

Dr. Robert A. Patton, PhD
Professional Dairy Nutritionist
Nittany Dairy Nutrition, Inc



Overview

Dr. Patton's primary passion is the dairy cow. After graduating from Penn State University with a Master's Degree, Dr. Patton farmed for 16 years in the Nittany Valley region of central Pennsylvania. Upon conclusion of his time as a dairy farmer, he moved on to extension work at Cornell University before obtaining his doctorate from Michigan State. After a few years working for Monsanto, Dr. Patton began his career as an independent dairy nutritionist – a career that continues today as head of Nittany Dairy Nutrition.

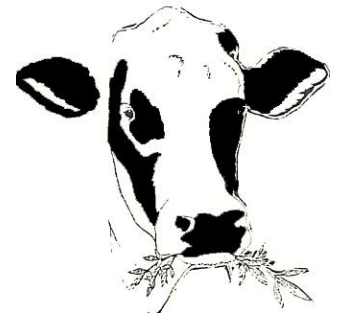
Personal

Born May 26, 1945, in Buffalo, New York. Married to Judith C. Patton, 4 children, 8 grandchildren

Education

Bachelor of Science in Dairy Production, Penn State University, 1968
Master of Science in Ruminant Nutrition, Penn State, 1971
Ph.D. in Animal Science, Michigan State University, 1989

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Experience

Dairy Farmer, Nittany, Pennsylvania, 1969-1985 (owned and operated 60-cow dairy farm including raising crops for feed)

Dairy Herd Management Instructor, Williamsport Area Community College, Pennsylvania, 1983-85 (designed and taught a one-year course in practical dairy management including hands-on instruction using a state-owned dairy herd)

Cornell University Extension Program Leader & Tri-County Dairy Specialist, Madison County, New York, 1985-86 (worked with all types of farmers doing on-farm visits as well as educational programs and bulletins in all phases of farm management)

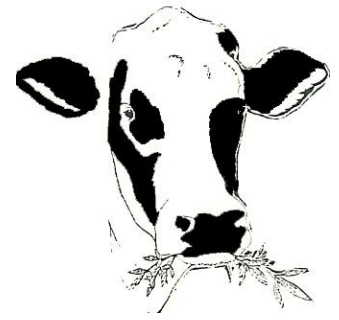
Michigan State University Dairy Nutrition State Extension Specialist, 1986-89 (conducted educational training for county extension agents, farmers and veterinarians in all phases of dairy management; developed a ration software program; assisted with solving on-farm problems; wrote educational bulletins)

Technical Specialist, Monsanto Ag Company, Animal Science Division, 1989-92 (conducted field trials on the effect of using bovine somatotropin to increase milk production efficiency, including analyzing data from the trials; conducted educational programs on bovine somatotropin in the pre-approval period; worked with Monsanto Mexico personnel to launch bovine somatotropin use in Mexico performing on-farm visitations and meeting presentations)

Product Manager, Degussa Corporation, Feed Division, 1995 (conducted field trials using Mepron, a methionine additive, to increase milk production efficiency, including analyzing data from the trials; provided technical support for sales; developed software for balancing rations for amino acids)

Independent Dairy Nutrition and Management Consultant since July, 1992 - provided technical support and on-farm consultations and conducted field trials for companies, such as Kalmbach Feeds, Monsanto Mexico, Ganaderos Asociados de Queretaro, Degussa Corporation (now Evonik Industries), West Central Soy, Mill Tech in South Korea and Japan, Karluis Trading in Mexico, BestFed Chile, BestFed Australia); on-farm consultations for individual farmers

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Recognitions

Outstanding Senior, College of Agriculture and Dairy Science, Penn State University, 1968
Ralston-Purina Graduate Fellowship Award, 1968
Outstanding Cooperator Conservation Award, Centre County, PA, 1979
Monsanto Achievement Award, 1990
Penn State Dairymen's Club Service Award, 1990

Author

Software Programs: AminoCow Mepron Ration Evaluator®, co-author of Spartan Ration Evaluator I®, and NittanyCow Dairy Ration Evaluator™

Book Chapter: in Bovine Somatotropin & Emerging Issues, edited by Milton C. Hallberg, Westview Press, Boulder, CO, 1992, pgs. 7 -98 – “Management of BST-Supplemented Cows” (co-author, C.W. Heald)