HOW MUCH MONEY ARE KENTUCKY FARMERS SAVING?

BIODIESEL WORKS FOR KENTUCKY ANIMAL AGRICULTURE by creating demand for soybean oil. More demand for soybean oil results in more domestic crush of U.S. soybeans, which results in more soybean meal on the market and decreases the price that poultry and livestock producers pay for feed. Biodiesel demand also increases the value of tallow, which can also be used to make the fuel.

$4.8 BILLION
Saved by poultry and livestock farmers over 5 years

HERE’S HOW:
As biodiesel production increases
The price of soybean meal decreases

Kentucky Poultry Savings: $12,325,135
Kentucky Pork Savings: $841,986
Kentucky Dairy and Beef Savings: $576,637

Aggregate Industry Savings: * $13,743,758

*Cumulative of the meal and increased drop value impacts.
WHAT DOES ANIMAL AGRICULTURE LOOK LIKE IN KENTUCKY?

The Kentucky animal agriculture industry helps to create jobs and increase state revenue while working hard to produce the hogs, broilers and laying hens that help feed the world.

$6.3 BILLION in economic output
$114 MILLION in property taxes
$1.1 BILLION in household income
$281 MILLION in income taxes
32,000 jobs

HOW MUCH SOYBEAN MEAL DO KENTUCKY FARMERS USE?

Animal agriculture in Kentucky used an estimated 492,000 tons of soybean meal in 2013. Kentucky’s poultry industry was the largest buyer of Kentucky soybeans.

<table>
<thead>
<tr>
<th>Kentucky</th>
<th>SBM Usage</th>
<th>Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broilers</td>
<td>366</td>
<td>74.3%</td>
</tr>
<tr>
<td>Pork</td>
<td>46</td>
<td>9.4%</td>
</tr>
<tr>
<td>Layers</td>
<td>22</td>
<td>4.5%</td>
</tr>
<tr>
<td>Beef</td>
<td>18</td>
<td>3.7%</td>
</tr>
<tr>
<td>Dairy</td>
<td>10</td>
<td>2.0%</td>
</tr>
<tr>
<td>Other</td>
<td>30</td>
<td>6.1%</td>
</tr>
<tr>
<td>Total</td>
<td>492</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

Sources:
5 Symposium: Ruminant Nutrition: Glycerin as a Feed for Ruminants, Biodiesel Byproduct Effective in Swine and Poultry Feed

ADDED BIODIESEL BONUS: GLYCERIN

★ Glycerin is a by-product of biodiesel production. As biodiesel production expands, so does the availability of glycerin.

★ Glycerin can be used in animal feed:
- **Cattle**: improved weight gain and efficiency in finishing diets
- **Swine**: helps with digestion, may improve water-holding capacity
- **Poultry**: increases efficiency