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When evaluating enterprises, one should note that a snapshot of one production year may not be typical. Due to unusual growing conditions or crop rotations, one year may not be representative of the profitability of that enterprise. Therefore, an average of returns and inputs over time or a projection of long-term returns based on crop rotations may more accurately reflect potential profitability.

Enterprise budgets for crops and livestock are available online; however, individual farm factors such as availability to input suppliers and markets may affect costs and returns, so each farm should adjust the inputs to represent their own situation. Iowa State University budgets can act as a benchmark for average enterprises in Iowa or a starting place to make adjustments for analysis. Budgets are available on Ag Decision Maker, www.extension.iastate.edu/agdm, or by contacting your local extension office.

Is Brazil the reservoir of future agricultural productive capacity?

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Back in 2001, we estimated that Brazil could bring 200 to 300 million acres of land into agricultural production—an area equal to the U.S. acreage involved in major crop production. Two years later, the USDA Foreign Agricultural Service (FAS) estimated that over time the potential added production acreage could be closer 420 million acres.

In our 2003 article describing the FAS report, we wrote: “The long-term trend suggests that this expansion would proceed at the rate of 3 to 4 percent a year, if current conditions continue to prevail. Significantly lower crop prices or higher cattle prices could retard the expansion of crop acreage, while high crop prices could accelerate the growth in crop acreage.

“This growth is premised on three conditions: 1) the legalization of the production of GMO crops in Brazil; 2) the widespread adoption of high-yield crop varieties; and 3) improvement in the transportation infrastructure in Brazil that will lower the cost of getting agricultural crops to the port.”

Let’s look at this information once again, nearly a decade later. Crop prices this year are at record levels. Brazil has long since adopted the cultivation of GMOs and soybean yields match

or exceed those in the United States, depending upon weather. The only obstacle Brazilian farmers face is getting the crop from the field to international markets, though that will not always be a problem.

Thus, we were not surprised to read, in a series of three DTN articles by Alistair Stewart, that “record prices will prompt Brazilian farmers to plant soybeans on any available ground this season [note the word “season” not “year”], whether it be old pasture in the east of Mato Grosso, recently cleared scrub in the new frontier lands of the northeast, or land previously earmarked for corn in the south. As a result, soybean-planted area is set to rise for a fifth consecutive year—by 8 percent to 12 percent to 67 million to 69 million acres—forecasters say.”

And that is not all. If farmers in a number of areas are able to get the soybeans growing in time, they will be able to double-crop their fields with corn in late February. While corn yields in Brazil are well below those in the United States, a second crop of corn helps cover fixed costs, increasing already profitable margins per hectare. Those who are able have every reason to try to double-crop their fields.

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Though today's Brazilian corn yields are nowhere near those in the United States, that is unlikely to be the case in the long run. The current high prices will certainly drive investment in the research necessary to increase yields.

In addition to double cropping, Brazilian farmers have the option to rotate crops with cattle production, an option unavailable to most Iowa and Illinois farmers. In 2003, when we talked to a member of the FAS team that estimated the 420 million acres, he told us that the rotation of livestock and crops, particularly soybeans, accounted for a portion of the increased acreage the team had identified. That option is particularly attractive given the synergy between crop and livestock production.

In the last decade, Brazil has made some progress improving its transportation infrastructure, but with the huge increase in crop production, there is still a long way to go. However, once

again today's high prices are driving long-term investments in paving roads, extending railroads and improving port facilities, all with the goal of reducing transportation costs.

To us, all of this suggests that, for the foreseeable future, the world's ability to grow crops, lead by Brazil, will continue to run ahead of population growth, putting a downward pressure on crop prices. As suggested by the word "continue," this is indeed what has been happening over the decades, with the major geographical contributions to agricultural productivity varying over time.

However, there are those who believe that agriculture has entered a "new era." They argue that future agricultural supply and demand conditions will cause inflation-adjusted agricultural prices to reverse their historical patterns and trend upward in the years and decades ahead.

In Memoriam: We were saddened to learn of the death of Wendell Williams. Wendell had been an Iowa State University Extension associate working with the Farm Financial Planning Program since 1984. He played an instrumental role in extension's response to the financial crises of the 1980s. His open personality, generosity and his knowledge will be missed. A full obituary is available at: <http://www.turnerfuneralhomes.com/obituaries/Wendell-Williams3/>.

Updates, continued from page 1

Current Profitability

The following tools have been updated on www.extension.iastate.edu/agdm/info/outlook.html.

Corn Profitability – A1-85

Biodiesel Profitability – D1-15

Soybean Profitability – A1-86

Returns for Farrow-to-Finish – B1-30

Iowa Cash Corn and Soybean Prices – A2-11

Returns for Weaned Pigs – B1-33

Season Average Price Calculator – A2-15

Returns for Steer Calves – B1-35

Ethanol Profitability – D1-10

Returns for Yearling Steers – B1-35

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