

CURRICULUM VITAE

NAME

Berrada, Abdelfettah

ADDRESS

Office

PHONE

(970) 562-4255

EDUCATION

1983 Ph D, U NEBRASKA

1976 MS, IAV MOROCCO

1975 INA Paris-Grignon

1974 BS, IAV MOROCCO

OTHER POSITIONS

2011 - Present Senior Research Scientist/Manager, Colorado State University, Southwestern Colorado Research Center.

2008 - 2010 Research Scientist/Manager, Colorado State University, Southwestern Colorado Research Center.

2004 - 2008 Research Scientist, Colorado State University, Arkansas Valley Research Center.

1993 - 2003 Research Scientist & Superintendent, Colorado State University, Southwestern Colorado Research Center.

1992 - 1993 Visiting Scientist/Research Associate, University of Nebraska-Lincoln.

1986 - 1992 Visiting Assistant Professor and Research Agronomist, Purdue University.

1985 - 1986 Research Agronomist, Servi-Tech, Inc.

1983 - 1985 Senior Agronomist, Morocco National Institute of Agronomic Research.

1976 - 1979 Head, Office of Dryland Farming Research & Outreach, Moroccan Ministry of Agriculture and Agrarian Reform.

Director

PUBLISHED WORKS

Refereed Journal Articles

Adaptability of Irrigated Spring Canola Oil Production to the US High Plains. *Industrial Crops and Products*, 33, 165-169.

Manure and nitrogen fertilizer effects on corn productivity and soil fertility under drip and furrow irrigation. *Archives of Agronomy and Soil Science*, 58(12), 1329-1347.

Popping and Yield Characteristics of Nuña Bean Lines Developed for Temperate Climates. *Agron J*, 104, 1574-1578.

Registration of 'Riley' Winter Canola. *Journal of Plant Registrations*, 6(3).

Non-Refereed Proceedings or Transactions

Berrada, A., Schneekloth, J. *Response of sunflower to deficit irrigation*. Falls Church, VA: Irrigation Association.

Berrada, A., Schneekloth, J. *Response of Sunflower to deficit irrigation application timing and N rate*. National Sunflower Association.

2008 *Arkansas Valley Research Center Reports*. Agric Exp Sta Tech Rep TR10-13, Colorado State Univ, Ft Collins, CO.

A brief history of the Southwestern Colorado Research Center (pp. 5–6). Agric Exp Sta Tech Rep TR12-7, Colorado State Univ, Ft Collins, CO.

A brief history of the Southwestern Colorado Research Center (pp. 1–2). Agric Exp Sta Tech Rep TR11-04, Colorado State Univ, Ft Collins, CO.

A brief history of the Southwestern Colorado Research Center (pp. 3-Jan). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Alfalfa Irrigation Water Management (pp. 127-134). Chapter 15, CH Pearson, JE Brummer, Bob Hammon, and ML Franklin (ed), Intermountain Grass and Legume Forage Production Manual, 2nd Edition, Agric Exp Sta & Ext Tech Bull TB11-02, Colorado State Univ, Ft Collins, CO.

Alfalfa reference ET from a weighing lysimeter and estimates from the ASCE Standardized Reference ET Equation in the Arkansas Valley of Colorado (pp. 9-Jan). Steve Starrett (ed) World Environmental and Water Resources Congress: Great Rivers Proceedings of World Environmental and Water Resources Congress 2009 May 17-21, Kansas City, Missouri.

Alfalfa Variety Performance Test at Rocky Ford 2008 (pp. 1). Agric Exp Sta Tech Rep TR10-13, Colorado State Univ, Ft Collins, CO.

Alfalfa Variety Performance Test at Rocky Ford- 2009 (pp. 3-Feb). Arkansas Valley Research Center 2009 Reports Colorado State Univ Agric Exp Sta TR 12-5 January.

Arkansas Valley Research Center 2007 Reports. Agric Exp Sta Tech Rep TR09-12, Colorado State Univ, Ft Collins, CO.

Assessment of drip irrigation in Morocco. Proceedings of the 2009 Innovations in Irrigation Conference (CD) Irrigation Show 2009, Dec 2-4, 2009, San Antonio, TX Irrigation Association, Falls Church, VA.

Assessment of drip irrigation in Morocco with particular emphasis on the Plain of Tadla. Agric Exp Sta Limited Technical Bulletin LTB09-01, Colorado State Univ, Ft Collins, CO.

Boosting Sunflower Production in SW Colorado with Supplemental Irrigation—2010 Results (pp. 32–34). Agric Exp Sta Tech Rep TR11-04, Colorado State Univ, Ft Collins, CO.

- Boosting sunflower production in SW Colorado with supplemental irrigation—2011 Result summary* (pp. 38–44). Agric Exp Sta TechRep TR12-7, Colorado State Univ, Ft Collins, CO.
- Camelina research at Yellow Jacket in 2008 and 2009* (pp. 81-86). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.
- Center has roots in area* (pp. 10A). Cortez Journal, Guest Column, 20 August.
- Corn as a nitrogen scavengercrop following onion in rotation* (pp. 8–13). Agric Exp Sta Tech Rep TR10-13, ColoradoState Univ, Ft Collins, CO.
- Determination of Consumptive Water Use by Alfalfain the Arkansas Valley (2008-2009 Progress Report)*.
- Direct Determination of Crop Evapotranspiration in the Arkansas Valley with a Weighing Lysimeter*. Final project 5-30205 reportsubmitted to the Colorado Water Institute onAugust 21.
- Dryland camelina planting date study* (pp. 37). Agric Exp Sta Tech RepTR12-7, Colorado State Univ, Ft Collins, CO.
- Dryland drybean variety performance at Yellow Jacket, CO* (pp. 16-17). Agric Exp Sta Tech Rep TR12-7,Colorado State Univ, Ft Collins, CO.
- Dryland safflowervariety performance trials at Yellow Jacket, CO*. Agric Exp Sta Tech Rep TR10-06,Colorado State Univ, Ft Collins, CO.
- Dryland sunflower variety trials* (pp. 50-53). Agric Exp Sta Tech RepTR12-7, Colorado State Univ, Ft Collins, CO.
- Dryland winter wheat varietyperformance trials at Yellow Jacket, CO* (pp. 22-31). Agric Exp Sta Tech Rep TR10-06, ColoradoState Univ, Ft Collins, CO.
- Effects of Two Years ofManure and Nitrogen Fertilizer Application on CornYield, N and P Uptake, and Soil N and P Testsunder Drip and Furrow Irrigation* (pp. 11-Jun). Mbartolo and A Berrada (ed) Arkansas ValleyResearch Center 2007 Reports, Colorado StateUniversity AES Tech Rep TR09-12.
- Evaluation of dryland croprotations that include sunflower* (pp. 24–28). Agric Exp Sta Tech Rep TR12-7, ColoradoState Univ, Ft Collins, CO.
- Evaluation of spring camelina* (pp. 34–36). AgricExp Sta Tech Rep TR12-7, Colorado StateUniv, Ft Collins, CO.
- Evaluation of Sunflower in Dryland Crop Rotations—2010 Results* (pp. 35). Agric Exp Sta Tech Rep TR11-04, Colorado State Univ, Ft Collins, CO.
- Evaluation of Sunflower in Dryland Crop Rotations—2010 Results* (pp. 35). Agric Exp Sta Tech Rep TR11-04, Colorado State Univ, Ft Collins, CO.
- Field Crops Variety Performance Trials* (pp. 10–31). Agric Exp Sta Tech Rep TR11-04, Colorado State Univ, Ft Collins, CO.
- Grain Cereals: Introduction* (pp. 18-21). Agric Exp Sta Tech Rep TR10-06,Colorado State Univ, Ft Collins, CO.
- Grain legumes: Dry bean research at the Southwestern Colorado Research Center* (pp. 87-94). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Irrigated spring wheat variety performance trials (pp. 54–56). Agric Exp Sta Tech Rep TR12-7, Colorado State Univ, Ft Collins, CO.

Irrigated Winter Canola Variety Performance Trial at Rocky Ford 2007-08 (pp. 4-Mar). Agric Exp Sta Tech Rep TR10-13, Colorado State Univ, Ft Collins, CO.

Making Better Decisions, 2011 Colorado Sunflower Performance Trials. Colorado State Univ Agric Exp Sta Tech Rep TR 11-08.

Making Better Decisions, 2012 Colorado Sunflower Performance Trials. Colorado State Univ Agric Exp Sta Technical Report TR 12-14 December.

National winter canola variety performance trial (pp. 31–33). Agric Exp Sta Tech Rep TR12-7, Colorado State Univ, Ft Collins, CO.

National winter canola variety trials at Yellow Jacket, CO. Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Nitrogen effects on onion yield under drip and furrow irrigation (pp. 16-34). Agric Exp Sta Tech Rep TR09-12, Colorado State Univ, Ft Collins, CO.

Oilseed crops--Introduction (pp. 29–30). Agric Exp Sta Tech Rep TR12-7, Colorado State Univ, Ft Collins, CO.

Oilseed crops: Introduction (pp. 39-47). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Berrada, A. *Opportunities and challenges for oilseed crops in SW Colorado*. National Association of County Agricultural Agents.

Performance of the ASCE alfalfa reference ET from a weighing lysimeter and estimates from the ASCE Standardized Reference ET Equation in the Arkansas Valley of Colorado. World Environment & Water Resources Congress, 17–21 May 2009, Kansas City, MO EWRI & ASCE.

Results of the 2006 and 2007 Field Crop Variety Performance Trial (pp. 5-Jan). M Bartolo and A Berrada (ed) Arkansas Valley Research Center 2007 Reports, Agric Exp Sta Tech Rep TR09-12, Colorado State Univ, Ft Collins, CO.

Soil and climate at the Southwestern Colorado Research Center (pp. 7–9). Agric Exp Sta Tech Rep TR11-04, Colorado State Univ, Ft Collins, CO.

Soil and Climate at the Southwestern Colorado Research Center (pp. 5-Apr). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Southwestern Colorado Research Center 2005-2009 Research Results. Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Southwestern Colorado Research Center 2011 Research Report. Agricultural Experiment Station Technical Report TR12-7, Colorado State University, Ft Collins, CO.

Southwestern Colorado Research Center 2010 Research Report. Agric Exp Sta Tech Rep TR11-04, Colorado State Univ, Ft Collins, CO.

Spring canola irrigation trial at Yellow Jacket, CO (pp. 79-80). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Spring canola variety trials at Yellow Jacket, CO (pp. 75-78). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Summary of the main results (pp. 13–15). Agric Exp Sta Tech Rep TR12-7, Colorado State Univ, Ft Collins, CO.

Sunflower planting date by seeding rate by hybrid trial at Yellow Jacket, CO (pp. 61-63). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

Sunflower variety performance trials at Yellow Jacket, CO (pp. 48-60). Agric Exp Sta Tech Rep TR10-06, Colorado State Univ, Ft Collins, CO.

The effects of row configuration and seeding rate on four dry bean varieties (pp. 19–23). Agric Exp Sta Tech Rep TR12-7, Colorado State Univ, Ft Collins, CO.

The effects of two years of manure application on corn yield and soil salinity. Western Regional Cooperative Soil Survey, Western Society of Soil Science/Western Society of Crop Science Joint Conference, 21-24 June 2010, Las Vegas, NV.

The Southwestern Colorado Research Center: An Ag Research Center to meet local needs. Dove Creek Press (8/25/11); Dolores Star.

Tools and Management Practices to Conserve Water and Nitrogen Fertilizer in the Arkansas River Valley of Southeastern Colorado (pp. 45-55). Agric Exp Sta Tech Rep TR10-13, Colorado State Univ, Ft Collins, CO.

Wheat variety trials (pp. 57–64). Agric Exp Sta Tech Rep TR12-7, Colorado State Univ, Ft Collins, CO.

Winter wheat variety trial (pp. 2). Agric Exp Sta Tech Rep TR10-13, Colorado State Univ, Ft Collins, CO.

AES Report/Bulletin

Berrada, A., Schneekloth, J. Boosting Sunflower Production in SW Colorado with Supplemental Irrigation: 2012 Result Summary. In A. Berrada (Ed.), *Article in a Technical Report* (TR13-8 ed., pp. 28-33). Colorado Agricultural Experiment Station.

Berrada, A., Reich, D. Evaluation of Corn Hybrids for Drought Tolerance. In A. Berrada (Ed.), *Article in a Technical Report* (TR13-8 ed., pp. 15-22). Colorado Agricultural Experiment Station.

Berrada, A. In A. Berrada (Ed.), *Southwestern Colorado Research Center—2012 Results* (TR13-8 ed.). Colorado Agricultural Experiment Station.

Hooten, T., Dillivan, K., Fernandez, D., Berrada, A. Yellow Jacket Fruit Tree Research and Demonstration Project: 2012 Report. In A. Berrada (Ed.), *Article in a Technical Report* (TR13-8 ed., pp. 34-40). Colorado Agricultural Experiment Station.

Berrada, A. (in press). *Southwestern Colorado Research Center 2013 Results*. Agricultural Experiment Station Technical Report TR14-13. Colorado State University.

Abstract

Berrada, A. *Review of sunflower water management research*. Western Society of Crop Science.

Agricultural Experiment Station Technical Report

Berrada, A., Dillivan, K., Hammon, R. *Evaluation of dryland crop rotations that include sunflower* (pp. 25–27). Agric Exp Sta Tech Rep TR13-8, Colorado State Univ, Ft Collins, CO.

Newsletter

Jones, L., Brummer, J. E., Pearson, C. H., Berrada, A. In Calvin H. Pearson (Ed.), *Agronomic responses to partial and full season fallowing of alfalfa and grass hayfields* (Winter 2013 ed., pp. 2). Colorado State University.

Jones, L., Brummer, J. E., Pearson, C. H., Berrada, A. (2013). *Agronomic responses to partial and full season fallowing of alfalfa and grass hayfields* (vol. Winter, pp. 2). Fort Collins, CO: Western PhytoWorks (Calvin H. Pearson, ed.). Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

December 17, 2014, "2014 Research Center Highlights", Board Meeting, Dove Creek Conservation District, Dove Creek, CO.

November 12, 2014, "Research Highlights in SW Colorado", Lunch Seminar, Department of Soil & Crop Sciences, (Presenter) Berrada, A., Fort Collins, CO.

November 7, 2014, "Agronomic Responses to Partial and Full Season Fallowing of Alfalfa and Grass Hayfields", CWI Advisory Board Meeting, Colorado Water Institute, (Presenter) Brummer, J. E., Denver, Colorado.

November 3, 2014, "Challenges and Opportunities of Dryland Farming in the Colorado Plateau", ASA-CSSA-SSSA Annual Meetings, American Society of Agronomy, Long Beach, CA, peer-reviewed/refereed.

June 24, 2014, "Challenges and opportunities of dryland farming in the 4-Corners Area", Enhancing Dryland Farming with the Integration of Forages & Grazing, CSU/CAS/AES/Southwestern Colorado Research Center and Dolores and Montezuma Extension, (Presenter) Berrada, A., Dove Creek, CO.

February 12, 2014, "Highlights of the 2013 Season", Southwestern Colorado Research Center Annual Advisory Committee Meeting, CSU/CAS/AES/Southwestern Colorado Research Center, (Presenter) Berrada, A., Pleasant View, CO.

January 8, 2014, "Update of sunflower research in Southwest Colorado", National Sunflower Association Research Forum, National Sunflower Association, (Presenter) Schneckloth, J., Fargo, ND.

December 9, 2013, "Research Center Update", Board Meeting, Southwestern Water Conservation District, Durango, CO.

November 6, 2013, "Response of Sunflower to Deficit Irrigation", 2013 Irrigation Show and Education Conference, Irrigation Association, Austin, TX, peer-reviewed/refereed.

October 10, 2013, "Opportunities & Challenges for Oilseed Crops in SW Colorado", National Association of Ag Extension Agents/Western Improvement Conference, Fort Collins, CO, peer-reviewed/refereed.

June 11, 2013, "Review of Sunflower Water Management Research", Western Society of Crop Science Annual Meeting, Western Society of Crop Science, Pendleton, OR, peer-reviewed/refereed.

April 4, 2013, "Research Center Research Update", Board Meeting, Southwestern Water Conservation District, Durango, CO.

February 1, 2013, "Highlights of the 2012 Season", Southwestern Colorado Research Center Annual Advisory Committee Meeting, CSU/CAS/AES/Southwestern Colorado Research Center, (Presenter) Berrada, A., Pleasant View, CO.

January 8, 2013, "Response of sunflower to deficit irrigation, N rate, and crop rotation", National Sunflower Association Research Forum, National Sunflower Association, (Presenter) Schneekloth, J., Fargo, ND, peer-reviewed/refereed.

2012, "Crop testing results at Yellow Jacket, CO".

2012, "Research on oilseed crops in SW Colorado".

2012, "Response of Sunflower to Irrigation Application Timing and N Rate".

January 31, 2012, "Research Center Accomplishments and Future Plans", Southwestern Colorado Research Center Annual Advisory Committee Meeting, CSU/CAS/AES/Southwestern Colorado Research Center, (Presenter) Berrada, A., Pleasant View, CO.

December 12, 2011, "Research & Outreach at the Southwestern Colorado Research Center", Montezuma Valley Irrigation Company Stockholder Meeting, Montezuma Valley Irrigation Company, (Presenter) Berrada, A., Lewis-Arriola Community Center north of Cortez, CO.

December 6, 2011, "Research Center Update", Board Meeting, Southwestern Colorado Water Conservation District, (Presenter) Berrada, A., Durango, CO.

November 9, 2011, "Performance of oilseedcrops in SW Colorado", Extension Forum, Colorado State University Extension, (Presenter) Berrada, A., Fort Collins, CO.

June 21, 2011, "Adaptation of oilseedcrops in Southwestern Colorado," Western Society of Crop Science & Western Society of Soil Science, ASA & SSSA, (Presenter) Berrada, A., Laramie, WY.

April 1, 2011, "The Southwestern Colorado Research Center--Mission & Accomplishments", 29th Annual Water Seminar, Southwestern Colorado Water Conservation District, (Presenter) Berrada, A., Durango, CO.

February 15, 2011, "The Southwestern Colorado Research Center: Mission & Accomplishments", Board Meeting, Dove Creek Chamber of Commerce, (Presenter) Berrada, A., Dove Creek, CO.

January 12, 2011, "Preliminary results of sunflower research in SW Colorado", National Sunflower Association Research Forum, National Sunflower Association, (Presenter) Berrada, A., Fargo, ND.

January 10, 2011, "Viability of sunflower production in SW Colorado", Retreat, Department of Soil & Crop Sciences, (Presenter) Berrada, A., Fort Collins, CO.

2010, "Research Center Accomplishments and Future Plans. Presentation given at the Southwestern Colorado Research Center Advisory Committee Meeting on 15 Dec. 2010."

2010, "Sunflower research results. Presentation given at a growers' meeting in Dove Creek, CO on 16 March 2010."

2010, "The effects of two years of manure application on corn yield and soil salinity".

December 6, 2010, "Update of the research center activities. Presentation given at the Southwestern Water Conservation District Board Meeting in Durango, CO on 6 December 2010.", (Presenter) Berrada, A., Durango, CO.

OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD

(1996). Qualified Supervisor.

(1993). Certified Professional Soil Scientist.

COMMITTEES

Manager of the Southwestern Colorado Research Center.

Manager of the Southwestern Colorado Research Center.

Manager of the Southwestern Colorado Research Center.

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

American Society of Agronomy.

Soil Science Society of America.

American Society of Agronomy, Online, CO.

Member, American Society of Agronomy.

Archives of Agronomy and Soil Science.

Assisted Dolores and Montezuma Extension with the U-Pick fruit day. Approximately 500 people attended.

Assisted Dolores and Montezuma Extension with the U-Pick fruit day. Over 500 people attended.

Assisted Dolores and Montezuma Extension with the U-Pick fruit day. Over 600 people attended.

CAES Technical Reports.

CAES Technical Reports and Bulletins.

Reviewer, Ad Hoc Reviewer, California Department of Food and Agriculture/Fertilizer Research and Education Program.

Colorado State University, Fort Collins, CO.

Colorado State University, Fort Collins, CO.

Colorado State University Extension, CO.

CSU Extension, Yellow Jacket, CO.

CSU-SWCRC, Cortez, CO.

Dolores County Extension, Dove Creek, CO.

Dove Creek Chamber of Commerce, Dove Creek, CO.

Gave tours of the Research Center or specific projects to numerous visitors throughout 2011.

Hosted approximately 30 students and their sponsors from the Monument Valley Mission School on 12 October 2011.

Hosted CSU's Provost on 3 March 2011.

Hosted five students from Ft. Lewis College on 07/10/12.

Hosted the Pleasant View elementary school students, teachers, and some parents on 09/26/12. Gave them a tour of the orchard and an overview of our research and outreach activities.

Manager of the Southwestern Colorado Research Center.

Montezuma Valley Irrigation Company, Cortez, CO.

National Sunflower Association, Fargo, ND.

National Sunflower Association, Fargo, ND.

NMSU Ag Science Center, Farmington, NM.

NMSU and CSU, Farmington, NM.

Organized a Field Day at the Research Center on 25 August 2011. Approximately 66 people attended.

Organized the annual advisory board meeting for the research center on 01/31/12. The turnout (36 were in

attendance), program, and participation were excellent.

Organized the Renewable Energy Workshop on 02/06/12. The workshop went well. Approximately 45 people attended despite the snow.

Reviewer, Ad Hoc Reviewer, Pesquisa Agropecuária Tropical (PAT - <http://www.agro.ufg.br/pat>).

Precision Agriculture.

Presented the results of crop testing at the growers information meeting in Dove Creek, CO on 03/29/12.

Member, Soil Science Society of America.

Southwestern Colorado Research Center (CSU), Yellow Jacket, CO.

SW Colorado Water Conservation District, Durango, CO.

SW Colorado Water Conservation District, Durango, CO.

SW Colorado Water Conservation District, Durango, CO.

USDA-NRCS Dolores Conservation District, Cortez, CO.

USDA-NRCS Dolores Conservation District, Cortez, CO.

Western Colorado Soil District and CSU Extension (John Rizza).

Western Society of Crop Science and Western Society of Soil Science, Laramie, WY.

Reviewer, Book, Fellow scientist. (October 11, 2013 - Present).

Reviewer, Journal Article, Archives of Agronomy and Soil Science. (April 30, 2013 - Present).

Reviewer, Journal Article, GEODERMA. (April 4, 2013 - Present).

Reviewer, Journal Article, African Journal of Agricultural Research. (February 5, 2013 - Present).

Reviewer, Journal Article, Archives of Agronomy and Soil Science. (January 14, 2013 - Present).

Reviewer, Grant Proposal, Western Sustainable Research & Education. (November 14, 2013 - November 22, 2013).

OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH

Reviewed a Technical Bulletin by Ken Barbarick et al., Colorado Agricultural Experiment Station Technical Bulletin. (October 15, 2013 - Present).

Reviewed a Technical Bulletin by Neil Hanson et al., Colorado Agricultural Experiment Station Technical Bulletin. (February 15, 2013 - Present).
