

# Pioneer Focuses on Three Goals

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**D**uPont Pioneer have clearly moved into the arena of boosting agriculture, fortifying nutrition and preserving the environment and the planet, according to Alejandro Munoz, vice president, Americas and Global Production.

"Things that are affecting the world are the things on which DuPont and Pioneer have focused their energy and efforts," he said.

The three goals are simple: One is feeding the world; in 1975 there were four billion people in the world, by mid-2011 there were seven billion people, and all expectations in 30 or more years there will be 9 billion people or more.

"What that means is we have to produce about 70 percent more food on every acre in the world to produce enough food to feed the world," Munoz added. "It's really about creating enough abundant food that is healthy and available for every human being.

"We who are working in agriculture cannot feel good about the fact that in today's world one billion people go to bed every day without anything in their stomachs," he noted. "That's not something that we are very proud of and it's one of the things that we have committed ourselves to providing solutions."

A second concern is how to replace oil or fossil fuels. Crops that produce ethanol are crops to produce fuel but DuPont and Pioneer must also focus on other sources of energy.

"The third focus is preserving the environment and the planet," he added. "There you see how DuPont through Kevlar and Tyvek and other materials can be used to protect the planet. Pioneer also is developing crop systems to reduce the pressure on the planet. Fresh water utilization is one example. Considering all the nitrogen that goes through the Mississippi into the Gulf of Mexico, we're trying to bring products that will allow us to curb the amount of nitrogen at maintenance levels, again taking care of the environment.

"Of the \$1.7 billion that DuPont puts into re-

search on an annual basis, 61 percent goes into agriculture and nutrition; and 85 percent of that money is channeled into the three focus areas that I just described," Munoz explained.

Where a company puts its research dollars is



**Alejandro Munoz, vice president, Americas and Global Production explains an area that DuPont Pioneer has focused their energy and efforts**

Photo by John LaRose, Jr.

a good barometer of how that company is transforming itself to meet the world's needs.

"That is normally a very good indicator of where you see your future and how you want society to perceive your company in general," he continued. "You can see very clearly here that this company, which was 13 years ago very much in traditional chemistry, today DuPont clearly is becoming a very important player in agriculture and nutrition as space pioneers.  $\Delta$  BETTY VALLE GEGG-NAEGER: Senior Staff Writer, MidAmerica Farmer Grower