

An investment in Y-TEX insecticide tags can return over **1000%** in one season!



A \$3.00 investment in Y-TEX insecticide ear tags can return 43.1 lbs. extra gain for calves, 47.1 lbs. extra gain for stocker steers and open heifers, and 26.1 lbs extra gain for cows.*

*Based on 43 independent studies for calves, 11 studies for stocker steers and open heifers, and 28 herd studies for cows. For good long-term horn fly control, proper tag rotation must be followed. For best performance, follow a good herd health program recommended by a veterinarian.

Y•TEX®

Summary of 43 University Studies on Calf* Weight Gains with Y-TEX Insecticide Ear Tags on Beef Cows For Control of Horn Flies 1995 -2000

STUDY	TOTAL WEIGHT GAIN ADVANTAGE (lbs.)	WEIGHT GAIN ADVANTAGE PER DAY (lbs.)	TAG TESTED	LOCATION OF STUDY
1	35.4 lbs.	0.22 lb./day	PYthon	Univ. of Tennessee 2000
2	20.9 lbs.	0.13 lb./day	OPTimizer	Univ. of Tennessee 2000
3	16.9 lbs.	0.19 lb./day	WARRIOR	St. Gabriel, Louisiana 2000
4	20.0 lbs.	0.16 lb./day	OPTimizer	Purdue Univ., Indiana 2000
5	14.5 lbs.	0.11 lb./day	WARRIOR	Purdue Univ., Indiana 2000
6	16.0 lbs.	0.12 lb./day	WARRIOR	New Mexico State Univ. 2000
7	137.1 lbs.	0.70 lb./day	PYthon	Mississippi State Univ. 2000
8	78.0 lbs.	0.33 lb./day	WARRIOR	Mississippi State Univ. 2000
9	95.1 lbs.	0.55 lb./day	OPTimizer	Mississippi State Univ. 1999
10	62.5 lbs.	0.71 lb./day	PYthon	Mississippi State Univ. 1999
11	87.8 lbs.	0.79 lb./day	WARRIOR	Mississippi State Univ. 1999
12	43.4 lbs.	0.57 lb./day	PYthon	Purdue Univ., Indiana 1999
13	18.9 lbs.	0.32 lb./day	WARRIOR	Purdue Univ., Indiana 1999
14	15.7 lbs.	0.29 lb./day	WARRIOR	Purdue Univ., Indiana 1999
15	19.9 lbs.	0.10 lb./day	OPTimizer	Purdue Univ., Indiana 1999
16	52.3 lbs.	0.48 lb./day	WARRIOR	Purdue Univ., Indiana 1999
17	46.0 lbs.	0.40 lb./day	PYthon	Univ. of Arkansas 1999
18	24.0 lbs.	0.20 lb./day	WARRIOR	Univ. of Arkansas 1999
19	88.0 lbs.	0.68 lb./day	PYthon	Auburn Univ., Alabama 1998
20	105.5 lbs.	0.82 lb./day	WARRIOR	Auburn Univ., Alabama 1998
21	27.7 lbs.	0.25 lb./day	PYthon	Univ. of Arkansas 1998
22	11.9 lbs.	0.11 lb./day	WARRIOR	Univ. of Arkansas 1998
23	19.6 lbs.	0.18 lb./day	WARRIOR	Purdue Univ., Indiana 1998
24	13.8 lbs.	0.13 lb./day	OPTimizer	Purdue Univ., Indiana 1998
25	78.0 lbs.	0.37 lb./day	WARRIOR	Mississippi State Univ. 1998
26	37.0 lbs.	0.15 lb./day	PYthon	Mississippi State Univ. 1998
27	30.2 lbs.	0.24 lb./day	PYthon	Univ. of Tennessee 1998
28	34.0 lbs.	0.27 lb./day	OPTimizer	Univ. of Tennessee 1998
29	45.0 lbs.	0.40 lb./day	WARRIOR	Purdue Univ., Indiana 1997
30	37.4 lbs.	0.33 lb./day	WARRIOR	Purdue Univ., Indiana 1997
31	47.1 lbs.	0.42 lb./day	OPTimizer	Purdue Univ., Indiana 1997
32	11.5 lbs.	0.09 lb./day	WARRIOR	Mississippi State Univ. 1997
33	81.6 lbs.	0.68 lb./day	PYthon	Univ. of Tennessee 1997
34	52.8 lbs.	0.44 lb./day	PYthon	Univ. of Tennessee 1997
35	32.4 lbs.	0.27 lb./day	WARRIOR	Univ. of Tennessee 1997
36	80.4 lbs.	0.88 lb./day	OPTimizer	Mississippi State Univ. 1996
37	68.0 lbs.	0.38 lb./day	WARRIOR	North Dakota State Univ. 1996
38	26.0 lbs.	0.15 lb./day	PYthon	North Dakota State Univ. 1996
39	28.0 lbs.	0.25 lb./day	PYthon	North Dakota State Univ. 1996
40	23.0 lbs.	0.20 lb./day	WARRIOR	North Dakota State Univ. 1996
41	16.7 lbs.	0.13 lb./day	OPTimizer	Purdue Univ., Indiana 1995
42	17.2 lbs.	0.14 lb./day	OPTimizer	Purdue Univ., Indiana 1995
43	36.0 lbs.	0.20 lb./day	WARRIOR	North Dakota State Univ. 1995

AVERAGE 43.1 lbs. 0.34 lb./day

*Study includes calves of similar starting weights from tagged and untagged cows.

Summary of 11 University Studies of Weight Gains of Stocker Steers and Open Heifers Treated with Y-TEX Insecticide Ear Tags for Horn Fly Control 1995-2000

STUDY	TYPE	TAG	3-5 MO. INCREASED GAIN (lbs.)	INCREASED AVERAGE DAILY GAIN	LOCATION OF STUDY
1	Heifer	PYthon	54.7 lbs.	0.460 lb./day	University of Tennessee 2000
2	Mixed	WARRIOR	41.6 lbs.	0.350 lb./day	University of Tennessee 2000
3	Heifer	PYthon	8.1 lbs.	0.060 lb./day	Louisiana State Univ. 2000
4	Heifer	WARRIOR	29.6 lbs.	0.210 lb./day	Louisiana State Univ. 2000
5	Steers	WARRIOR	13.3 lbs.	0.100 lb./day	Louisiana State Univ. 2000
6	Mixed	PYthon	43.6 lbs.	0.240 lb./day	University of Tennessee 1999
7	Mixed	WARRIOR	139.8 lbs.	1.320 lb./day	University of Tennessee 1999
8-10	Heifer	WARRIOR	53.8 lbs.	0.403 lb./day	Louisiana State Univ. 1997
11	Mixed	OPTimizer	26.4 lbs.	0.264 lb./day	LSU, J. Econ. Ent. Jun 1995

AVERAGE INCREASED GAIN 47.1 lbs. 0.383 lb./day
(Weighted Averages) (3-5 months)

The ADG Increase of 0.383 lb./day is equivalent to a weight increase over 140 days of 53.6 lbs!

Summary of 28 University and Ranch Studies of Lactating Beef Cow Weight Gain with Calves at Side with Y-TEX Insecticide Ear Tags for Horn Fly Control 1995-2000

STUDY	TAG	INCREASED GAIN (lbs.)	INCREASED AVERAGE DAILY GAIN	LOCATION OF STUDY
1-2	PYthon/WARRIOR	39.1 lbs.	0.296 lb./day	Mississippi State Univ. 2000
3-5	PYthon/WARRIOR/Optimizer	10.9 lbs.	0.080 lb./day	New Mexico State Univ. 2000
6-7	PYthon/WARRIOR	28.9 lbs.	0.170 lb./day	Mississippi State Univ. 1999
8-12	PYthon/WARRIOR/Optimizer	15.5 lbs.	0.110 lb./day	Purdue Univ., Indiana 1999
13-14	PYthon/WARRIOR	30.0 lbs.	0.267 lb./day	University of Arkansas 1999
15-16	PYthon/WARRIOR	7.2 lbs.	0.064 lb./day	University of Arkansas 1998
17-19	WARRIOR /Optimizer	26.2 lbs.	0.240 lb./day	Purdue Univ., Indiana 1997
20-25	PYthon/WARRIOR/Optimizer	29.7 lbs.	0.306 lb./day	Deseret Ranch, Florida 1996
26-28	OPTimizer/WARRIOR	50.8 lbs.	0.403 lb./day	Purdue Univ., Indiana 1995

AVERAGE INCREASED GAIN 26.1 lbs. 0.220 lb./day



PYthon®, WARRIOR™ and OPTimizer® Weigh the Facts!

Independent studies throughout the United States show that using Y-TEX insecticide tags with the Y-TEX insecticide rotation program will yield an average weight gain advantage as follows:

Type of Study	# of Studies	Increased Gain	Increased ADG
Calf Wt Gains	43	43.1 lbs.	.34 lbs.
Open Heifers & Stocker Steers	11	47.1 lbs.	.383 lbs.
Lactating Beef Cows	28	26.1 lbs.	.22 lbs.

Based on the above studies, a \$3 investment in Y-TEX insecticide tags yields the following extra return and percent return at various market prices:

Animal	Market Price	Extra Return	%Return
Calves	\$1.00/lb.	\$43.10	1437%
Calves	\$.70/lb.	\$30.17	1006%
Calves	\$.50/lb.	\$21.55	718%

At \$.70 per lb., a weight increase of 4.29 lbs. recovers the \$3.00 investment. Per the studies, the weight gain advantage ranged from 11.5 to 137.1 pounds providing the calf producer a return of \$3.00 to \$32.00 for every dollar invested in tagging the cows.

Animal	Market Price	Extra Return	%Return
Open Heifers & Stocker Steers	\$1.00/lb.	\$47.10	1570%
Open Heifers & Stocker Steers	\$.70/lb.	\$32.97	1099%
Open Heifers & Stocker Steers	\$.50/lb.	\$23.55	785%

As noted above, at \$.70 per lb., a 4.29 lb. weight increase recovers the \$3.00 investment in insecticide tags. Per the studies, the weight gain advantage ranged from 8.1 to 139.8 pounds. Thus tagging open heifers and stocker steers returns \$2.00 to \$33.00 for every dollar invested.

Tag and Rotate Tags for Profit!
 43.1 extra pounds for calves @ \$0.70 \$30.17
 26.1 extra pounds for cows @ \$0.30 \$7.83
Extra Return
 if cow & calf are both sold **\$38.00**

For more information, contact us at:



1825 Big Horn Avenue • Cody, Wyoming 82414
 Call toll-free 1-888-600-YTEX or E-mail: ytexinfo@ytex.com

If only these organophosphate tags were used the last two years...

ROTATE TO:

PYthon®

to help prevent horn fly insecticide resistance

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If any of these pyrethroid tags were used the last two years...

ROTATE TO:

**WARRIOR™
OR
OPTimizer®**

to help prevent horn fly insecticide resistance

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