

Appendix 8 – The economics of cranberry production

The economics of production of different sized farms are kept under close scrutiny. Production is often forecast and mechanisms are in place to support this (McGrath, 2024). This appendix includes a number of tables indicating the economics of cranberry production for reference. References are detailed in the main report.

Table 6: Breakeven Analysis Per Acre

Financing	Farm Size	Price/Barrel \$40	Price/Barrel \$60	Price/Barrel \$80
No	Large Farm	> 25 years	16 years	11 years
	Small Farm	> 25 years	18 years	12 years
Yes	Large Farm	Never	> 25 years	19 years
	Small Farm	Never	> 25 years	25 years

Source: Jones, no date.

This table reflects the costs associated with cranberry production.

Appendix Chart 1: Large Farm (less than 15 acres)

[illegible]

Table 22: Costs and Returns for Cranberries, Per Acre (Brumfield, 2024)

This table details the breakdown of costs for a 20-40 Acre Operation, Bog Preparation and Vine Planting, Conventional Production Practices, Northeastern United States, 1996.

Item	Unit	Price \$	Quantity	Total \$
Receipts				
Cranberries	bbls		0	\$-
Variable costs				
Fertilizer				
N	lb	1.2	35	42
P	lb	1.2	60	30
K	lb	1.2	90	48.6
Bog Preparation				
Land clearing	per acre	3400	1	3400
ADS underdrains	ft	0.5	1450	725
Aerial applications	per appl	13	5	65
Vapam	gal	4.25	70	297
Labour				
Operator	hours	14.48	9	130.32
Regular Hired	hours	10.13	4	40.52
Seasonal Hired (planting cuttings)	hours	7.24	120	868.8
Seasonal Hired (weeding new vines)	hours	7.24	15	108
Plants				
Rooted cuttings	each	0.05	45	2250
Fuel and oil				
Fuel and oil	acre	46	46	
Repair and maintenance				
Machinery and equipment	acre	50	1	50
Supplies	acre	32	1	32
Irrigation				
Irrigation installation	acre	2000	1	2000
Operating costs	acre	200	1	200
Miscellaneous				
Utilities	acre	50	1	50
Sub total				10,384.34
Interest on operating capital	acre	10%	1	519.22
Total variable cost	acre		1	10,903.56
Returns above variable costs	acre		1	10,903.56
Fixed costs				
Equipment	acre	200	1	200.00
Buildings	acre	100	1	100.00
Bog land rent	acre	250	1	250.00
Total fixed costs	acre		1	550.00
Total fixed and variable costs	acre		1	11,453.56
Management fees	acre	7%	1	794.75
Total costs	acre		1	12,248.31
Net returns	acre		1	12,248.31