

BULLETIN NO. 290

Dhananjayrao Gadgil Library



GIPE-PUNE-048017

JUNE, 1934

An Analysis of Agriculture on the Milk River Irrigation Project

BY

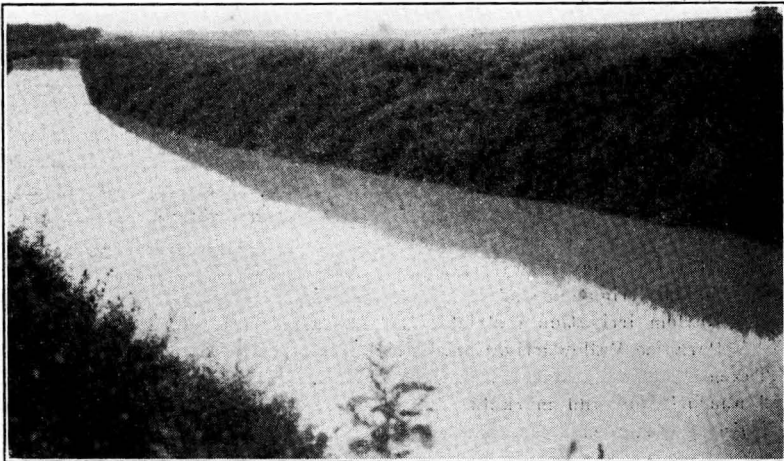
P. L. SLAGSVOLD

DEPARTMENT OF AGRICULTURAL ECONOMICS
AGRICULTURAL EXPERIMENT STATION

AND

G. H. BINGHAM

ASSOCIATE EXTENSION AGENT
MILK RIVER PROJECT



MONTANA STATE COLLEGE
AGRICULTURAL EXPERIMENT STATION
BOZEMAN, MONTANA



CONTENTS

	Page
Section I.—Introduction	5
Sources of data	5
History and development of the Milk River irrigation project.....	6
St. Mary storage	7
Chinook division	8
Malta and Glasgow divisions	9
Section II.—Physical and economic resources	10
Climatic factors	10
Rainfall	10
Temperature and growing season	11
Winds and hail	12
Topography and soil	12
Topography	12
Soil	13
Water supply and irrigation	18
Drainage	20
Maintenance and operation	22
Malta and Glasgow divisions	22
Chinook division	24
Construction charges	26
Malta and Glasgow divisions	26
Chinook division	27
Financial condition of the Milk River irrigation districts.....	28
Fort Belknap irrigation district	28
Alfalfa Valley district	28
Zurich irrigation district	29
Harlem irrigation district	30
Paradise Valley irrigation district	31
Taxes	31
Transportation and markets	32
Natural resources	33

X-0-731-16111
1

CONTENTS (Continued)

	Page
Section III.—Land utilization and farming practices	34
Acreages of leading crops	34
Crop yields	35
Livestock on the Milk River project	36
Land tenure	37
Crop and livestock combinations on the Milk River project.....	38
Farm analysis for 1926	39
Malta division	39
Glasgow division	42
Chinook division	44
Crop and livestock combinations on the Milk River project, 1930.....	47
Glasgow division	48
Malta division—Saco part	50
Malta division—Dodson part	52
Chinook division	56
Crop and livestock combinations in 1933	64
Glasgow division	64
Malta division—Saco part	64
Malta division—Dodson part	65
Chinook division—Alfalfa Valley	65
Chinook division—Fort Belknap	65
Chinook division—Harlem	65
Chinook division—Paradise Valley	65
Chinook division—Zurich	66
Summary	66
Section IV.—Recommended farming practices for the Milk River project.....	72
Budgeting method of planning a farm business	73
Anticipated income	76
Anticipated expenses	76
Conclusion	79

48017