



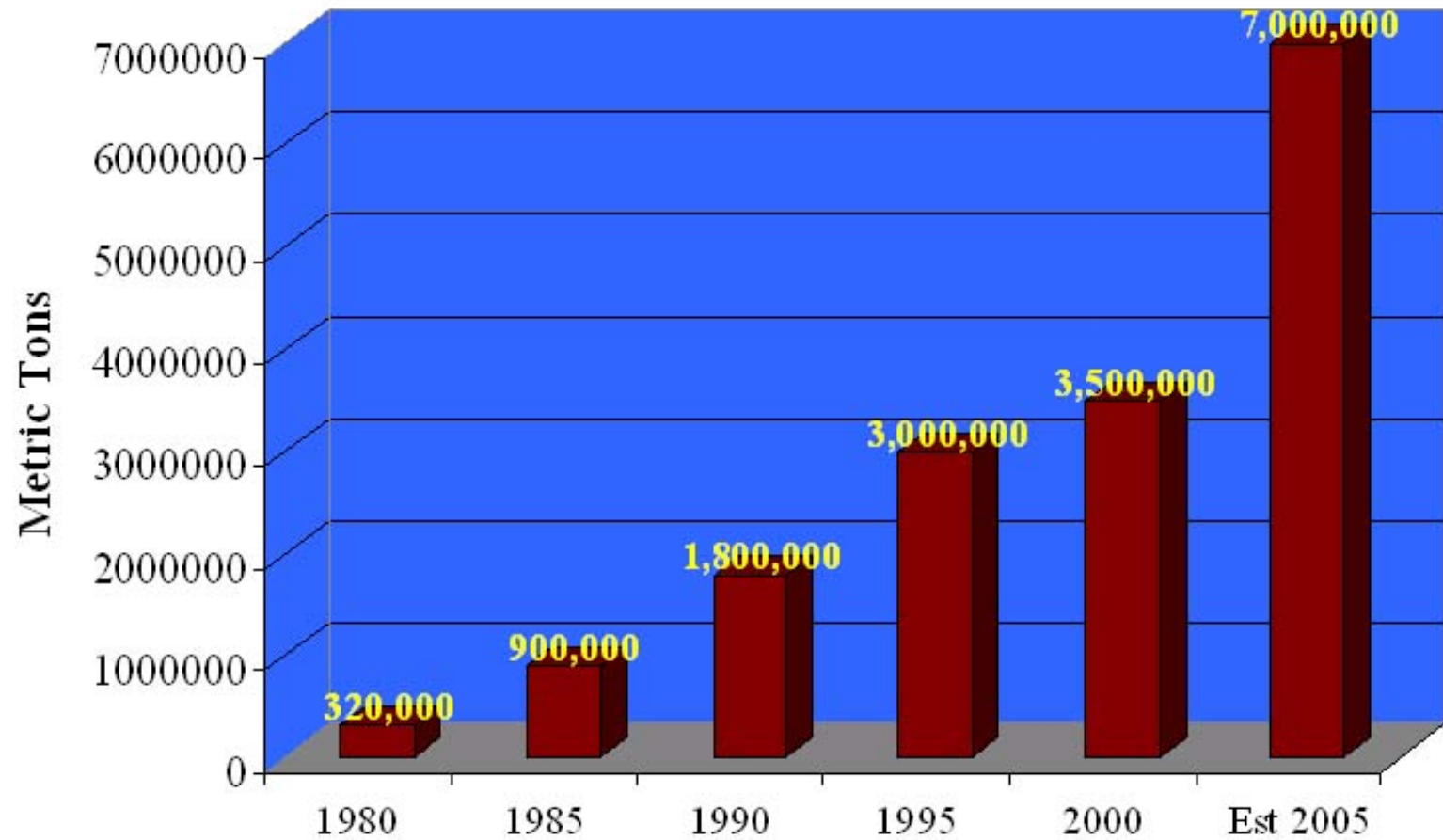
# **COMMODITY SPECIALISTS COMPANY**

**Steve Markham**

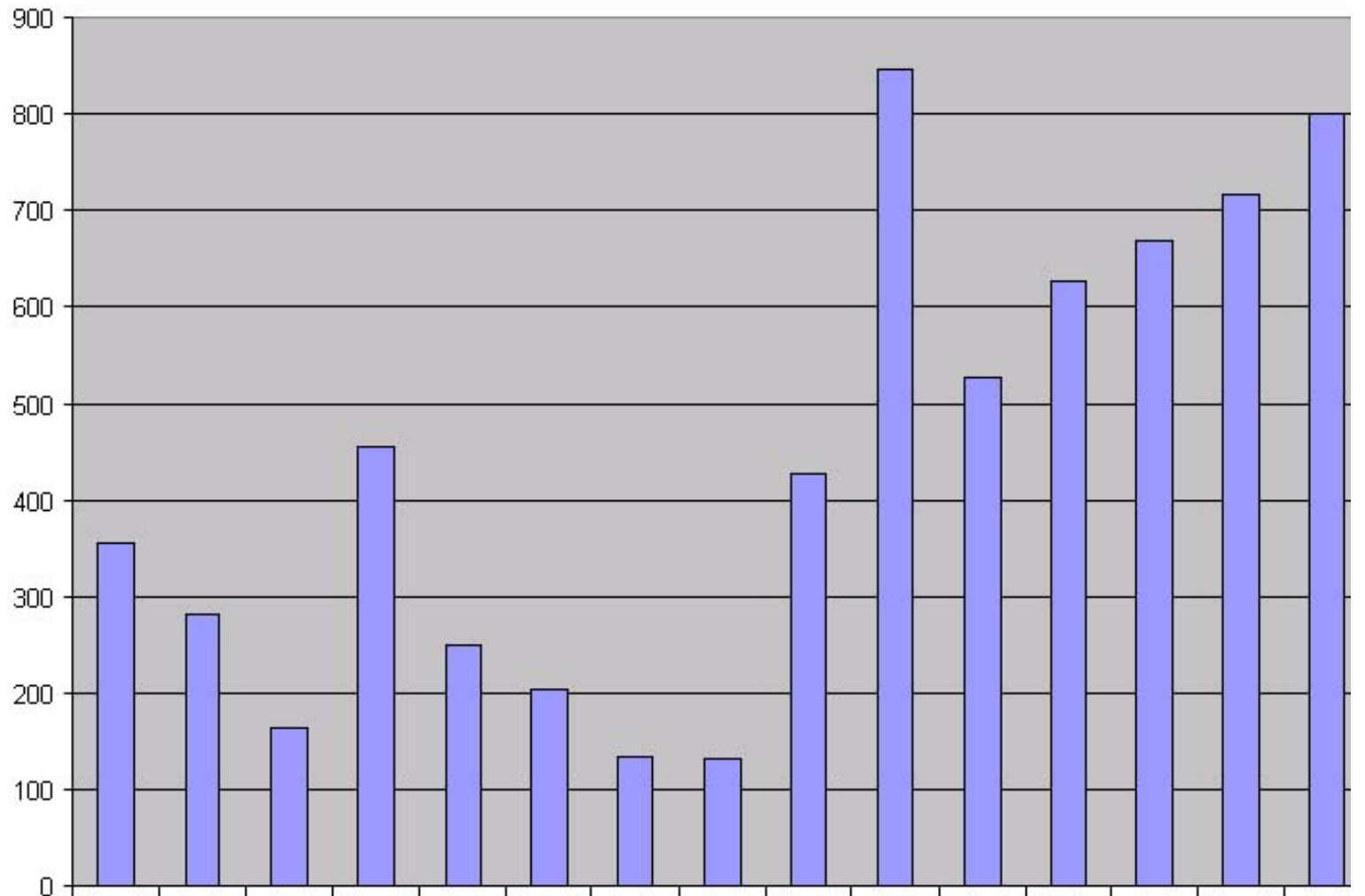
**Phone: 612-330-9130**

**Email: [smarkham@csc-world.com](mailto:smarkham@csc-world.com)**

## North American DDG Production

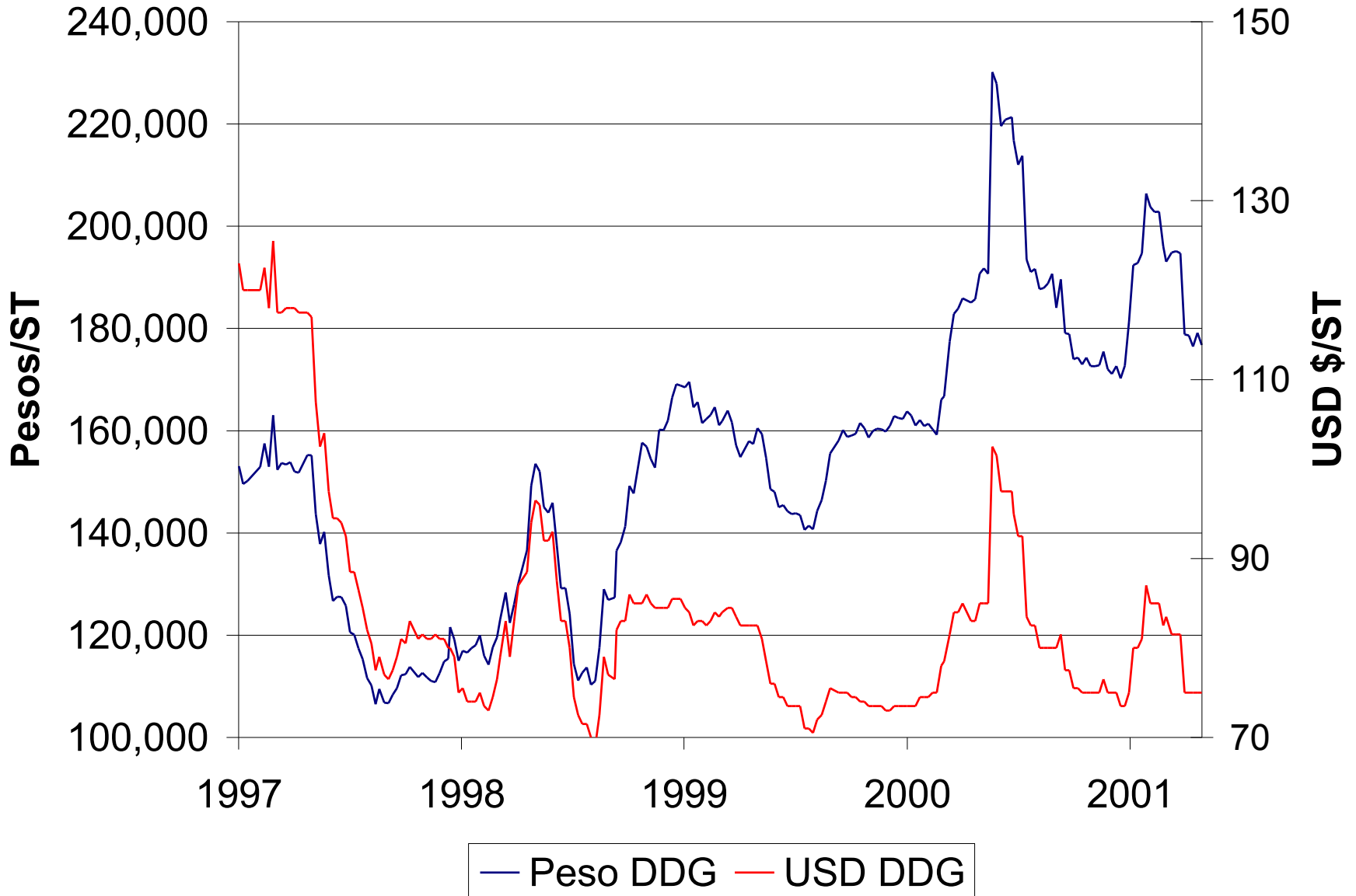


DDG Exports 1986-2000



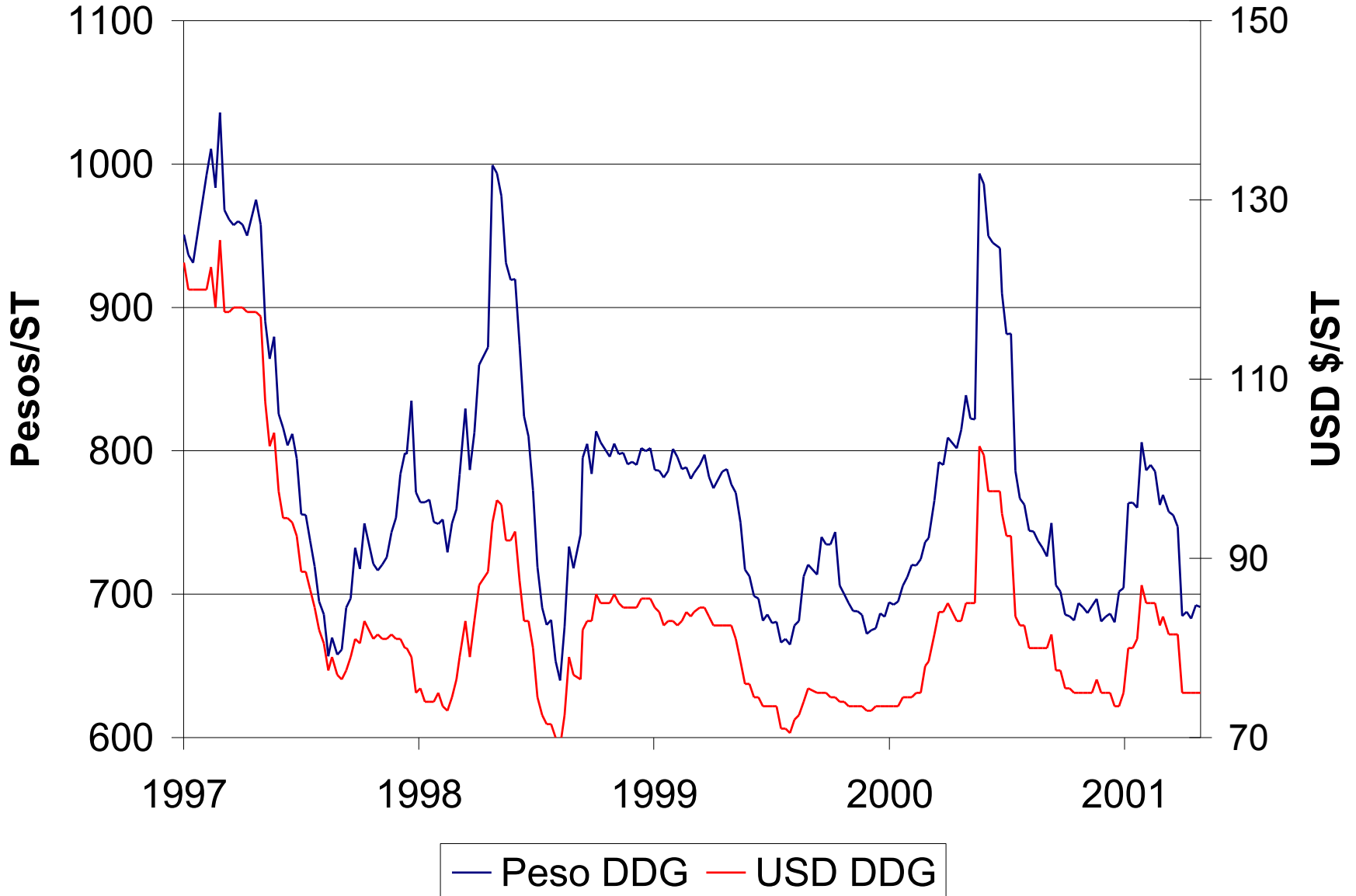
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
■ thousand metric tons	355	282	164	456	252	205	135	133	429	848	526	626	667	715	800

# Colombian Peso Price of Minnesota DDG's



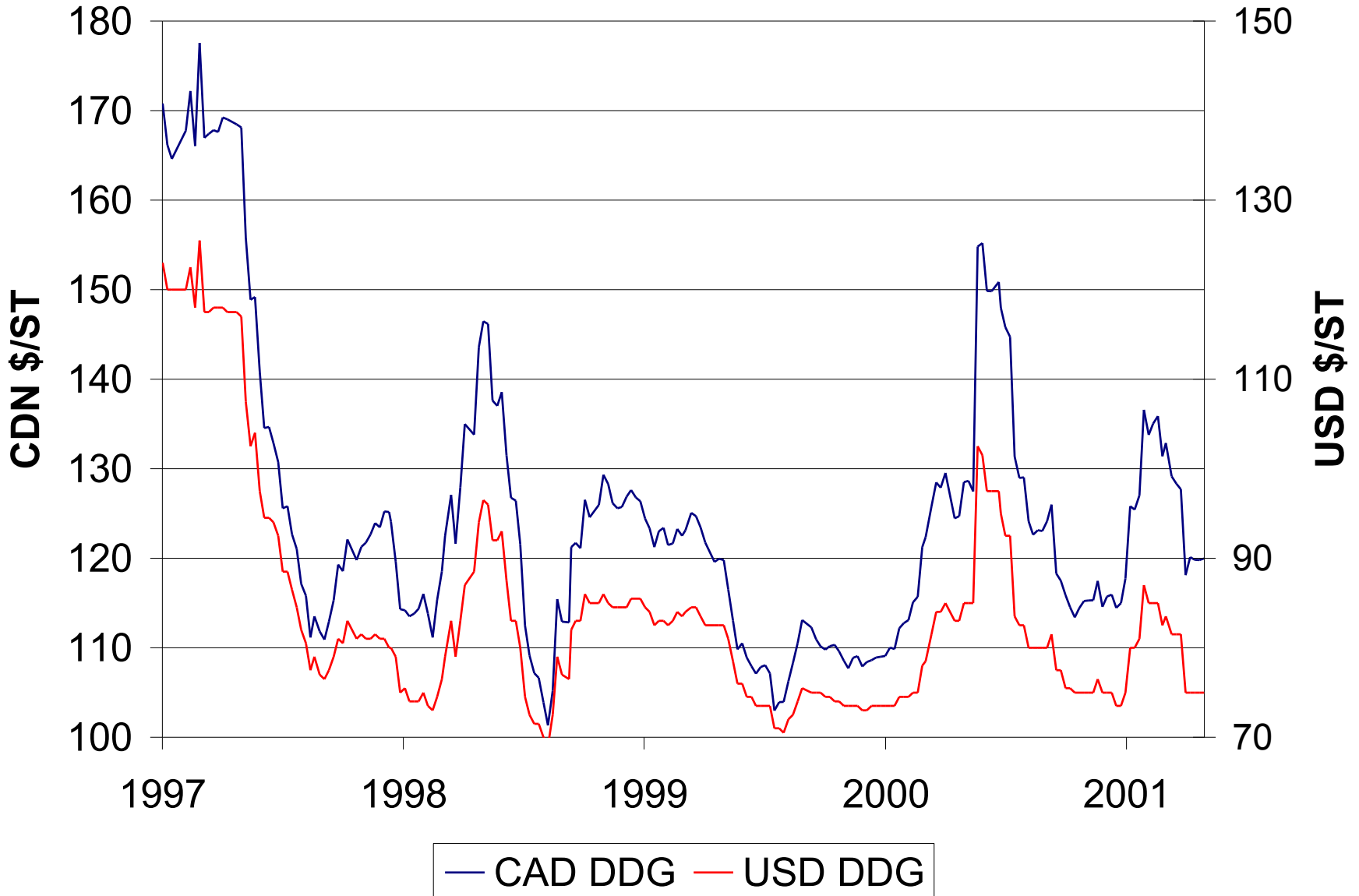
Prepared for Commodity Specialists by R.J. O'Brien

# Mexican Peso Price of Minnesota DDG's



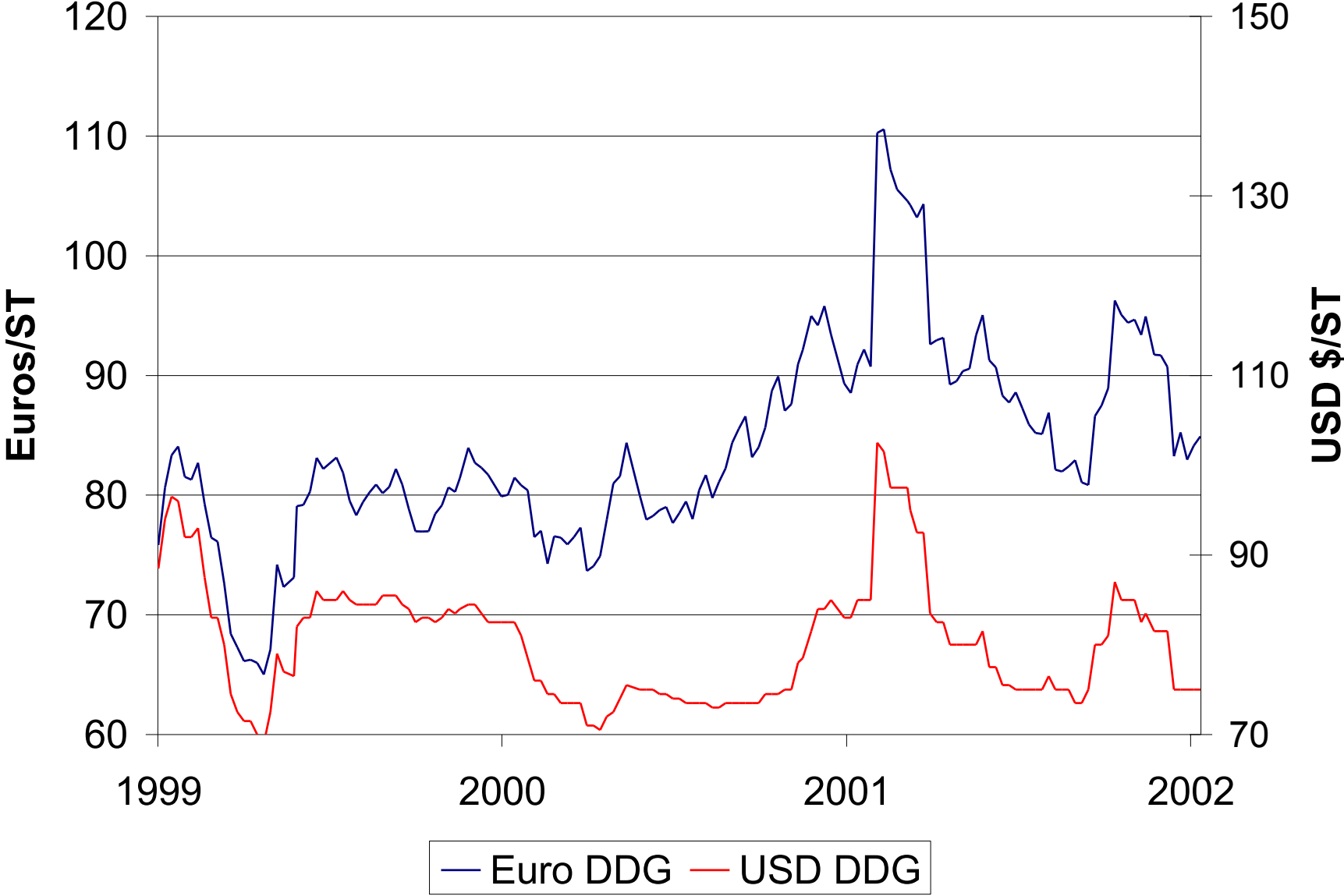
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# Canadian Dollar Price of Minnesota DDG's

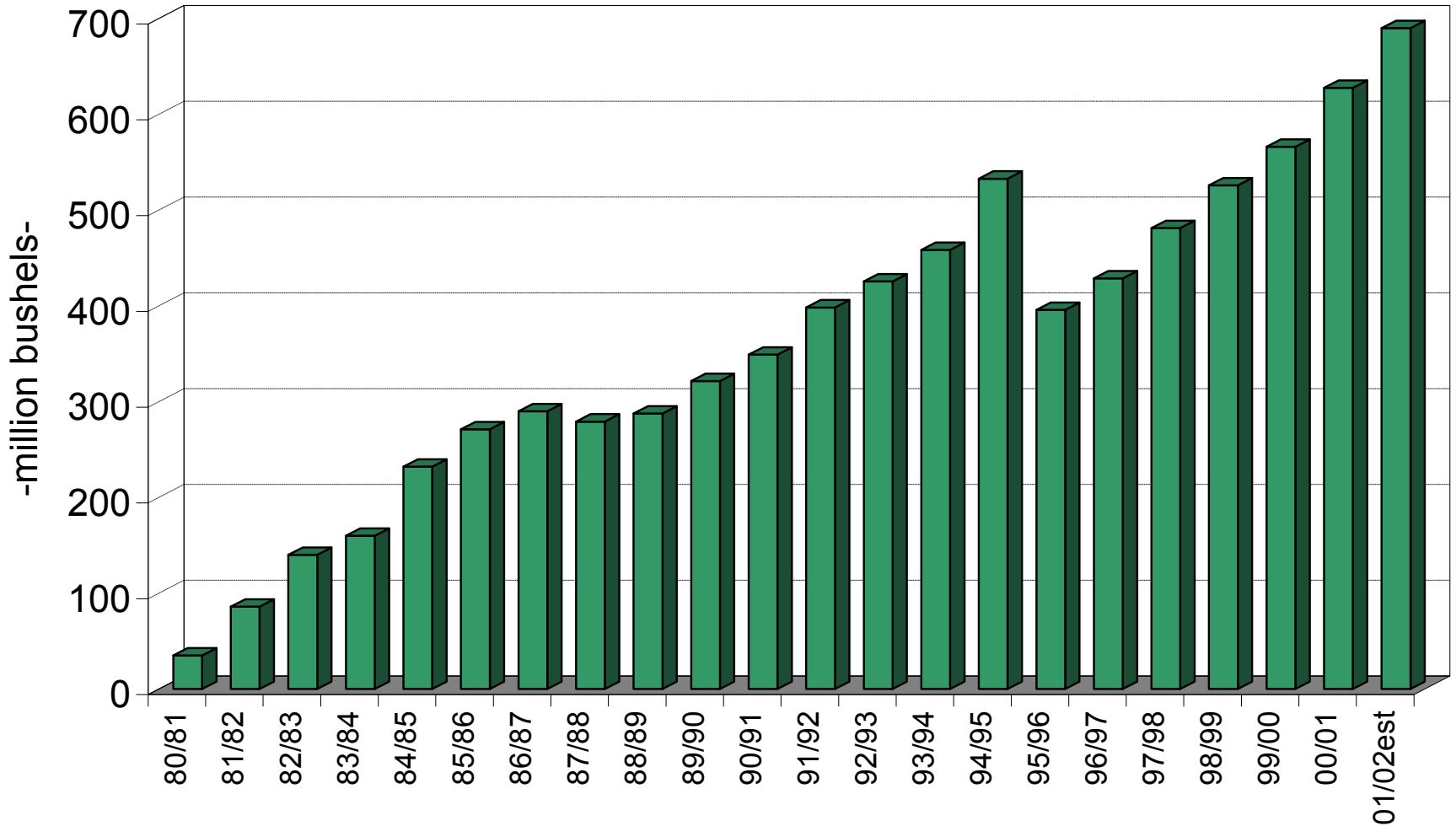


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# Euro Price of Minnesota DDG's



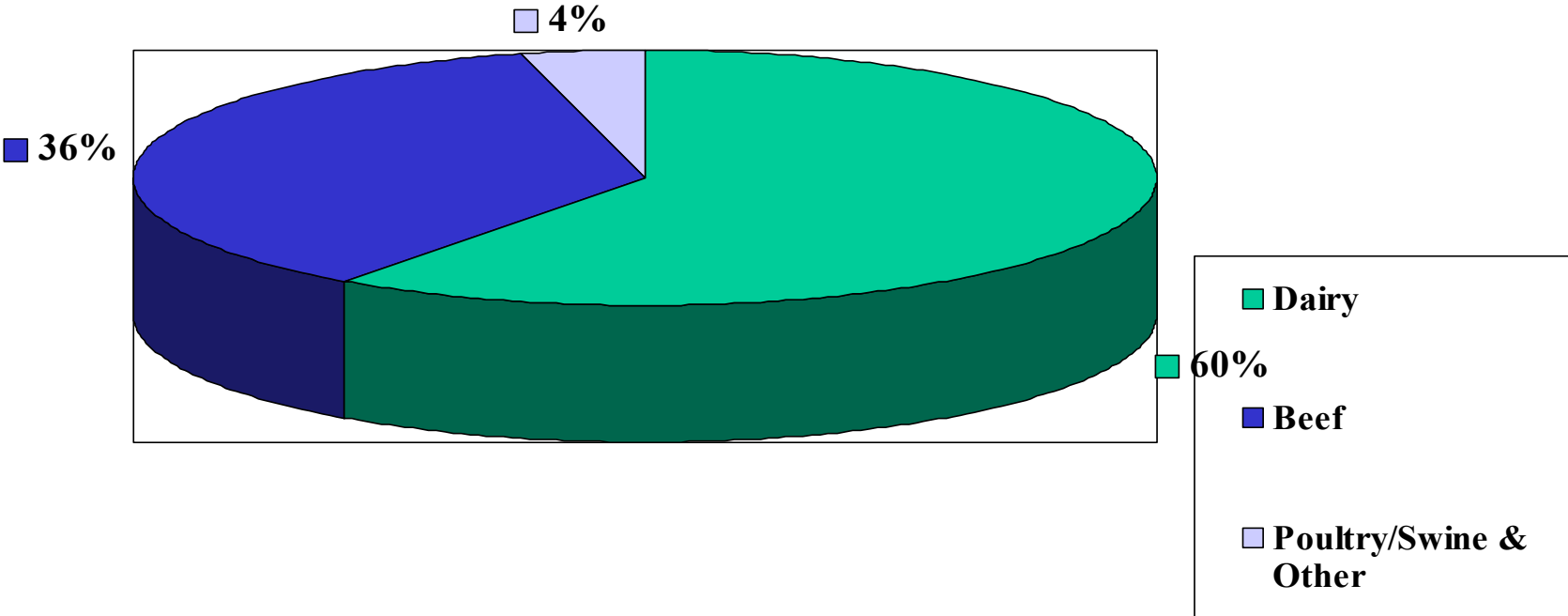
# U.S. Corn Usage for Fuel Production



Prepared for Commodity Specialists by R.J. O'Brien



# NORTH AMERICAN DDGS CONSUMPTION





- 
- **HIGH PROTEIN 25% TO 28%**
  - **HIGH BY-PASS PROTEIN**
  - **VERY PALATABLE**
  - **HIGH FAT 8% TO 12%**
  - **SPENT YEAST**



## **POULTRY AND SWINE**



***HIGH ENERGY 8% TO 12% FAT  
NEW GENERATION GOLDEN DDGS IS  
SIGNIFICANTLY MORE DIGESTIBLE  
THAN DARKER DDGS  
MAY REDUCE ODOR  
MAY REDUCE GUT HEALTH PROBLEM***





**[www.ddgs.umn.edu](http://www.ddgs.umn.edu)**