Crop Farmer

the uva bay game

Enter all values in whole number format, without commas.

Choose one farming method.

Farming Method ⊞

- ● Conventional
- ○ BMP Basic
- ○ BMP Advanced
- ○ Sustainable

Maximize yield per acre.

Implement basic best management practices; reduce harvest per acre.

Implement advanced best management practices; further reduce harvest per acre.

Plant sustainable crops; further reduce harvest per acre.

Plant [117] farmland acres

Plant [0] acres in cover crops ⊞

Units: # of owned acres
Range: 0 - # of owned acres

Leave [0] acres fallow ⊞

# of acres of cropland kept out of production; autocalculated.

Purchase $ [0] of new equipment to improve efficiency ⊞

Expand your farm operation by purchasing new equipment; increases efficiency.

Importance to you of

Economy: [40] /100 ⊞

Environment: [40] /100 ⊞

Quality of Life: [20] /100 ⊞

Rank the overall importance to you of the economy, the environment, and quality of life. These values are your Life Balance Goals.

*These three decisions are available only in round 1.

Range: 0 - 100

*The three values must add to 100.

Your assessment of

Economy: [5] /10 ⊞

Environment: [5] /10 ⊞

Quality of Life: [5] /10 ⊞

Rank the current health of the economy, the environment, and quality of life.
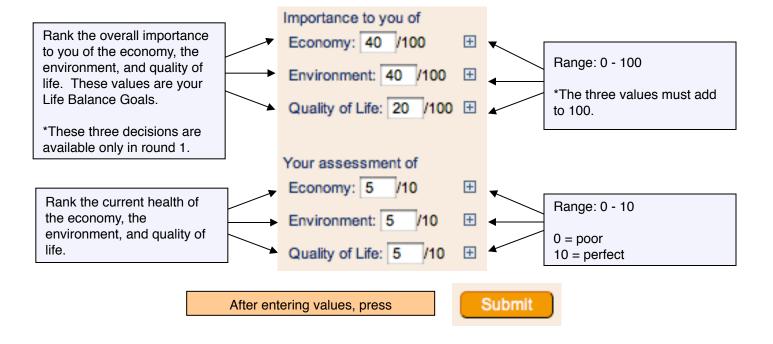
Range: 0 - 10

0 = poor
10 = perfect

After entering values, press

Submit

Animal Farmer

the uva bay game

Choose one farming method.

Conventional animal farming operation with high-yield, concentrated methods.

Animal farming operation with sustainable methods.

Choose one waste treatment type.

Store manure in an open container.

Store manure in an enclosed container. Price: $48,000.

*Composting to make fertilizer requires aerobic conditions. Covered storage creates anaerobic conditions.

*Unless you upgrade to covered storage, you do not have the option to add nutrient removal.

Invest in additional farm infrastructure to support a larger herd.

Rank the overall importance to you of the economy, the environment, and quality of life. These values are your Life Balance Goals.

*These three decisions are available only in round 1.

Rank the current health of the economy, the environment, and quality of life.

Farming Method ⊞
☑ Conventional
☐ Sustainable

Waste Treatment ⊞
☑ Basic Treatment
☐ add Covered Storage

*Covered storage and nutrient removal are upgrades to your waste disposal process. Once you upgrade, you may not downgrade. You may not purchase both upgrades simultaneously.

Purchase new infrastructure to support increasing your herd size by [0] animals ⊞

Importance to you of
Economy: [40]/100 ⊞
Environment: [40]/100 ⊞
Quality of Life: [20]/100 ⊞

Your assessment of
Economy: [5]/10 ⊞
Environment: [5]/10 ⊞
Quality of Life: [5]/10 ⊞

*Upgrading to covered storage gives you the option to add nutrient removal.

Waste Treatment ⊞
☑ Basic Treatment
☐ add Covered Storage

*Upgrading to nutrient removal commits you to this level of waste treatment for the remainder of the simulation.

Farming Method ⊞
☑ Nutrient Removal

Store manure in an enclosed container; conduct nutrient removal treatment. Price: $480,000.
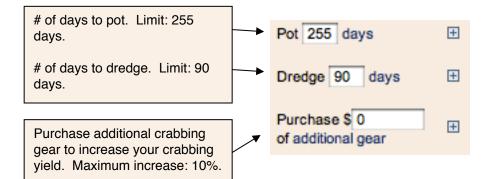
Enter all values in whole number format, without commas.

Range: 0 - 100

*The three values must add to 100.

Range: 0 - 10

0 = poor
10 = perfect

After entering values, press   **Submit**

Land Developer

the uva bay game

Enter a positive value to purchase and develop acres; enter a negative value to sell acres.

Buy and develop or sell `0` conventional greenfield acres

Buy and develop or sell `0` sustainable greenfield acres

Buy and develop or sell `0` conventional infill acres

Buy and develop or sell `0` sustainable infill acres

You may buy and develop or sell each of four types of land in each decision round.

To buy and develop acres, enter positive values.

To sell land, enter negative values.

You may not buy and develop and sell the same type of land in the same period.

Rank the overall importance to you of the economy, the environment, and quality of life. These values are your Life Balance Goals.

*These three decisions are available only in round 1.

Importance to you of

Economy: `40` /100 ⊞

Environment: `40` /100 ⊞

Quality of Life: `20` /100 ⊞

Range: 0 - 100

*The three values must add to 100.

Your assessment of

Economy: `5` /10 ⊞

Environment: `5` /10 ⊞

Quality of Life: `5` /10 ⊞

Rank the current health of the economy, the environment, and quality of life.

Range: 0 - 10

0 = poor
10 = perfect

After entering values, press | **Submit**

Waterman

the uva bay game

of days to pot. Limit: 255 days.

# of days to dredge. Limit: 90 days.

Pot 255 days ⊞

Dredge 90 days ⊞

Purchase $ 0 of additional gear ⊞

Purchase additional crabbing gear to increase your crabbing yield. Maximum increase: 10%.

Rank the overall importance to you of the economy, the environment, and quality of life. These values are your Life Balance Goals.

*These three decisions are available only in round 1.

Importance to you of

Economy: 40 /100 ⊞

Environment: 40 /100 ⊞

Quality of Life: 20 /100 ⊞

Range: 0 - 100

*The three values must add to 100.

Rank the current health of the economy, the environment, and quality of life.

Your assessment of

Economy: 5 /10 ⊞

Environment: 5 /10 ⊞

Quality of Life: 5 /10 ⊞

Range: 0 - 10

0 = poor
10 = perfect

After entering values, press

Submit

Bay Regulator

the uva bay game
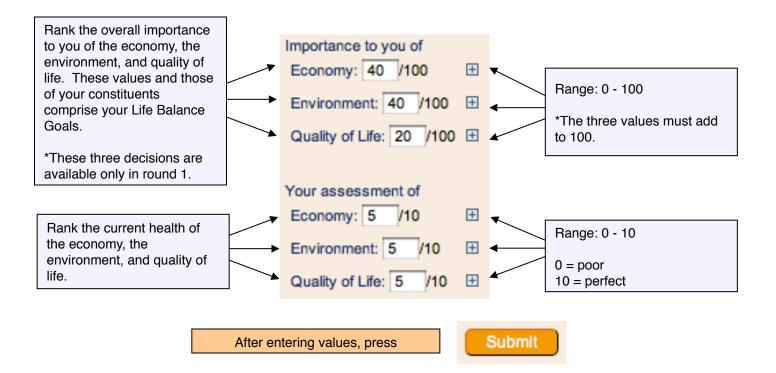
Enter all values in whole number format, without commas.

Maximum number of crabs caught per waterman per year

Units: maximum number of crabs a waterman is permitted to catch each year

Range: 100 - 200000

*To set no limit, enter 0.

Limit watermen to 5000 crabs per round ⊞

The dredging season will be open for 35 / 90 days. ⊞

The potting season will be open for 255 / 255 days. ⊞

Rank the overall importance to you of the economy, the environment, and quality of life. These values and those of your constituents comprise your Life Balance Goals.

*These three decisions are available only in round 1.

Importance to you of

Economy: 40 /100 ⊞

Environment: 40 /100 ⊞

Quality of Life: 20 /100 ⊞

Range: 0 - 100

*The three values must add to 100.

Rank the current health of the economy, the environment, and quality of life.

Your assessment of

Economy: 5 /10 ⊞

Environment: 5 /10 ⊞

Quality of Life: 5 /10 ⊞

Range: 0 - 10

0 = poor
10 = perfect

After entering values, press

Submit

Crop Regulator

the uva bay game

$/acre to subsidize farmers using basic best management practices

$/acre to subsidize farmers using advanced best management practices

$/acre to subsidize farmers using sustainable methods

$/acre to subsidize farmers leaving land fallow

$/acre to subsidize farmers applying cover crops

Offer crop farmers [100] $/acre for using basic BMP farming methods

Offer crop farmers [200] $/acre for using advanced BMP farming methods

Offer crop farmers [250] $/acre for using sustainable farming methods

Offer crop farmers [0] $/acre for leaving land fallow

Offer crop farmers [50] $/acre for applying cover crops

Units: $/acre
Range: 0 to 1000 $/acre

Rank the overall importance to you of the economy, the environment, and quality of life. These values and those of your constituents comprise your Life Balance Goals.

*These three decisions are available only in round 1.

Importance to you of

Economy: [40] /100

Environment: [40] /100

Quality of Life: [20] /100

Range: 0 - 100

*The three values must add to 100.

Rank the current health of the economy, the environment, and quality of life.

Your assessment of

Economy: [5] /10

Environment: [5] /10

Quality of Life: [5] /10

Range: 0 - 10

0 = poor
10 = perfect

After entering values, press

Submit

Animal Regulator

the uva bay game

$/acre to tax farmers using conventional methods

$/acre to tax farmers using the basic waste treatment method

$/acre to tax farmers using the covered storage waste treatment method

Tax animal farmers
[50] $/acre for using conventional farming methods ⊞

Tax on animal farmers
[50] $/acre for using the basic waste treatment method ⊞

Tax animal farmers
[0] $/acre for using the covered storage waste treatment option ⊞

Units: $/acre
Range: 0 to 1000 $/acre

$/acre to subsidize farmers using low-input sustainable methods

$/acre to subsidize farmers using the covered storage waste treatment method

$/acre to subsidize farmers using the nutrient removal waste treatment method

Offer animal farmers
[300] $/acre for using low-input sustainable farming methods ⊞

Offer animal farmers
[400] $/acre for using the covered storage waste treatment method ⊞

Offer animal farmers
[500] $/acre for using the nutrient removal waste treatment method ⊞

Units: $/acre
Range: 0 to 1000 $/acre

After entering values, press

Submit

Land Use Regulator

the uva bay game

Enter all values in whole number or decimal format, without commas.

$/acre to tax land developers for buying and developing land using conventional methods

Tax land developers
150 $/acre for buying and conventionally developing land ⊞

$/acre to subsiize developers for buying and developing infill acres

Offer land developers
500 $/acre for buying and developing infill land (conventional or sustainable) ⊞

$/acre to subsidize developers for developing land using sustainable methods

Offer land developers
800 $/acre for buying and developing sustainable land (greenfield or infill) ⊞

Units: $/acre
Range: 0 - 10000

Rank the overall importance to you of the economy, the environment, and quality of life. These values and those of your constituents comprise your Life Balance Goals.

*These three decisions are available only in round 1.

Importance to you of
Economy: 40 /100 ⊞
Environment: 40 /100 ⊞
Quality of Life: 20 /100 ⊞

Range: 0 - 100

*The three values must add to 100.

Rank the current health of the economy, the environment, and quality of life.

Your assessment of
Economy: 5 /10 ⊞
Environment: 5 /10 ⊞
Quality of Life: 5 /10 ⊞

Range: 0 - 10

0 = poor
10 = perfect

After entering values, press

Submit