2024 Actual Crop Cost and Return Estimates, Rio Arriba County Sprinkler Irrigation Farm

Don Martinez, Rio Arriba Agricultural Extension Agent, Pilja Vitale,

Extension Economist, and Madhav Regmi, Associate Professor

Cost and return estimates for the crops in the Rio Arriba County Sprinkler irrigation are presented in this report. These estimates were gathered from a panel of local producers, state and federal agencies, and other input industries in crop production. They are estimates for a representative farm with above-average management. These estimates will not fit any particular farm and should be adjusted to match individual businesses and operating conditions. We thank those individuals who provided data to make this report complete.

The representative farm contains 23 acres of sprinkler-irrigated land in Rio Arriba County. The crops grown are:

Alfalfa Establishment
Alfalfa

Primary Information Tables

Table 1 Acreage Summary

Table 2 lists the basic cost assumptions for primary inputs.

Table 3 shows overhead cost information for Rio Arriba County.

Table 5 lists Equipment Summary

Individual Crop Estimates

Tables 6 through 7 are the cost and return estimates for the individual crops. Definitions are explained on the link to understanding the NMSU enterprise budget on this website.

Summaries

Table 8 is a side-by-side summary of the individual crop estimates. Table 9 pulls together all the individual estimates into a whole-farm summary.

Further Explanation and Input Source reference

Input data sources other than producers and local input vendors: Interest rate referred to American Agcredit, and part of energy prices referred to https://www.eia.gov/outlooks/steo/ (short-term energy outlook).

Contact the Extension Economist at NMSU for a complete list of available crop cost and return estimates.

Released: January 2026