








CHIPPEWA RIVER STUDY AREA

SCENARIO B: BEST MANAGEMENT PRACTICES

LAND USE AND COVER




Acres	Description
35,938	 Cultivated Land (81%) 3,673 in-program acres 32,265 non-program acres
1,573	 Development (3%)
3,615	 Grassland (8%) 487 in-program acres 3,128 non-program acres
2,667	 Grassland-Shrub-Tree, Forest (6%)
5	 Sand, Gravel or Unclassified (0%)
266	 Water (1%)
381	 Wetlands (1%) 86 in-program acres 295 non-program acres

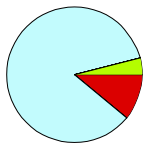
Conversion of Cultivated Land to:

 100 Foot Grassed Stream Buffer 879 acres

Distribution of Crops with Tillage Practices on Cultivated Land

Conservation Tillage (CT)
 Conventional Tillage (CN)

Acres	Crop and Tillage
1,301	 Small Grain/Alfalfa Hay CT
27,373	 Corn-Soybean CT
3,591	 Corn-Sugar Beets CN

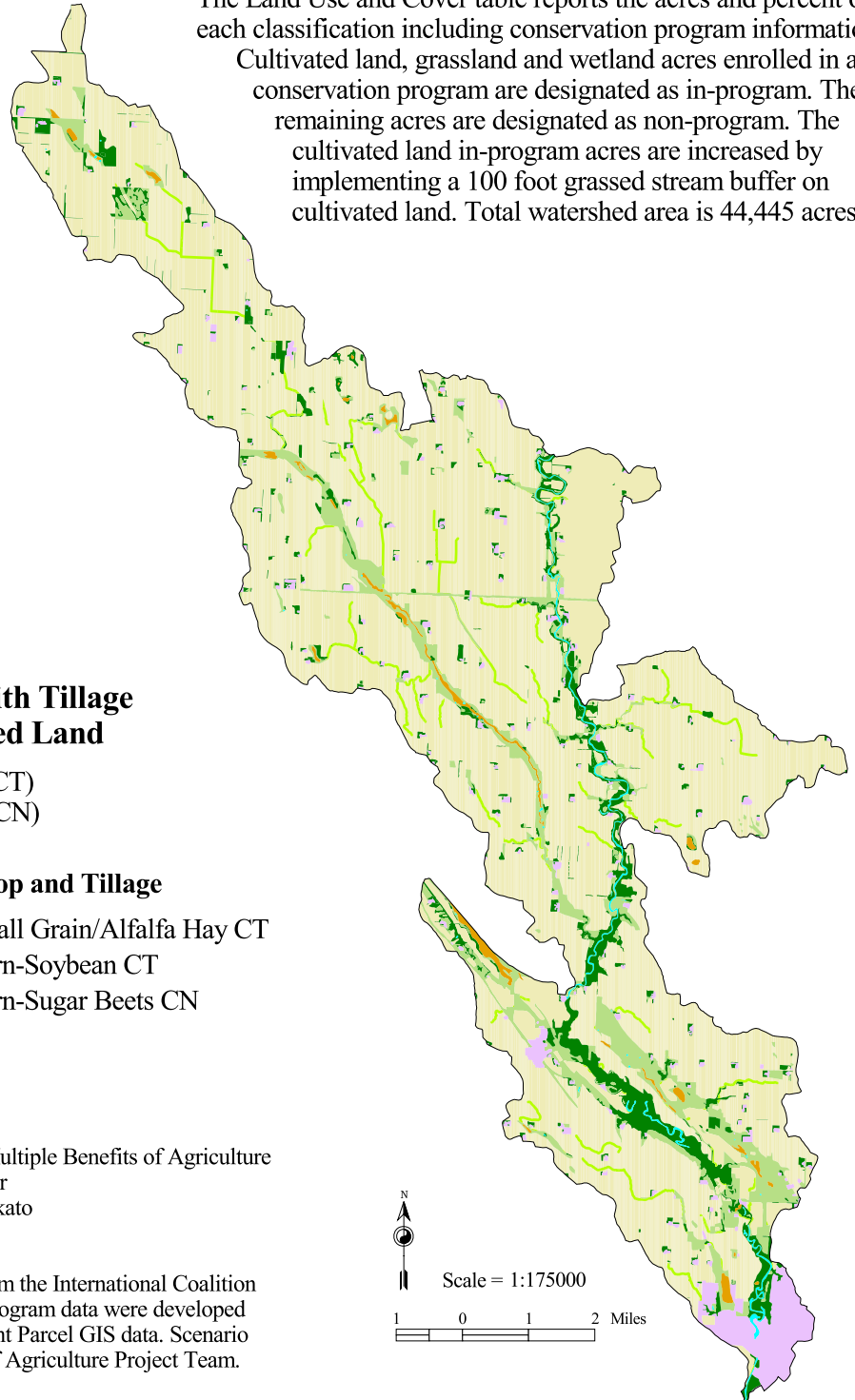


EXPLANATION

The land use map displays the current land use and cover in the watershed based on 1990 data modified by Scenario B parameters.

The Land Use and Cover table reports the acres and percent of each classification including conservation program information.

Cultivated land, grassland and wetland acres enrolled in a conservation program are designated as in-program. The remaining acres are designated as non-program. The cultivated land in-program acres are increased by implementing a 100 foot grassed stream buffer on cultivated land. Total watershed area is 44,445 acres.



Prepared for: The Land Stewardship Project, Multiple Benefits of Agriculture
 Prepared by: Cis Berg, Water Resources Center
 Minnesota State University, Mankato

Date: June, 2001

Software: ARC/INFO 7.1.2 and ArcView 3.1

Data Sources: Land Use and Cover data are from the International Coalition Land Use/ Land Cover (1990). Conservation program data were developed from the GAP Stewardship and BWSR Easement Parcel GIS data. Scenario data were developed by the Multiple Benefits of Agriculture Project Team.



Scale = 1:175000

1 0 1 2 Miles

