

### Corn Silage Seller's Price\*\*

	Example			Your	Farm
				Only fill in the	Blue cells
	Normal	Immature		Normal	Immature
grain yield, bushels per acre	130	70		130	70
grain yield, tons per acre	3.64	1.96		3.64	1.96
bu grain / ton silage(15.5% moisture)	7	4		7	4
corn silage yield - tons/ac (65% moisture)	20	12		20	12
grain price per bushel (fall harvest price)	7.00	7.00		7.00	7.00
<b>Calculations</b>	<b>Normal</b>	<b>Immature</b>		<b>Normal</b>	<b>Immature</b>
gross grain value / ac	910	490		910	490
minus combining*	32	32		32	32
minus grain trucking (@ .24/bushel*	31.20	16.80		31.20	16.80
Total harvesting costs	63.20	48.80		63.20	48.80
percent moisture "normal" grain corn	22	XXXX		22	XXXX
percent moisture "immature" grain corn	XXXX	30		XXXX	30
minus drying "normal" to 15.5% @.04 / point	33.80	XXXX		33.80	XXXX
minus drying "immature" to 15.5% @.04 / point	XXXX	40.60		XXXX	40.60
minus storage costs per bushel @.20/bushel	26.00	14.00		26.00	14.00
value /acre minus grain harvesting, drying,& storage costs	787.00	386.60		787.00	386.60
value P&K removed in stover(@ \$9.50/ton silage)	190	114		190	114
<b>Value Standing Corn</b>	<b>Normal</b>	<b>Immature</b>		<b>Normal</b>	<b>Immature</b>
per acre	977.00	500.60		977.00	500.60
per ton	48.85	41.72		48.85	41.72

percent dry matter	35	28		35	28
Per lb of dry matter	0.070	0.074		0.070	0.074
<b>Value In Silo</b>	<b>Normal</b>	<b>Immature</b>		<b>Normal</b>	<b>Immature</b>
plus silo filling @ 9.60 per ton*	192	115.20		192	115.20
value per acre	1169.00	615.80		1169.00	615.80
per ton	58.45	51.32		58.45	51.32
Percent shrink and storage loss	15	15		15	15
value shrink and storage loss	8.77	7.70		8.77	7.70
value out of the silo	67.22	59.01		67.22	59.01
percent dry matter	35	28		35	28
per lb of dry matter	0.096	0.105		0.096	0.105

\* 2011 Pennsylvania machinery custom rates

\*\* Buyer's price will also depend upon maturity of the corn, 75% - 90% of mature price