

## Lamb Retained Ownership Worksheet

This worksheet allows lamb producers to predict marginal revenue from the prediction matrix and subtract cost of gain to estimate profit or loss from retained ownership beyond traditional marketing at weaning.

	Monthly Weight Gain (lb)										
	40 -> 55	55 -> 60	50 -> 65	55 -> 70	60 -> 75	65 -> 80	70 -> 85	75 -> 90	80 -> 95	85 -> 100	90 -> 105
Jan -> Feb	\$27.72	\$25.22	\$24.14	\$23.50	\$25.07	\$22.40	\$23.03	\$21.95	\$19.81	\$19.88	\$12.46
Feb -> Mar	\$25.46	\$19.60	\$16.07	\$14.20	\$12.34	\$12.40	\$11.31	\$9.45	\$11.20	\$11.56	\$2.33
Mar -> Apr	\$24.43	\$20.91	\$19.47	\$19.04	\$19.10	\$11.71	\$15.54	\$9.41	\$9.53	\$4.45	\$3.37
Apr -> May	\$26.48	\$18.12	\$18.28	\$14.09	\$16.71	\$14.35	\$12.85	\$13.65	\$14.65	\$15.86	\$13.75
May -> Jun	\$24.49	\$22.19	\$21.90	\$16.73	\$16.31	\$16.91	\$11.46	\$9.64	\$7.95	\$8.85	\$4.54
Jun -> Jul	\$31.36	\$25.46	\$20.44	\$18.89	\$15.13	\$13.51	\$12.30	\$15.53	\$14.57	\$12.14	\$14.32
Jul -> Aug	\$22.38	\$22.92	\$22.76	\$21.00	\$20.55	\$22.79	\$19.74	\$21.20	\$19.17	\$18.42	\$10.16
Aug -> Sep	\$29.55	\$26.20	\$25.97	\$22.81	\$21.15	\$23.99	\$20.04	\$22.04	\$17.16	\$13.21	\$17.53
Sep -> Oct	\$30.60	\$22.47	\$18.55	\$19.70	\$18.87	\$13.81	\$15.59	\$10.05	\$12.10	\$9.19	-\$1.30
Oct -> Nov	\$35.44	\$34.11	\$26.16	\$27.08	\$28.71	\$24.34	\$20.97	\$28.95	\$16.82	\$32.68	\$50.70
Nov -> Dec	\$35.14	\$27.78	\$26.74	\$29.25	\$27.56	\$29.10	\$23.82	\$32.06	\$35.82	\$30.51	\$24.68
Dec -> Jan	\$29.38	\$17.54	\$15.72	\$11.81	\$11.22	\$12.87	\$11.58	\$8.16	\$12.02	\$15.17	-\$1.02

	Marginal Revenue		Monthly Cost of Gain		Profit or Loss
<i>Ex. April to May - 50 to 65 lb.</i>	\$18.28	-	\$10.00	=	\$8.28
1.		-		=	
2.		-		=	
3.		-		=	
4.		-		=	
5.		-		=	
<b>Total</b>					

The data in this table is based on 92,731 transactions (lots) in which 891,173 lambs were marketed through Producers Livestock Auction Co. in San Angelo, TX between 2010 and 2019. This worksheet is intended to estimate the combined impact of seasonal price movements through the year and changes in the unit live price of lambs as they gain weight.

This retained ownership worksheet is not intended to forecast future prices, but rather estimates the anticipated marginal revenue per head that a producer can expect from keeping and feeding a lamb for another month or more. It is assumed that lambs will gain 15 pounds per month. Producers will also need to estimate their monthly cost of gain on the lambs (total costs incurred divided by the weight gained during the month).

An interactive version of this worksheet is available to iPhone users as a mobile device app:

<https://apps.apple.com/app/id1467220182>

