

SAA Project Update Sept 1, 2022

During this reporting period we finalized the diet formulations for the study. A total of six treatment diets were prepared by Dr. Allen Davis at Auburn University and successfully shipped to HSWRI for use in the laboratory feeding trial.

Table 1. Diet formulations for laboratory feeding trial using California yellowtail.

EXP 2226 HUBS Yellowtail							
Batch quantity (g):	8000.00						
	1	2	3	4	5	6	Total
Menhaden fishmeal						1696.0	1696.0
Poultry meal - Chicken by product meal (Darling)	1600.0	1600.0	1600.0	1600.0	1600.0		8000.0
SE Soybean meal - from poult	3040.0					3040.0	6080.0
SBM Bright Day -Benson Hill		2560.0		3296.0			5856.0
SPC Soycomil PE -ADM Animal Nutrition	640.0	640.0	640.0			640.0	2560.0
SBM Hamlet HP 300			2464.0		3184.0		5648.0
CPC - Empareal 75	680.0	680.0	680.0	680.0	680.0	680.0	4080.0
Menhaden fish oil	543.2	551.2	517.6	551.2	508.0	609.6	3280.8
Corn Starch	121.6	593.6	723.2	497.6	652.8	4.0	2592.8
Whole wheat	1040.0	1040.0	1040.0	1040.0	1040.0	1000.0	6200.0
Mineral premix (ASA/marine fish)	20.0	20.0	20.0	20.0	20.0	20.0	120.0
Vitamin premix (ASA/marine fish)	40.0	40.0	40.0	40.0	40.0	40.0	240.0
Choline chloride (0.2% all diets)	16.0	16.0	16.0	16.0	16.0	16.0	96.0
Rovimix Stay-C 35%	8.0	8.0	8.0	8.0	8.0	8.0	48.0
CaP-dibasic	200.0	200.0	200.0	200.0	200.0	200.0	1200.0
Methionine	11.2	11.2	11.2	11.2	11.2	6.4	62.4
Taurine	40.0	40.0	40.0	40.0	40.0	40.0	240.0
Total	8000.0	8000.0	8000.0	8000.0	8000.0	8000.0	

Yellowtail have been successfully reared to the target size of 5g at HSWRI and the feeding trial is planned to start during the week of September 6th.