

2017 Projected Crop Cost and Return Estimates, Quay County

Arch/Hurley Conservancy District Flood - Irrigated Farms

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Cost and return estimates for flood - irrigated and a beef cow herd in the Arch/Hurley Conservancy District of Quay County are presented in this report. These estimates were gathered from a panel of local producers, state and federal agency personnel, and others interested 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.

The representative farm contains 640 acres and 261 beef cows. The crops grown are:

- Alfalfa
- Wheat
- Grain Sorghum
- Bermuda Pasture
- Jose Wheatgrass Pasture

Primary Information Tables

Table 1 lists the basic cost assumptions for primary inputs. Table 1a shows the overhead costs for the entire farm.

Table 2a shows the machinery complement for this representative farm. It also lists the hours of annual use, number, current market value and associated costs for each item. All machinery is assumed to be used; large tractor units are approximately one to seven years old; small tractor units average about 15 to 20 years of age; tillage, irrigation and miscellaneous equipment is seven years old on

average; and harvest and planting equipment and trucks were assumed to be about five years old.

Table 2b shows the capital investment in livestock and livestock facilities, including livestock numbers by class, per-unit values and total values.

Table 3a through 3d list livestock production parameters, forage sources, forage demand by season, and forage use by season.

Individual Crop Estimates

Tables 4 through 12 are the cost and return estimates for the individual crops and the livestock herd. Definitions and methods are explained on the back side of this page.

Summaries

Table 13 is a side-by-side summary of the individual crop estimates. Table 14 pulls together all of the individual estimates into a whole-farm summary.

Further Explanation and Other Estimates

The final two pages of this report provide a glossary of the terms used and a few ideas about how to modify these budgets to better fit your farm.

Contact your County Extension Agent or an Extension Farm Management Specialist at NMSU for a complete list of available crop cost and return estimates.

Released: January 2017