sevin	0	40	40	40	40	40	40	40	280
	0	0	0	0	0	0	0	0	0
Surflan	16	16	16	16	16	16	16	16	125
Devrinol	34	34	34	34	34	34	34	34	272
Irrigation	379	379	379	379	379	379	379	379	3032
	0	0	0	0	0	0	0	0	0
N	19	9	9	9	9	9	9	9	84
P	35	0	0	0	0	0	0	0	9779
K	20	0	0	0	0	0	0	0	20
Containers	218	400	480	480	480	480	480	400	3418
Labor	0	0	0	0	0	0	0	0	0
Planting	280	0	0	0	0	0	0	0	280
Trellis	0	560	56	56	56	0	0	0	728
Spraying	105	105	105	105	105	105	105	105	840
Pruning	0	42	42	42	42	42	42	42	294
Harvest	455	840	840	840	840	840	840	756	6251
Operating Cost	3888	2585	2161	2161	2161	2105	2105	1941	19105
Accum. Int.	\$311	\$543	(\$444)	\$86	\$86	\$84	\$84	\$78	\$829
Accum. Cost	\$4,199	\$7,326	\$9,043	\$11,290	\$13,537	\$15,726	\$17,915	\$19,933	\$0
Returns	\$2,723	\$5,000	\$6,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$58,723
Net Returns	(\$6,922)	(\$5,049)	(\$766)	\$5,987	\$12,740	\$19,551	\$26,362	\$33,344	\$38,790