**Danielle Byrne**

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**Career Summary:**

A well-rounded agronomist with an experience of 7+ years with a strong background in soil-testing and different crop cultivation techniques. Ability to supervise work in different climatic conditions, and excellent communication skills.

**Summary of Skills:**

* Comprehensive knowledge about farming, crop cultivation techniques, breeding animals and livestock
* Sound knowledge about crop protection aspects and chemical fertilizers
* Ability to suggest methods to protect crop from climate change and develop a sustainable farming production
* Capable of recommending crop production techniques to maximize sales potential
* Ability to execute plans to ensure high value farming products
* Maintain a large customer base by continuously working on their feedback
* Able to supervise and maintain a record of food supply chain management
* Risk-taker, quick decision-maker and leadership skills

**Work Experience:**

Chief Agronomist

Bayer Feeds Farm, New Berlin, Wisconsin

March 2016 – Present

* Examining results of cross-breeding in livestock to understand the percentage of increased production for dairy products
* Preparing reports on field conditions to enhance various characteristics like soil quality, yield quality, crops resistant to pests and diseases
* Developing sell sheets for season pass on farm's top selling products, cotton, tobacco, and corn
* Holding farmer and dealers meetings to decide a base price for the farming products
* Addressing to customer concerns and making a report on the feedback

Agronomist

Bayer Feeds Farm, New Berlin, Wisconsin

February 2013 – February 2016

* Monitored crop production in various farms to identify the best methods of cultivation, harvesting, and discovered the effects of climatic conditions on crops
* Developed new methods to control weeds, crop diseases, and pests
* Delivered lectures on best management practices for cotton producers, and farming techniques to develop a sustainable cropping system
* Evaluated soil characteristics and suggested ways to maintain its quality to get better yields
* Conducted various chemical experiments on plants in field and greenhouses
* Trained field workers on safety practices while handling strong pesticides and fertilizers

Plant Protection Section Head

Maple Horticultural Nursery, New Berlin, Wisconsin

August 2011 – January 2013

* Supervised different activities carried out in nursery and trained new recruits for identifying crop diseases and insects
* Initiated hybrid plants and experimented with varieties of plants like roses, tulip,s to increase sale of gardening products
* Analyzed soil samples, leaf tissues from different farms in labs and recommended appropriate use of pesticides and manual fertilizers
* Undertook different trials for protection of plants from pests, insects
* Assisted in cultivating the best quality seedlings in the nursery and designed its commercial marketing plans

Research Consultant

Robbi Farms, Madison, WS

March 2010 - July 2011

* Designed multiple greenhouse structures for growing saplings and high quality crops
* Studied client farming locations and prepared soil report on them
* Suggested appropriate crops to be cultivated as per climatic conditions and supervised the use of fertilizers to maintain the quality of soil
* Developed a fertilizer program for crops like soyabean, and corn, and proposed a herbicide to the supervisor for mass production
* Assisted farmers to select the best seeds at reasonable prices
* Gave seminars on tending livestock to ensure their best health

**Education:**

* Master's Degree in Soil Science   
  University of Wisconsin, Madison, WS  
  2010
* Bachelor's Degree in Agronomy   
  Columbia University, New York   
  2008

**Affiliations:**

* American National Society of Agronomists – Member since 2012   
  Soil and Crop Science Society of Wisconsin – Member since 2014

**Reference:**

On request.