**By Stephen Weber** 

As the 2018 harvest season continues, we can appreciate the changing face of agriculture. In many places, the family farm is becoming a rarity as generations move away from the family homestead in search of newer opportunities available in cities and larger towns across the United States. Over time, are we witnessing the death of the once sacred family farm?

Agriculture has changed dramatically over the last 200 years. In the 1800's, nearly 90% of the U.S. population lived and worked on family farms. Each family farm was only capable of feeding 3-5 people annually. Additionally, due to a lack of mechanization, farms were much smaller.

In the 1900's, farms continued to grow. By the mid 1990's each farm produced enough to feed an average of nearly 130 people per year. Farms also increased in size. By 1995, the average farm size was 469 acres and 20% of all farms were over 500 acres.

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The USDA has reported that the number of U.S. farms has fallen sharply. It peaked at about 6.8 million farms in the mid 1930's. As shown in the chart (right), the number of farms has continued to decrease resulting in only approximately 2.06 million farms by 2015.

The amount of land devoted to farming has fallen as well. The American Farmland Trust estimated that an acre of farmland goes into development every two minutes. In some metro areas, what used to be a surrounding belt of farmland has now made way for new housing development, shopping centers, and businesses. As reported by the USDA NASS, 2012 Census of Agriculture, farmland decreased by nearly 7.6 million acres between 2007 and 2012.

As the cost of machinery, regulation, taxes, and labor continue to increase, farms are continuing to increase in size to benefit from economies of scale. While small farms continue to dominate agriculture numerically, large farms (>2000 acres) make up over 34% of the land in cultivation currently.

Finally, labor laws governing children working on the farm, environmental regulations, and current tax and estate laws all have detrimental effects on farms. These factors restrict who can work on a farm, increase the cost of operating a farm, and increase the cost of transferring a farm onto a next generation, if there is one.

Many pressures impact the family farm in the United States. Will the family farm die out for good? Most likely not. However, the shape and size of ongoing agricultural operations in the United States will likely continue on their current path.

# Number of Farms and Average Farm Size U.S. 2008-2015



Source: USDA

2.20

2.18

2.16

2.14

2.12

2.10

2.08

2.06

2.04

2008

40

35

30

25

20

15

10

5

0

## Crop Farms in 2011: Most are small, but most land is on large farms PERCENT OF FARMS OR ACRES



Source: USDA, Economic Research Service using data from USDA's 2011 Agricultural Resource Management Survey

# Farms, Land in Farms & Average Acres Per Farm, 1850-2012

MILLIONS OF FARMS/HUNDRED ACRES/BILLIONS ACRES



Source: USDA, Economic Research Service using data from USDA, National Agricultural Statistics, Census of Agriculture