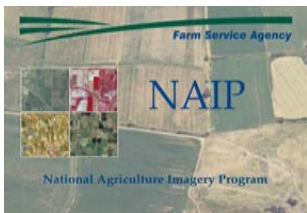


National Agriculture Imagery Program (NAIP)

3 Year Cycle Program Parameters And Partnering Information

Kent Williams and Cindy Sessions
FSA Aerial Photography Field Office



Main Topics

- NAIP Background
- 3 Year Cycle Parameters
- Cost Share Partnerships
- Questions and Answers

NAIP 2002-2007

- Annual coverage
 - 2 meter resolution
 - Aground Coverage
 - Defined by FSA Common Land Unit (CLU)
- “GIS Base” replacement on 5 year cycle
 - 1 meter resolution
 - Full state coverage

USDA Base Map – Keeping Farm Records Current



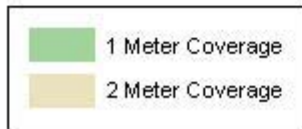
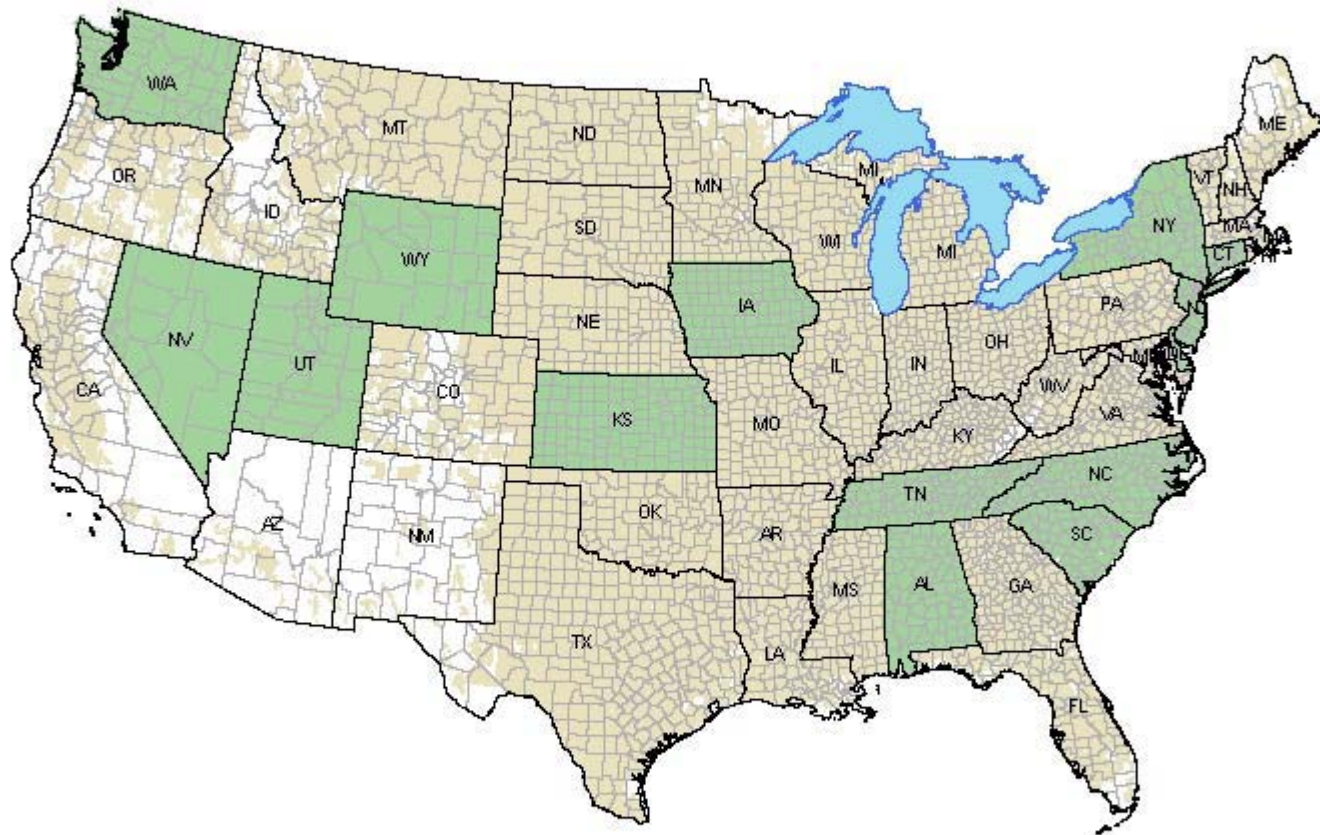
Harlan County, KY
1998 Ortho

USDA Base Map – Keeping Farm Records Current

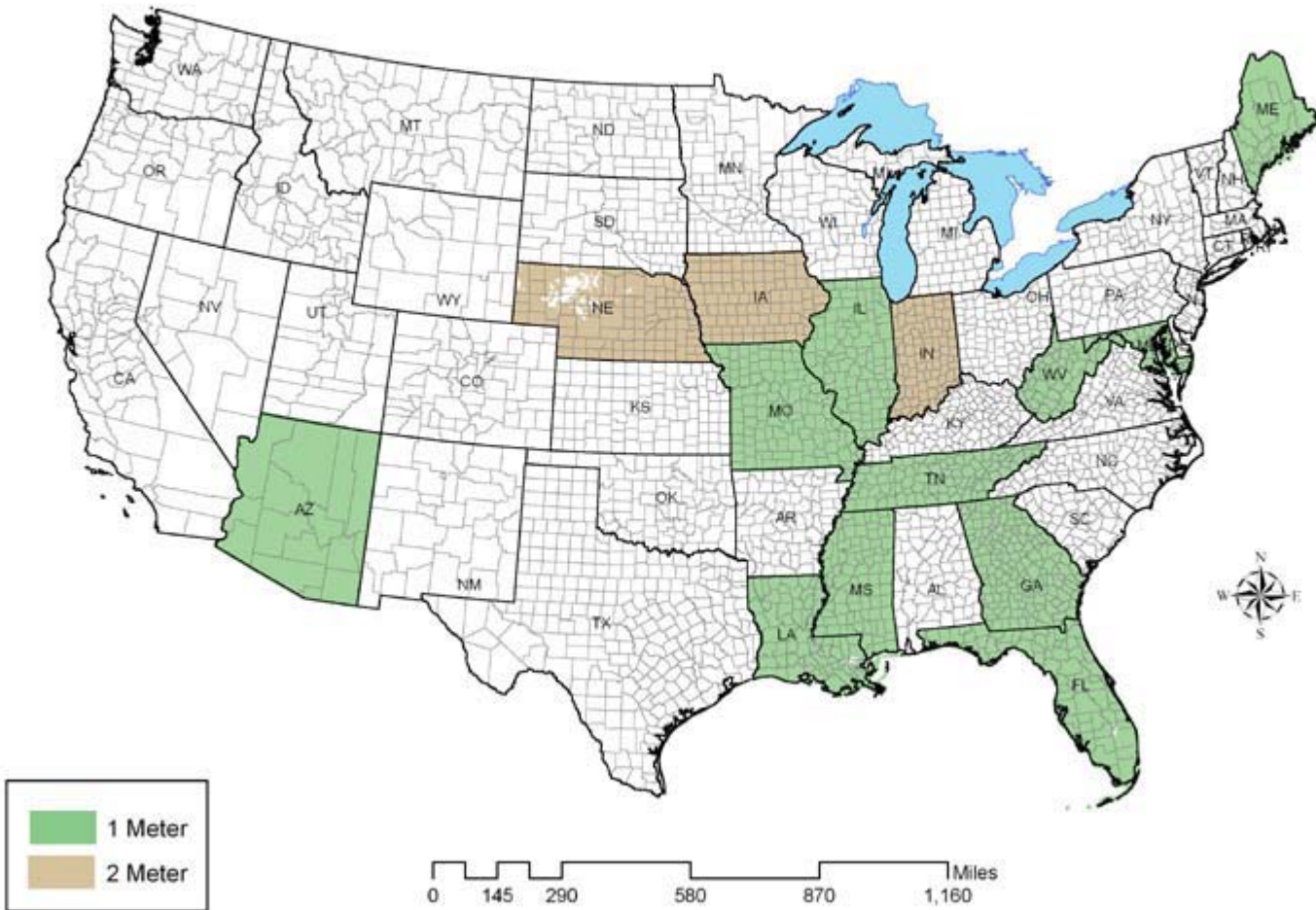


Harlan County, KY
2004 NAIP

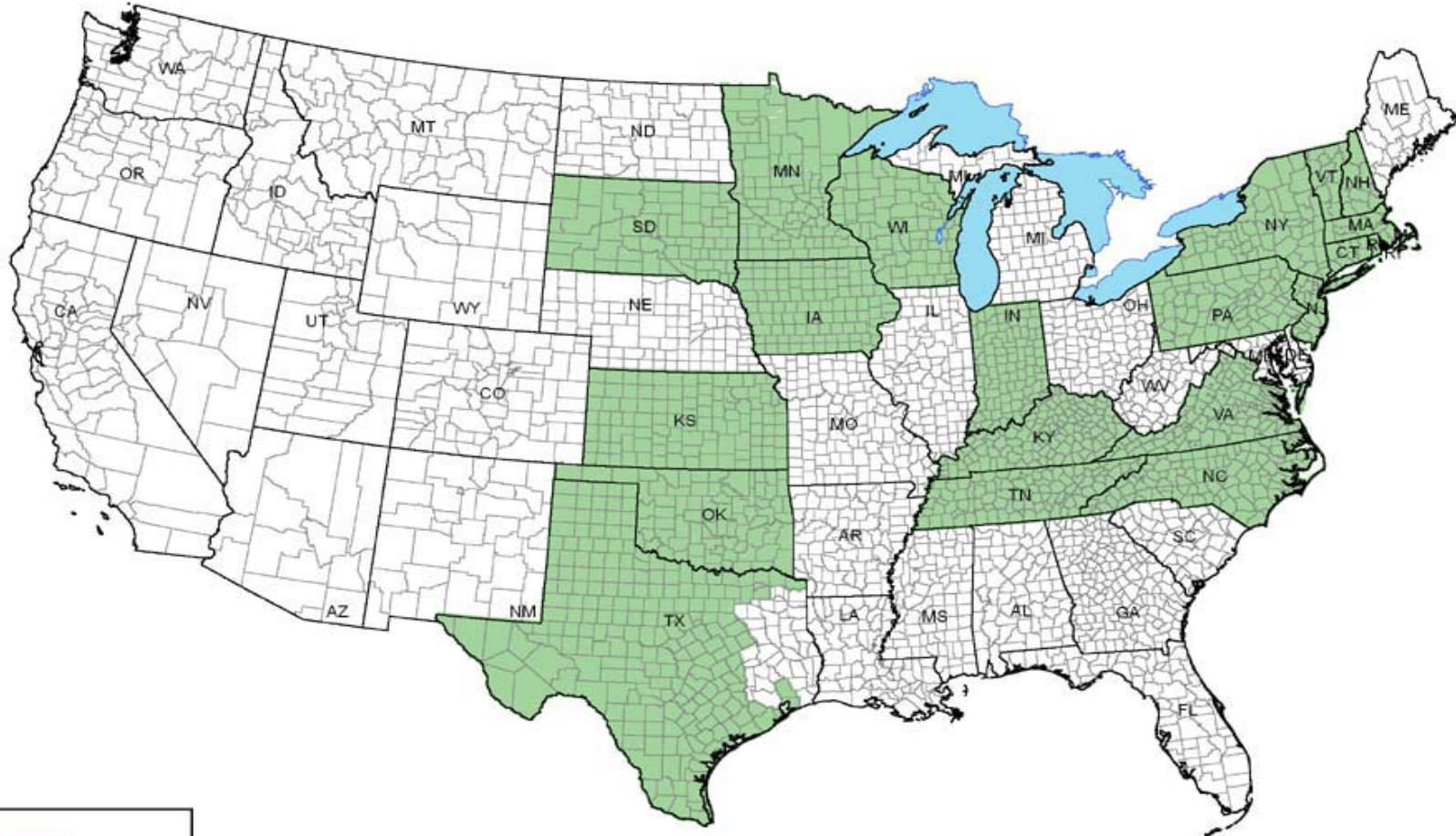
2006 NAIP Coverage



2007 NAIP Coverage



2008 NAIP Coverage



1 Meter

NAIP 2002-2007

- Inconsistent funding
 - Full funding only happened once - 2006.
- Change in key FSA requirement
 - new method for Ag program “compliance”
 - 2 meter NAIP was geared to support “compliance”

NAIP 2009-2011

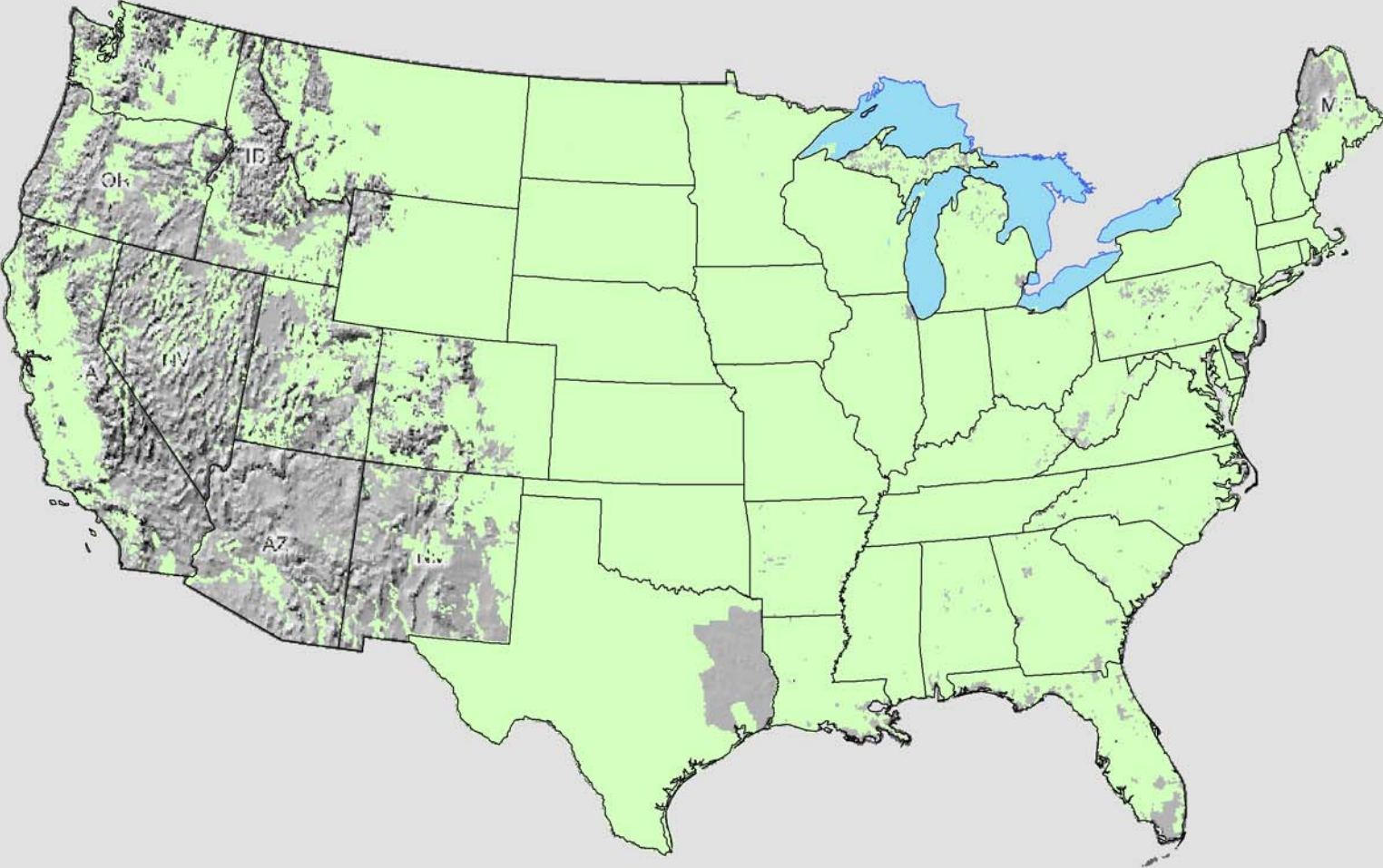
2008 is a transition year

- “Base” imagery on a 3 year cycle
 - Build in more stability and consistency
 - 1 meter
 - Based on Agland/CLU coverage
 - Continually improve quality
 - Transition to better accuracy specification

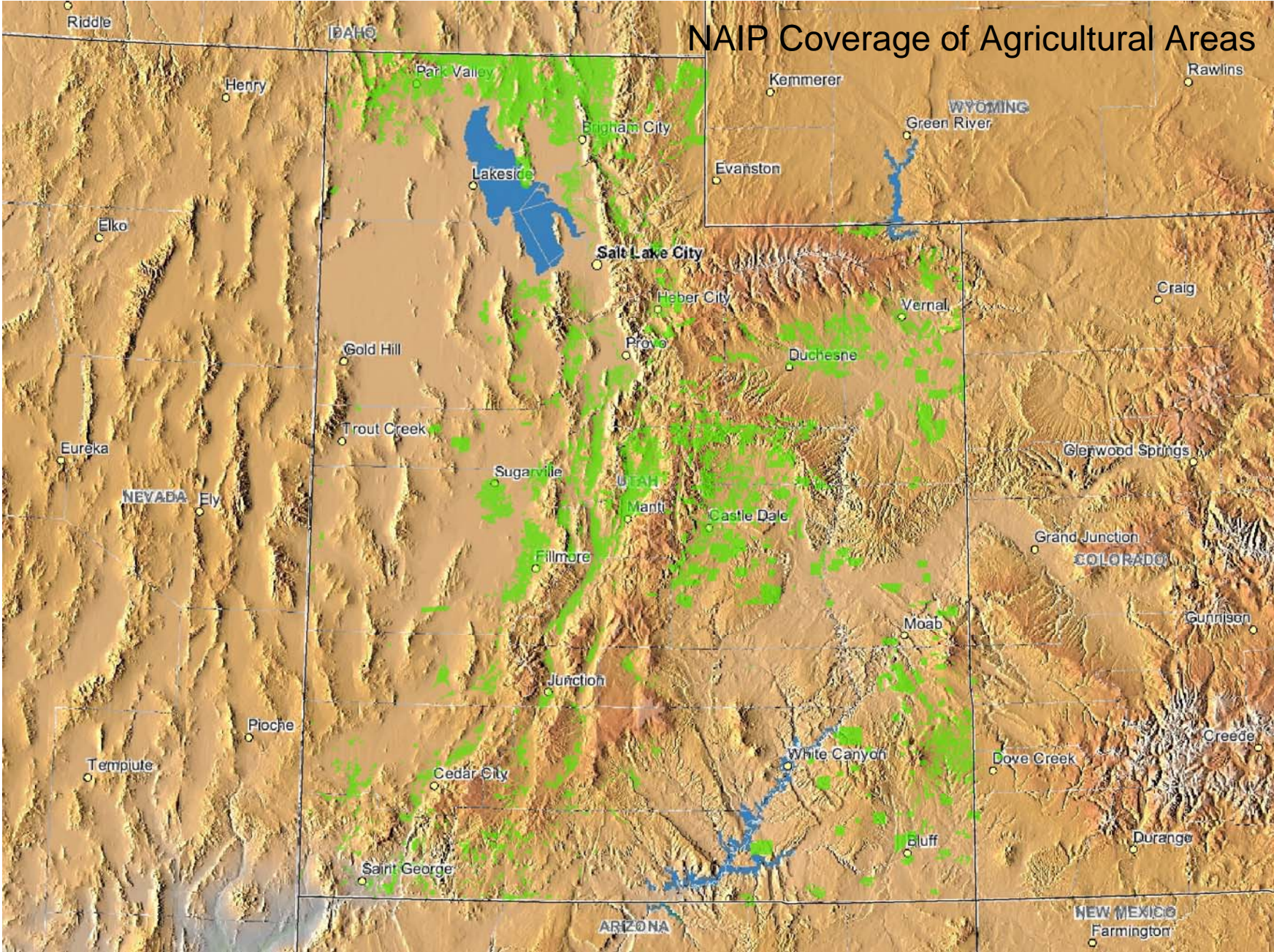
NAIP 2009-2011

- Deliverables
 - Compressed County Mosaics (CCMs)
 - 15:1 Compression
 - MrSID MG3 Format for natural color
 - J2000 for “4 band”
 - Delivered 30 days after flying season
 - Quarter Quads
 - GeoTIFF
 - Uncompressed
 - Delivered to partners after QA/ contract close
- Flying Season
 - Peak crop growing conditions
- Projection
 - UTM
 - Single zone CCMs

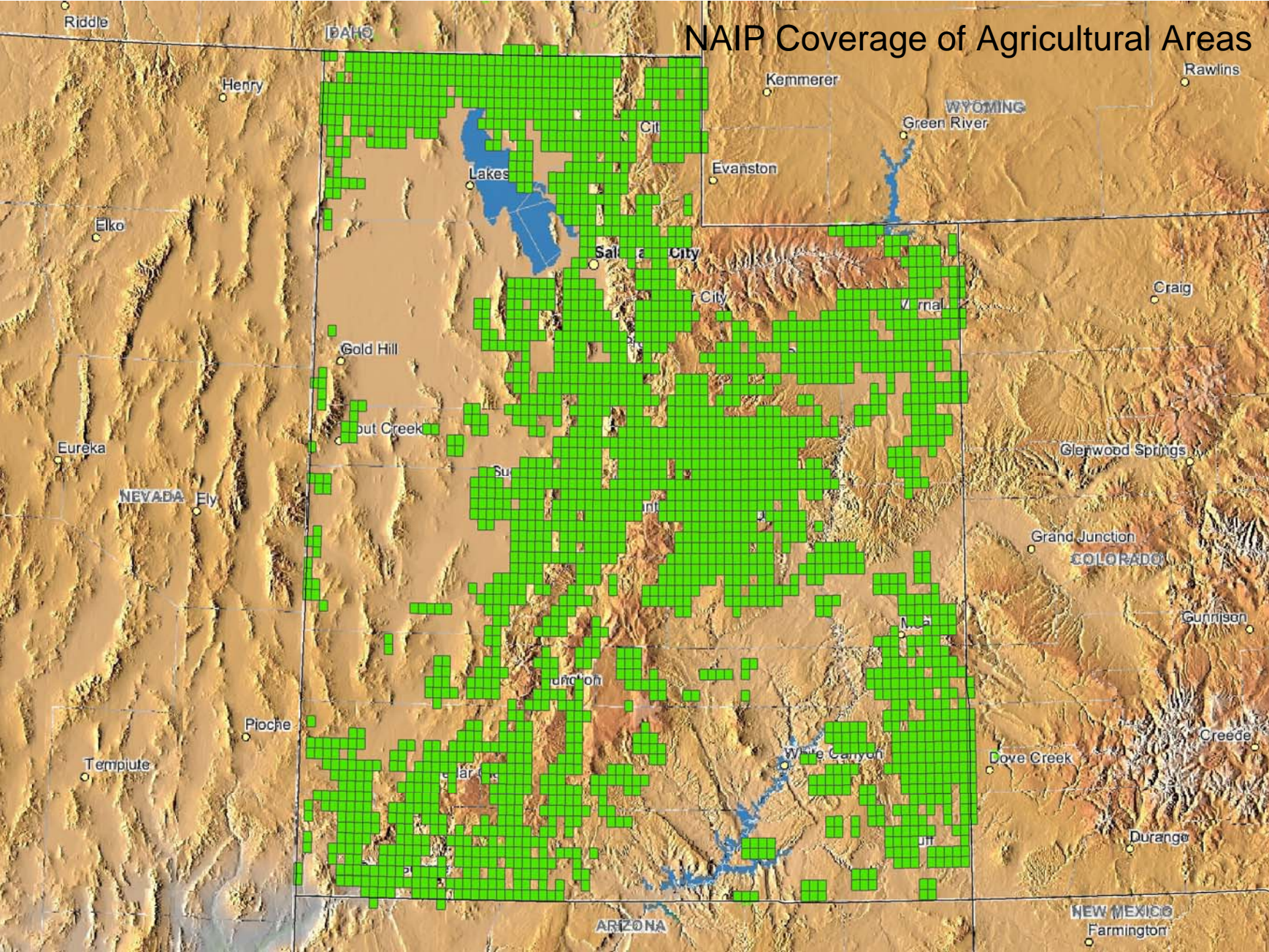
NAIP Coverage of Agricultural Areas



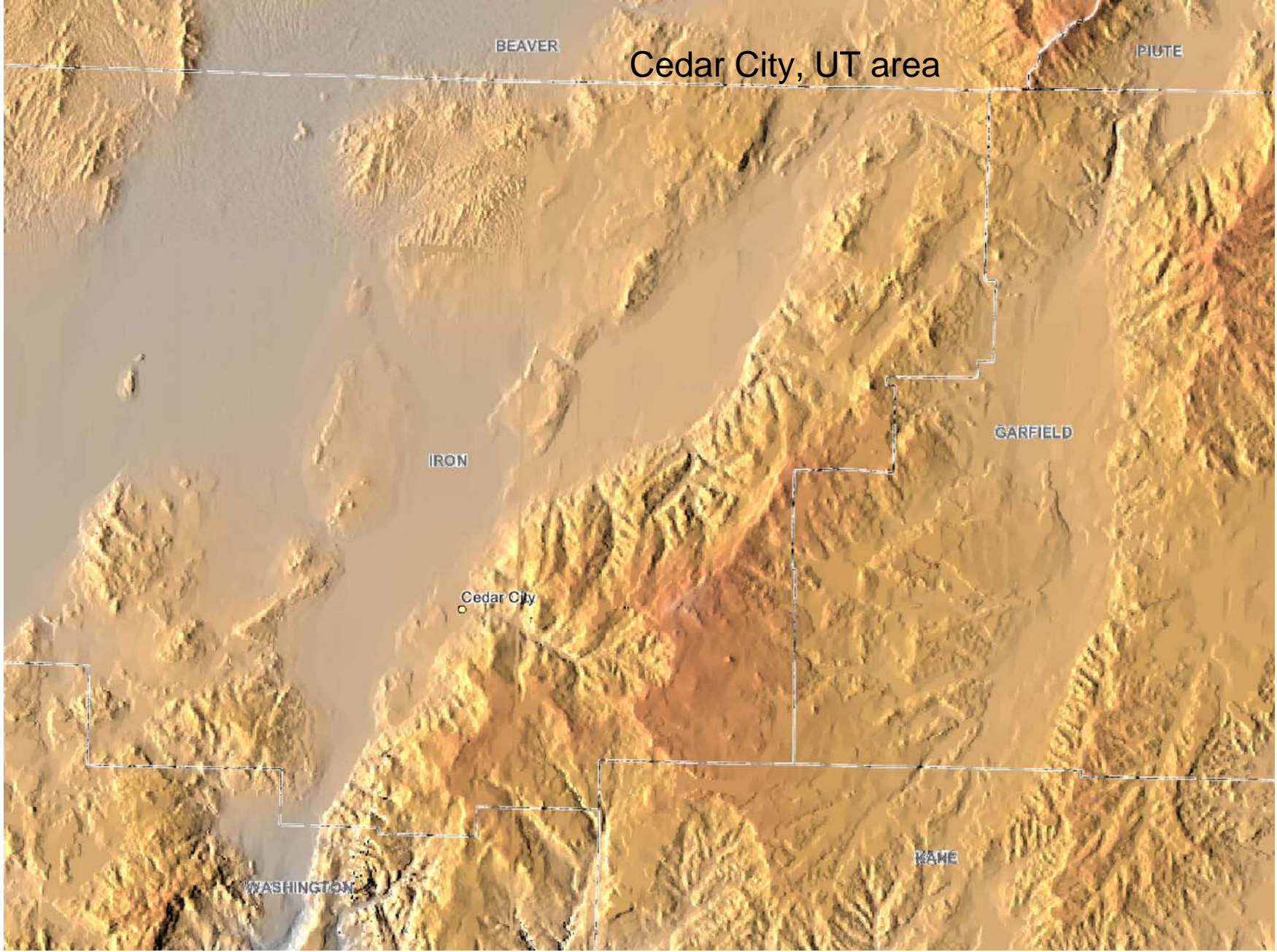
NAIP Coverage of Agricultural Areas



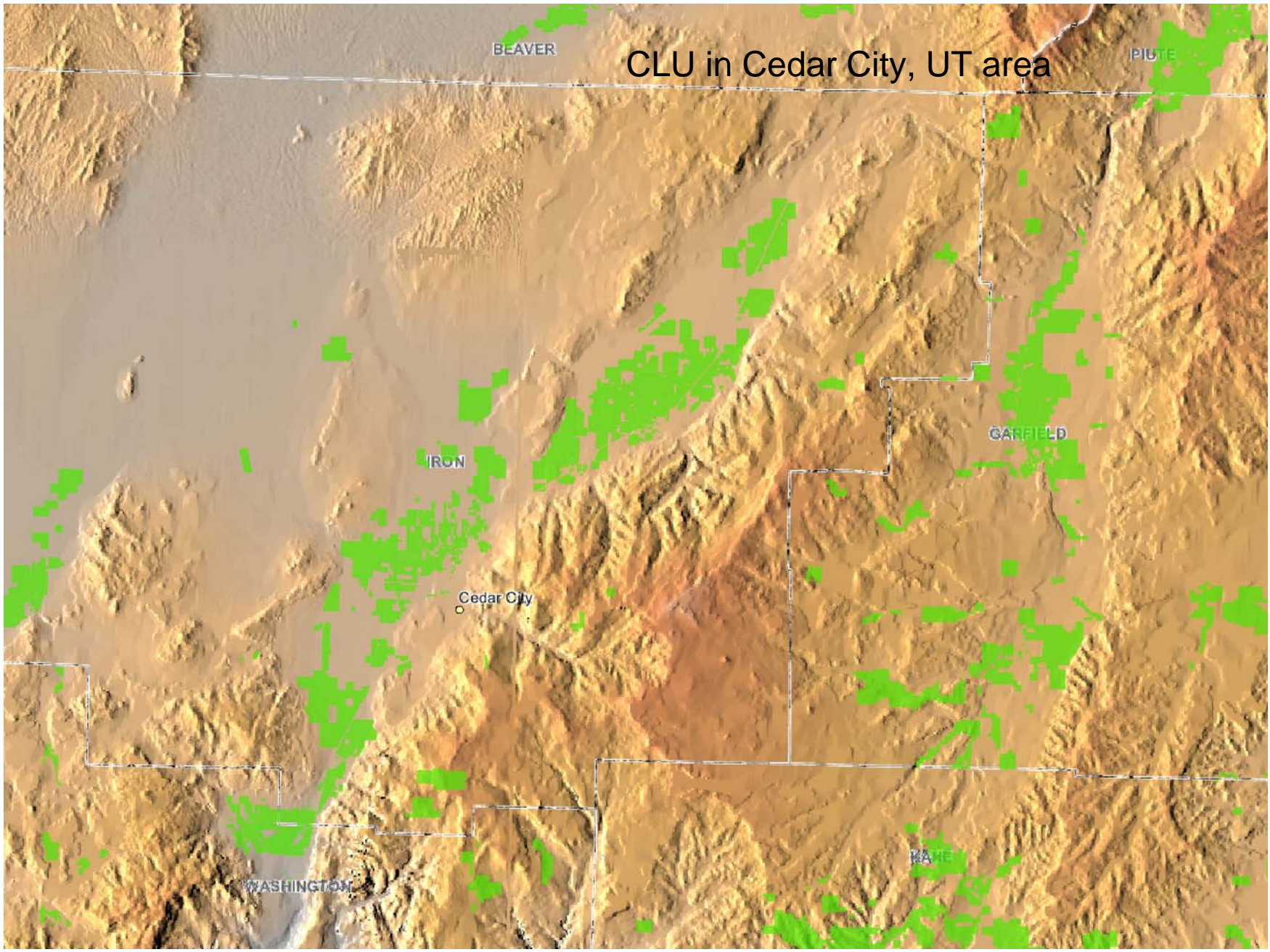
NAIP Coverage of Agricultural Areas



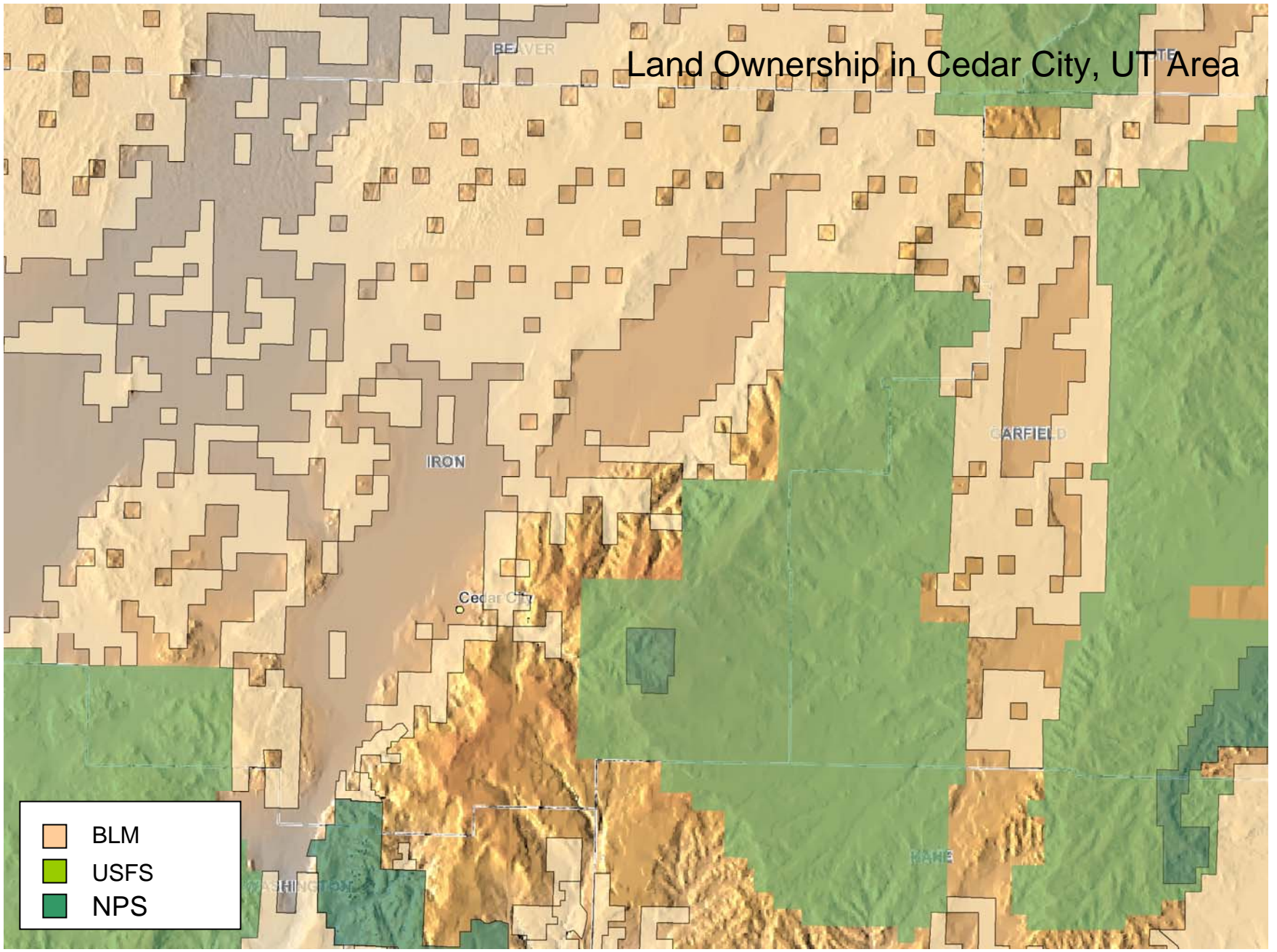
Cedar City, UT area



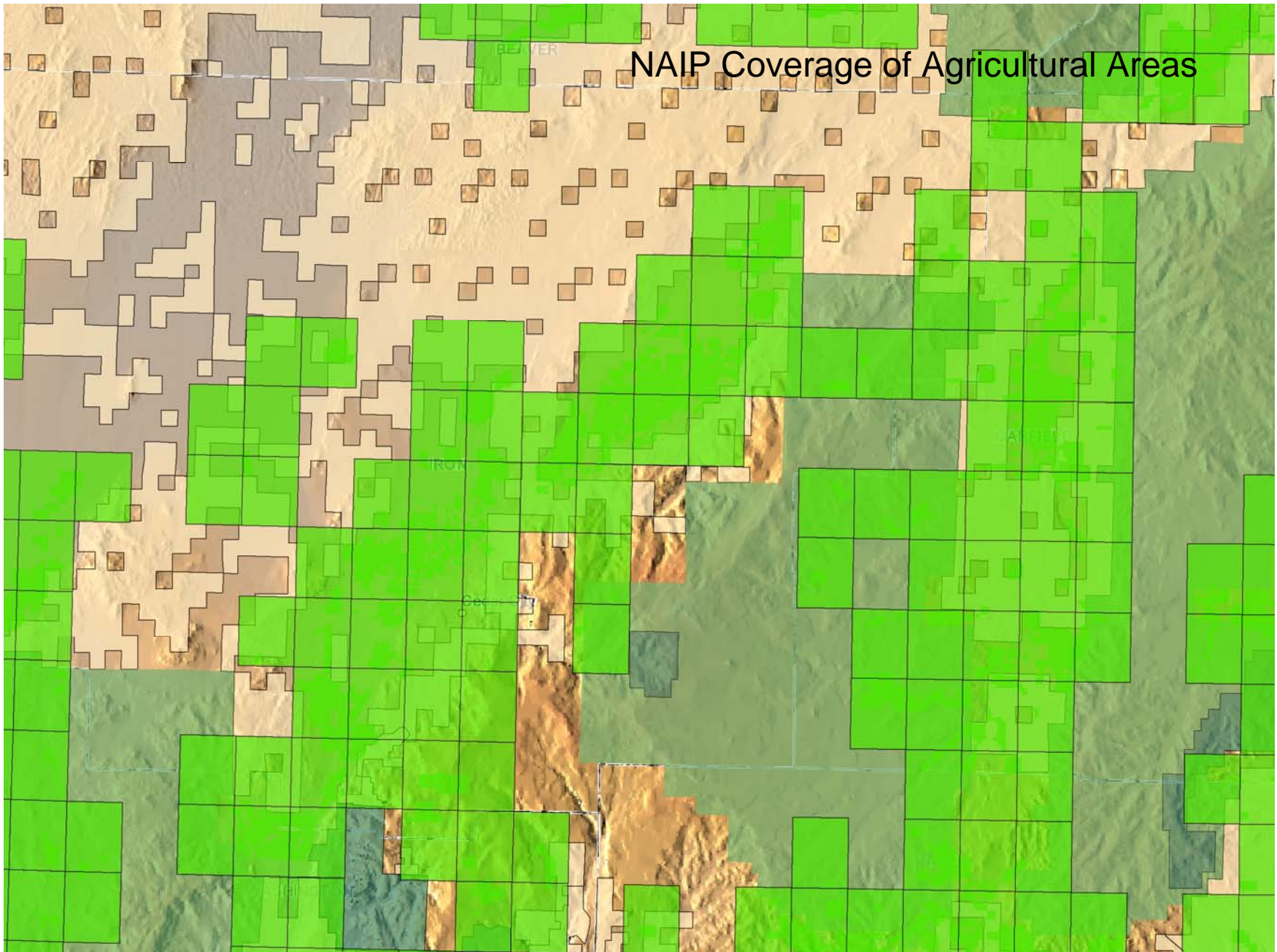
CLU in Cedar City, UT area



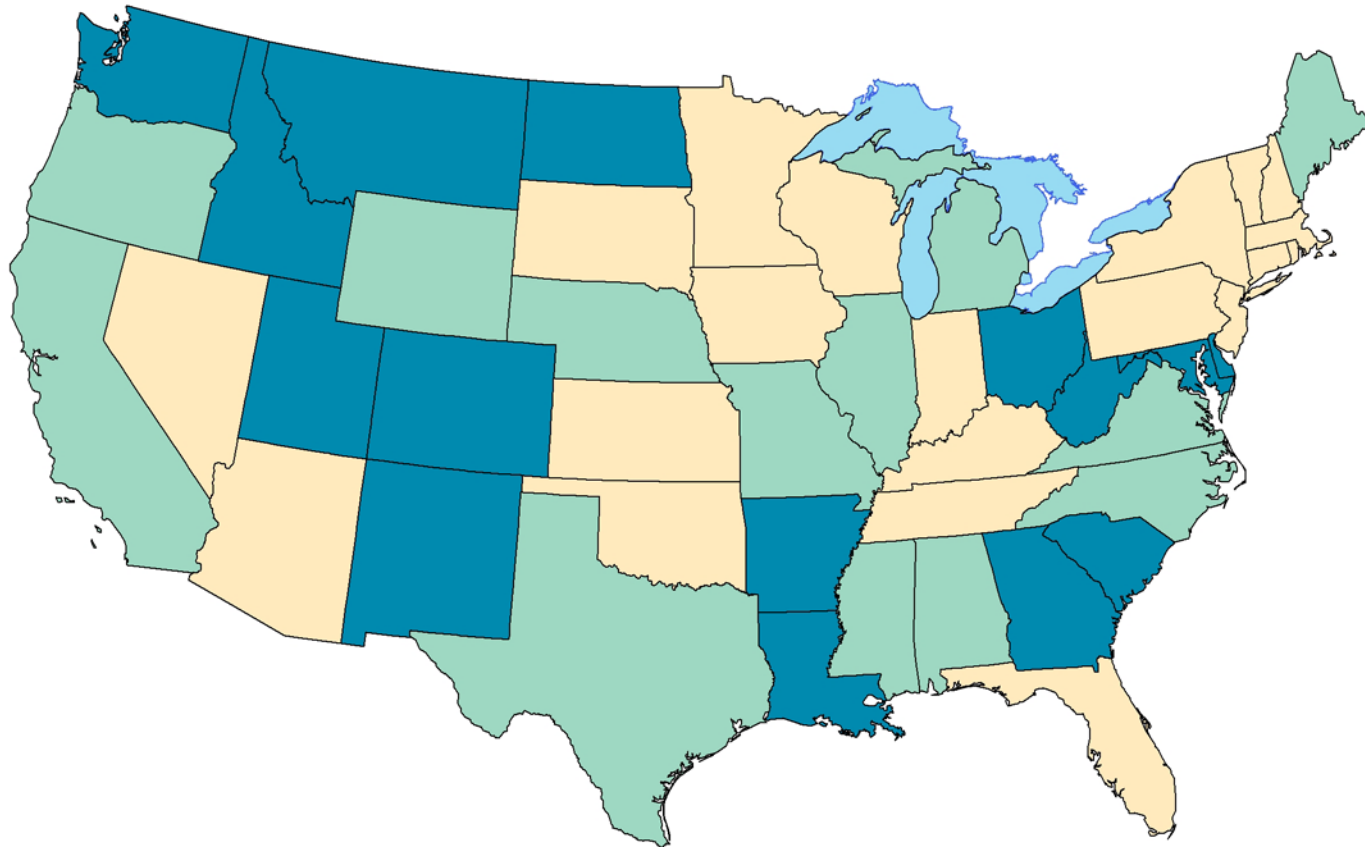
Land Ownership in Cedar City, UT Area



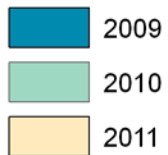
NAIP Coverage of Agricultural Areas



3 Year NAIP Cycle



Cycle Dates



Cost Share Partnerships

- Buy-up to full state coverage
 - Partners pay 100% of Non-CLU coverage
- Buy-up to 4 band
 - Partners pay 100% of costs
- Buy up “out of cycle” coverage
 - Partners pay 100% of costs
 - Can be partial coverage of states, subject to approval
 - States out of cycle will maintain 3 year cycle

Partnership Details

Cost Share Amounts

- Minimum cost share amount applies to partners at the state level
 - 10% of FSA costs (for individual state CLU coverage) or \$21,500 whichever is higher

.

Example

Idaho 41% CLU

Scenario: Full Federal Cost Share
State has \$200,000

State can apply \$158,000 to buy-up

Full State Coverage	\$1,402,230
FSA core coverage (Based on CLU)	\$584,585
Minimum cost share	\$58,458

Secondary Contracts

- Secondary contract is between NAIP contractor and 3rd party that leverages NAIP acquisition
- Encouraged ***with partners***
 - ***Utah 06***
 - ***CIR, higher accuracy, hi res, elevation***
 - ***Texas 08***
 - ***Half meter***
- Secondary contracts must not negatively affect primary NAIP deliverable
 - Example: Half meter could increase flying season requirements and risk to primary deliverables

Cost Share Estimates

- Estimates
 - Many variables
 - Federal agency budgets
 - Vendor bids

- See link for estimates

http://www.fsa.usda.gov/Internet/FSA_File/naip_cost_share_est.doc

Incentives for partners

- Full State Coverage
- Prioritized delivery at no cost
 - CCMs when delivered from contractor
 - Quarter Quads when through QA
- Custom Area of Interest (AOI)
 - Minimum cost share must be met first
- Buy up to “4 Band”
- Secondary contracts are possible
 - Subject to FSA approval

Questions and Answers

- **Question: What happens if a state makes the minimum cost share and there are no additional partners? (not enough funding for full state coverage)**
- **Answer: FSA will fund Ag/CLU coverage only if only the minimum is met. Cost share agreements can be canceled.**

Questions and Answers

- ***Question: What are the incentives for partners to cost share in high ag states? (where larger majority of area will be flown anyway).***
- ***Answer: Complete full state coverage (important to most states even if only a few QQs short); deliverables when available at no cost; ability to buy-up to 4 band; ability to enter into secondary contracts.***

Questions and Answers

- ***Question: Will FSA contribute to off-cycle contracts by partners?***
- ***Answer: No. Since annual budget estimates are for specific states, contributions to states that are out of cycle would lead to a funding shortfall for in-cycle states.***

Questions and Answers

- ***Question: Can partners fund less than full state coverage?***
- ***Answer: Yes, subject to conditions.***

Questions and Answers

- ***Question: Can 4 Band buy-up be applied to AOs (less than full state)?***
- ***Answer: No. We can't have multiple products for a single state project.***

Questions and Answers

- ***Question: Can coverage buy-up be applied to AOs (less than full state)?***
- ***Answer: Yes, but flight planning rules will apply – no isolated QOs.***

Questions and Answers

- **Question: Are buy-ups directly through the NAIP contract?**
- **Answer: Yes. This means that buy ups will be standard NAIP and will be readily available for FSA**

Questions and Answers

- **Question: Would partner consortiums for buy-ups, including feds, need to go through a single POC at the state?**
- **Answer: yes**

More Questions?

Kent Williams NAIP Manager

801-844-2908

kent.williams@slc.usda.gov

Cindy Sessions

NAIP Partnership Coordinator

801-844-2909

Cindy.sessions@slc.usda.gov

www.apfo.usda.gov

“Support documents”