Georgia

Air Drying Labor and Supplies Assumptions	
Flip Up Rate (cages/hour)	125
Rate of pay for in-water flipper ($/hour)	$15
Rate of pay for flipper asst (keep up in boat) ($/hour)	$12
Flip Back Rate (cages/hour)	250
Hours Needed to Flip Up	4
Hours Needed to Flip Back	2
Labor Cost for one complete flip trip	$162
Fuel Cost for one complete flip trip	$29
Depreciated Supplies Cost	$5.77
Cost of One Complete Flip Trip	**$196.57**

Farm Size and Husbandry Assumptions	
Farm Size (number of cages)	500
Number of bags per cage	6
Mortality when flipped weekly	0.128
Mortality when flipped every other week	0.075
Mortality when flipped every three weeks	0.17
Proportion of oysters not market ready size	0.1
Harvest Size (shell height in millimeters)	76
Stocking density (oysters/bag)	150
Time to Remove Fouling from One Oyster (seconds)	5
Labor Rate for Cleaning Oysters (hourly)	$8.00

Seed, Supplies, & Equipment Assumptions	
Seed Cost, 35mm seed (per 1000)	$30
Number of Seed Planted	450,000
New cost of cage including bags and rigging (per cage)	$360
Gear depreciation (years)	7
Fuel Cost, including oil ($/gallon)	$2.40
Fuel Needed per Complete Flip Trip (gallons)	12
Wetsuit, Boots, Gloves, Slate (annual cost)	$300.00

Sale Price (price per oyster)	
Minimum	$0.85
Maximum	$0.95

THIS SECTION WILL CALCULATE AUTOMATICALLY BASED ON YOUR ASSUMPTIONS

	Flipping Frequency		
	Weekly	Every Other Week	Every Three Weeks
Grow Out Time Needed (weeks)	44	40	36
Flip Trips Needed	44	20	12
Number of oysters stocked	450,000	450,000	450,000
Number of oysters after mortality	392,400	416,250	373,500
Number of market size oysters	353,160	374,625	336,150
Minimum Gross Profit	$300,186	$318,431	$285,728
Maximum Gross Profit	$335,502	$355,894	$319,343
Cost of Air Drying for Biofouling Control	$8,649	$3,931	$2,359
Seed Cost	$13,500	$13,500	$13,500
Depreciated Gear Cost	$25,714	$25,714	$25,714
Fouling Removal	$3,924	$4,163	$3,735
Total Expense	$51,787	$47,308	$45,308
Net Profit			
Minimum	$248,399	$271,123	$240,419
Maximum	$283,715	$308,586	$274,034

South Carolina

Air Drying Labor and Supplies Assumptions	
Flip Up Rate (cages/hour)	125
Rate of pay for in-water flipper ($/hour)	$15
Rate of pay for flipper asst (keep up in boat) ($/hour)	$12
Flip Back Rate (cages/hour)	250
Hours Needed to Flip Up	4
Hours Needed to Flip Back	2
Labor Cost for one complete flip trip	$162
Fuel Cost for one complete flip trip	$14
Depreciated Supplies Cost	$5.77
Cost of One Complete Flip Trip	**$182.17**

Farm Size and Husbandry Assumptions	
Farm Size (number of cages)	500
Number of bags per cage	6
Mortality when flipped weekly	0.015
Mortality when flipped every other week	0.0179
Mortality when flipped every three weeks	0.0171
Proportion of oysters not market ready size	0.1
Harvest Size (shell height in millimeters)	76
Stocking density (oysters/bag)	150
Time to Remove Fouling from One Oyster (seconds)	5
Labor Rate for Cleaning Oysters (hourly)	$8.00

Seed, Supplies, & Equipment Assumptions	
Seed Cost, 35mm seed (per 1000)	$30
Number of Seed Planted	450,000
New cost of cage including bags and rigging (per cage)	$360
Gear depreciation (years)	7
Fuel Cost, including oil ($/gallon)	$2.40
Fuel Needed per Complete Flip Trip (gallons)	6
Wetsuit, Boots, Gloves, Slate (annual cost)	$300.00

Sale Price (price per oyster)	
Minimum	$0.85
Maximum	$0.95

THIS SECTION WILL CALCULATE AUTOMATICALLY BASED ON YOUR ASSUMPTIONS

	Flipping Frequency		
	Weekly	Every Other Week	Every Three Weeks
Grow Out Time Needed (weeks)	36	32	28
Flip Trips Needed	36	16	9
Number of oysters stocked	450,000	450,000	450,000
Number of oysters after mortality	443,250	441,945	442,305
Number of market size oysters	398,925	397,751	398,075
Minimum Gross Profit	$339,086	$338,088	$338,363
Maximum Gross Profit	$378,979	$377,863	$378,171
Cost of Air Drying for Biofouling Control	$6,558	$2,915	$1,700
Seed Cost	$13,500	$13,500	$13,500
Depreciated Gear Cost	$25,714	$25,714	$25,714
Fouling Removal	n/a	n/a	n/a
Total Expense	$45,772	$42,129	$40,915
Net Profit			
Minimum	$293,314	$295,959	$297,449
Maximum	$333,206	$335,734	$337,256

North Carolina

Air Drying Labor and Supplies Assumptions	
Flip Up Rate (cages/hour)	125
Rate of pay for in-water flipper ($/hour)	$15
Rate of pay for flipper asst (keep up in boat) ($/hour)	$12
Flip Back Rate (cages/hour)	250
Hours Needed to Flip Up	4
Hours Needed to Flip Back	2
Labor Cost for one complete flip trip	$162
Fuel Cost for one complete flip trip	$14
Depreciated Supplies Cost	$5.77
Cost of One Complete Flip Trip	**$182.17**

Farm Size and Husbandry Assumptions	
Farm Size (number of cages)	500
Number of bags per cage	6
Mortality when flipped weekly	0.0008
Mortality when flipped every other week	0.0008
Mortality when flipped every three weeks	0.0004
Proportion of oysters not market ready size	0.1
Harvest Size (shell height in millimeters)	76
Stocking density (oysters/bag)	150
Time to Remove Fouling from One Oyster (seconds)	5
Labor Rate for Cleaning Oysters (hourly)	$8.00

Seed, Supplies, & Equipment Assumptions	
Seed Cost, 35mm seed (per 1000)	$30
Number of Seed Planted	450,000
New cost of cage including bags and rigging (per cage)	$360
Gear depreciation (years)	7
Fuel Cost, including oil ($/gallon)	$2.40
Fuel Needed per Complete Flip Trip (gallons)	6
Wetsuit, Boots, Gloves, Slate (annual cost)	$300.00

Sale Price (price per oyster)	
Minimum	$0.85
Maximum	$0.95

THIS SECTION WILL CALCULATE AUTOMATICALLY BASED ON YOUR ASSUMPTIONS

	Flipping Frequency		
	Weekly	Every Other Week	Every Three Weeks
Grow Out Time Needed (weeks)	38	34	30
Flip Trips Needed	38	17	10
Number of oysters stocked	450,000	450,000	450,000
Number of oysters after mortality	449,640	449,640	449,820
Number of market size oysters	404,676	404,676	404,838
Minimum Gross Profit	$343,975	$343,975	$344,112
Maximum Gross Profit	$384,442	$384,442	$384,596
Cost of Air Drying for Biofouling Control	$6,922	$3,097	$1,822
Seed Cost	$13,500	$13,500	$13,500
Depreciated Gear Cost	$25,714	$25,714	$25,714
Fouling Removal	n/a	n/a	n/a
Total Expense	$46,137	$42,311	$41,036
Net Profit			
Minimum	$297,838	$301,663	$303,076
Maximum	$338,305	$342,131	$343,560

Florida

Air Drying Labor and Supplies Assumptions	
Flip Up Rate (cages/hour)	125
Rate of pay for in-water flipper ($/hour)	$15
Rate of pay for flipper asst (keep up in boat) ($/hour)	$12
Flip Back Rate (cages/hour)	250
Hours Needed to Flip Up	4
Hours Needed to Flip Back	2
Labor Cost for one complete flip trip	$162
Fuel Cost for one complete flip trip	$14
Depreciated Supplies Cost	$5.77
Cost of One Complete Flip Trip	**$182.17**

Farm Size and Husbandry Assumptions	
Farm Size (number of cages)	500
Number of bags per cage	6
Mortality when flipped weekly	0.11
Mortality when flipped every other week	0.13
Mortality when flipped every three weeks	0.1
Proportion of oysters not market ready size	0.1
Harvest Size (shell height in millimeters)	76
Stocking density (oysters/bag)	150
Time to Remove Fouling from One Oyster (seconds)	5
Labor Rate for Cleaning Oysters (hourly)	$8.00

Seed, Supplies, & Equipment Assumptions	
Seed Cost, 35mm seed (per 1000)	$30
Number of Seed Planted	450,000
New cost of cage including bags and rigging (per cage)	$360
Gear depreciation (years)	7
Fuel Cost, including oil ($/gallon)	$2.40
Fuel Needed per Complete Flip Trip (gallons)	6
Wetsuit, Boots, Gloves, Slate (annual cost)	$300.00

Sale Price (price per oyster)	
Minimum	$0.85
Maximum	$0.95

THIS SECTION WILL CALCULATE AUTOMATICALLY BASED ON YOUR ASSUMPTIONS

	Flipping Frequency		
	Weekly	Every Other Week	Every Three Weeks
Grow Out Time Needed (weeks)	30	24	24
Flip Trips Needed	30	12	8
Number of oysters stocked	450,000	450,000	450,000
Number of oysters after mortality	400,500	391,500	405,000
Number of market size oysters	360,450	352,350	364,500
Minimum Gross Profit	$306,383	$299,498	$309,825
Maximum Gross Profit	$342,428	$334,733	$346,275
Cost of Air Drying for Biofouling Control	$5,465	$2,186	$1,457
Seed Cost	$13,500	$13,500	$13,500
Depreciated Gear Cost	$25,714	$25,714	$25,714
Fouling Removal	$4,005	$7,830	$8,100
Total Expense	$48,684	$41,400	$40,672
Net Profit			
Minimum	$257,698	$258,097	$269,153
Maximum	$293,743	$293,332	$305,603

Alabama

Air Drying Labor and Supplies Assumptions	
Flip Up Rate (cages/hour)	125
Rate of pay for in-water flipper ($/hour)	$15
Rate of pay for flipper asst (keep up in boat) ($/hour)	$12
Flip Back Rate (cages/hour)	250
Hours Needed to Flip Up	4
Hours Needed to Flip Back	2
Labor Cost for one complete flip trip	$162
Fuel Cost for one complete flip trip	$14
Depreciated Supplies Cost	$5.77
Cost of One Complete Flip Trip	**$182.17**

Farm Size and Husbandry Assumptions	
Farm Size (number of cages)	500
Number of bags per cage	6
Mortality when flipped weekly	0.28
Mortality when flipped every other week	0.39
Mortality when flipped every three weeks	0.21
Proportion of oysters not market ready size	0.1
Harvest Size (shell height in millimeters)	76
Stocking density (oysters/bag)	150
Time to Remove Fouling from One Oyster (seconds)	5
Labor Rate for Cleaning Oysters (hourly)	$8.00

Seed, Supplies, & Equipment Assumptions	
Seed Cost, 35mm seed (per 1000)	$30
Number of Seed Planted	450,000
New cost of cage including bags and rigging (per cage)	$360
Gear depreciation (years)	7
Fuel Cost, including oil ($/gallon)	$2.40
Fuel Needed per Complete Flip Trip (gallons)	6
Wetsuit, Boots, Gloves, Slate (annual cost)	$300.00

Sale Price (price per oyster)	
Minimum	$0.85
Maximum	$0.95

THIS SECTION WILL CALCULATE AUTOMATICALLY BASED ON YOUR ASSUMPTIONS

	Flipping Frequency		
	Weekly	Every Other Week	Every Three Weeks
Grow Out Time Needed (weeks)	38	32	32
Flip Trips Needed	38	16	11
Number of oysters stocked	450,000	450,000	450,000
Number of oysters after mortality	324,000	274,500	355,500
Number of market size oysters	291,600	247,050	319,950
Minimum Gross Profit	$247,860	$209,993	$271,958
Maximum Gross Profit	$277,020	$234,698	$303,953
Cost of Air Drying for Biofouling Control	$6,922	$2,915	$1,943
Seed Cost	$13,500	$13,500	$13,500
Depreciated Gear Cost	$25,714	$25,714	$25,714
Fouling Removal	n/a	n/a	$3,555
Total Expense	$46,137	$42,129	$44,712
Net Profit			
Minimum	$201,723	$167,864	$227,245
Maximum	$230,883	$192,569	$259,240

Mississippi

Air Drying Labor and Supplies Assumptions	
Flip Up Rate (cages/hour)	125
Rate of pay for in-water flipper ($/hour)	$15
Rate of pay for flipper asst (keep up in boat) ($/hour)	$12
Flip Back Rate (cages/hour)	250
Hours Needed to Flip Up	4
Hours Needed to Flip Back	2
Labor Cost for one complete flip trip	$162
Fuel Cost for one complete flip trip	$14
Depreciated Supplies Cost	$5.77
Cost of One Complete Flip Trip	**$182.17**

Farm Size and Husbandry Assumptions	
Farm Size (number of cages)	500
Number of bags per cage	6
Mortality when flipped weekly	0.12
Mortality when flipped every other week	0.11
Mortality when flipped every three weeks	0.04
Proportion of oysters not market ready size	0.1
Harvest Size (shell height in millimeters)	76
Stocking density (oysters/bag)	150
Time to Remove Fouling from One Oyster (seconds)	5
Labor Rate for Cleaning Oysters (hourly)	$8.00

Seed, Supplies, & Equipment Assumptions	
Seed Cost, 35mm seed (per 1000)	$30
Number of Seed Planted	450,000
New cost of cage including bags and rigging (per cage)	$360
Gear depreciation (years)	7
Fuel Cost, including oil ($/gallon)	$2.40
Fuel Needed per Complete Flip Trip (gallons)	6
Wetsuit, Boots, Gloves, Slate (annual cost)	$300.00

Sale Price (price per oyster)	
Minimum	$0.85
Maximum	$0.95

THIS SECTION WILL CALCULATE AUTOMATICALLY BASED ON YOUR ASSUMPTIONS

	Flipping Frequency		
	Weekly	Every Other Week	Every Three Weeks
Grow Out Time Needed (weeks)	38	32	32
Flip Trips Needed	38	16	11
Number of oysters stocked	450,000	450,000	450,000
Number of oysters after mortality	396,000	400,500	432,000
Number of market size oysters	356,400	360,450	388,800
Minimum Gross Profit	$302,940	$306,383	$330,480
Maximum Gross Profit	$338,580	$342,428	$369,360
Cost of Air Drying for Biofouling Control	$6,922	$2,915	$1,943
Seed Cost	$13,500	$13,500	$13,500
Depreciated Gear Cost	$25,714	$25,714	$25,714
Fouling Removal	n/a	n/a	n/a
Total Expense	$46,137	$42,129	$41,157
Net Profit			
Minimum	$256,803	$264,254	$289,323
Maximum	$292,443	$300,299	$328,203

Louisiana

Air Drying Labor and Supplies Assumptions	
Flip Up Rate (cages/hour)	125
Rate of pay for in-water flipper ($/hour)	$15
Rate of pay for flipper asst (keep up in boat) ($/hour)	$12
Flip Back Rate (cages/hour)	250
Hours Needed to Flip Up	4
Hours Needed to Flip Back	2
Labor Cost for one complete flip trip	$162
Fuel Cost for one complete flip trip	$14
Depreciated Supplies Cost	$5.77
Cost of One Complete Flip Trip	**$182.17**

Farm Size and Husbandry Assumptions	
Farm Size (number of cages)	500
Number of bags per cage	6
Mortality when flipped weekly	0.05
Mortality when flipped every other week	0.04
Mortality when flipped every three weeks	0.04
Proportion of oysters not market ready size	0.1
Harvest Size (shell height in millimeters)	76
Stocking density (oysters/bag)	150
Time to Remove Fouling from One Oyster (seconds)	5
Labor Rate for Cleaning Oysters (hourly)	$8.00

Seed, Supplies, & Equipment Assumptions	
Seed Cost, 35mm seed (per 1000)	$30
Number of Seed Planted	450,000
New cost of cage including bags and rigging (per cage)	$360
Gear depreciation (years)	7
Fuel Cost, including oil ($/gallon)	$2.40
Fuel Needed per Complete Flip Trip (gallons)	6
Wetsuit, Boots, Gloves, Slate (annual cost)	$300.00

Sale Price (price per oyster)	
Minimum	$0.85
Maximum	$0.95

THIS SECTION WILL CALCULATE AUTOMATICALLY BASED ON YOUR ASSUMPTIONS

	Flipping Frequency		
	Weekly	Every Other Week	Every Three Weeks
Grow Out Time Needed (weeks)	30	24	24
Flip Trips Needed	30	12	8
Number of oysters stocked	450,000	450,000	450,000
Number of oysters after mortality	427,500	432,000	432,000
Number of market size oysters	384,750	388,800	388,800
Minimum Gross Profit	$327,038	$330,480	$330,480
Maximum Gross Profit	$365,513	$369,360	$369,360
Cost of Air Drying for Biofouling Control	$5,465	$2,186	$1,457
Seed Cost	$13,500	$13,500	$13,500
Depreciated Gear Cost	$25,714	$25,714	$25,714
Fouling Removal	$4,275	n/a	n/a
Total Expense	$48,954	$41,400	$40,672
Net Profit			
Minimum	$278,083	$289,080	$289,808
Maximum	$316,558	$327,960	$328,688