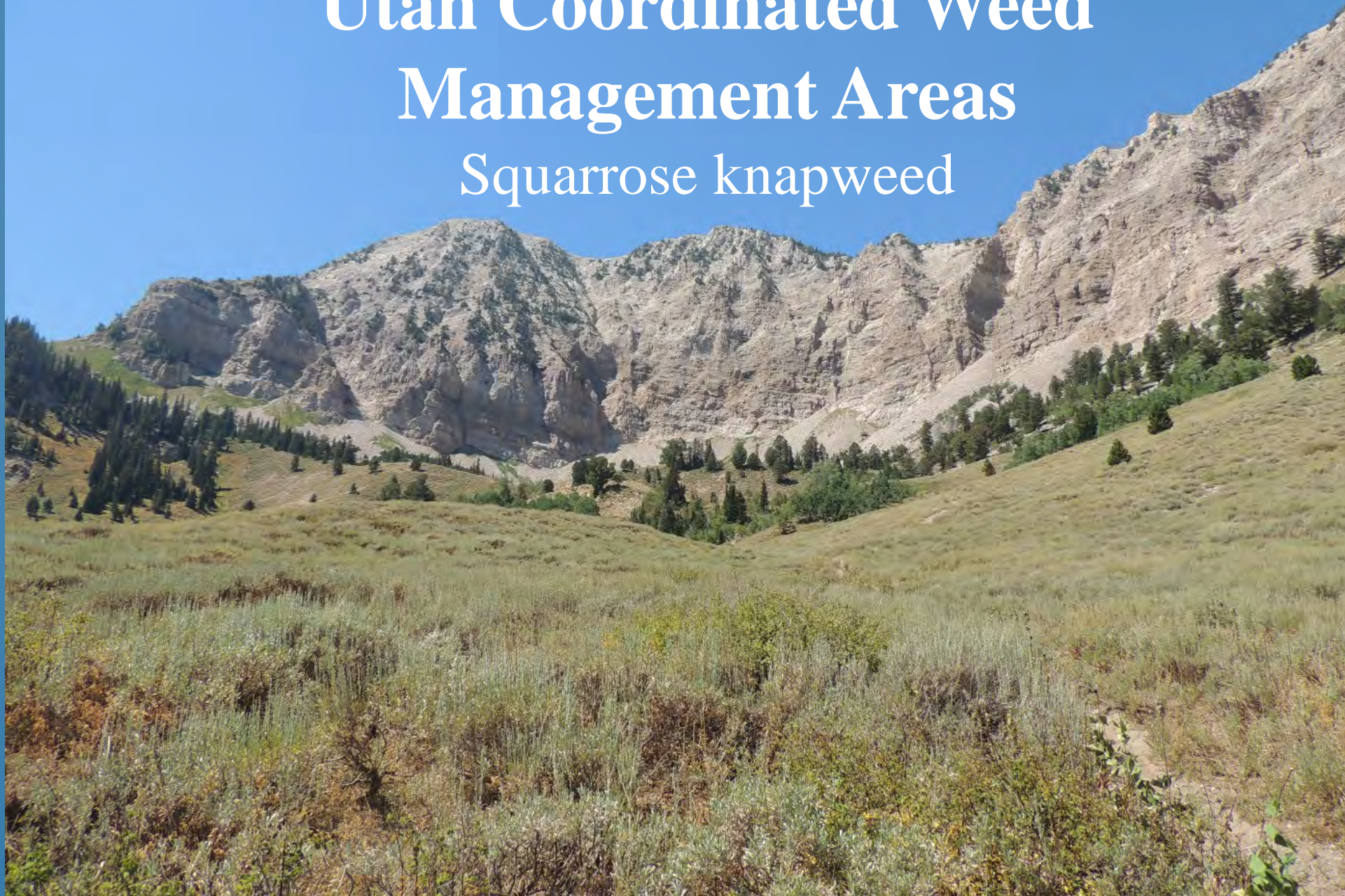


# Utah Coordinated Weed Management Areas

## Squarrose knapweed



**In the early 1900's, Tintic Valley in central Utah, was used for dryland wheat production and livestock grazing.**



**In the 1920's Squarrose knapweed was identified growing in dryland wheat fields. In 1954 it became a concern to producers and others when an estimated 10,000 acres were infested. A meeting was held to discuss the problem. Afterwards, no action was taken.**



**From 1954 to 1984, no major control efforts conducted. During this time the weed was spreading out of control.**



**In 1980's Utah Counties, along with the BLM and other agencies addressed the problem.**

**Each agency developed their own control program and worked independently. During this time, control efforts had limited success, with the major shortfalls being:**

- **Lack of coordination between agencies**
- **Lack of funding and resources**
- **Limited landowner participation**



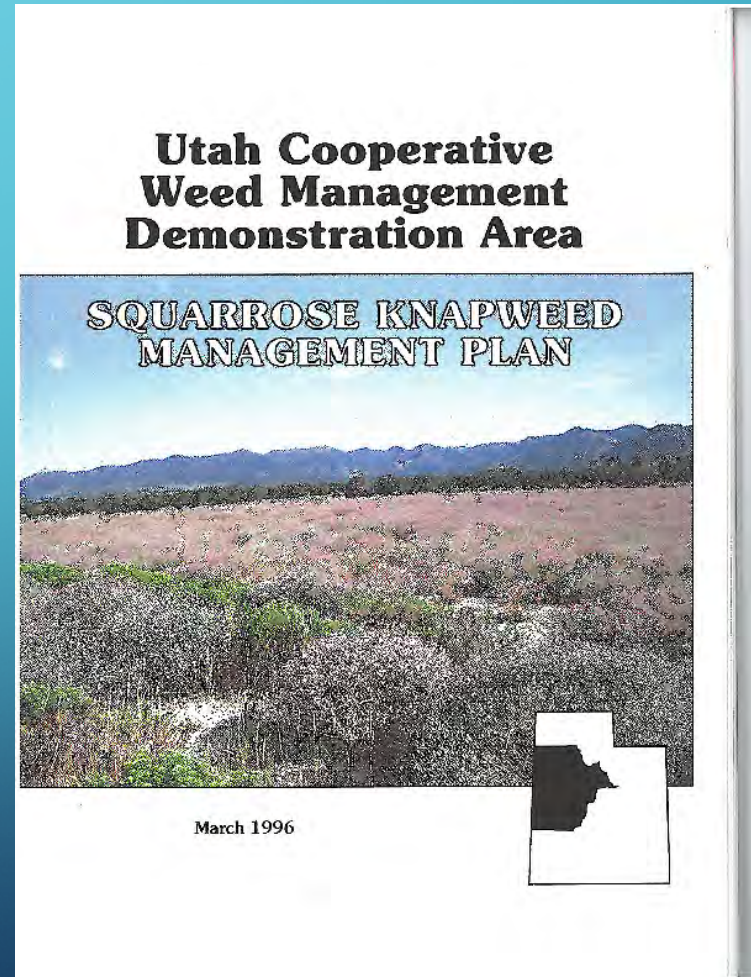
In 1996 a group of concerned agencies and others met to discuss the major problem that the weed had become. It was estimated that the weed had infested at least 150,000 acres. As a result of the meeting the group organized the Squarrose Knapweed Cooperative Weed Management Area.

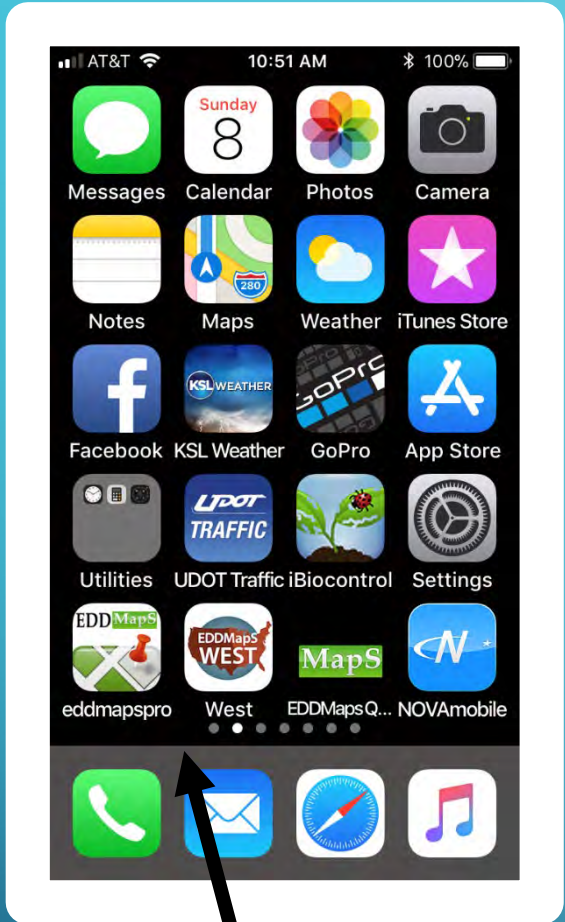
- USFS
- BLM
- DNR
- UDAF
- SITLA
- Counties
- Conservation Districts
- Cattleman's Assoc.
- Water Users Assoc.
- Private Land owners



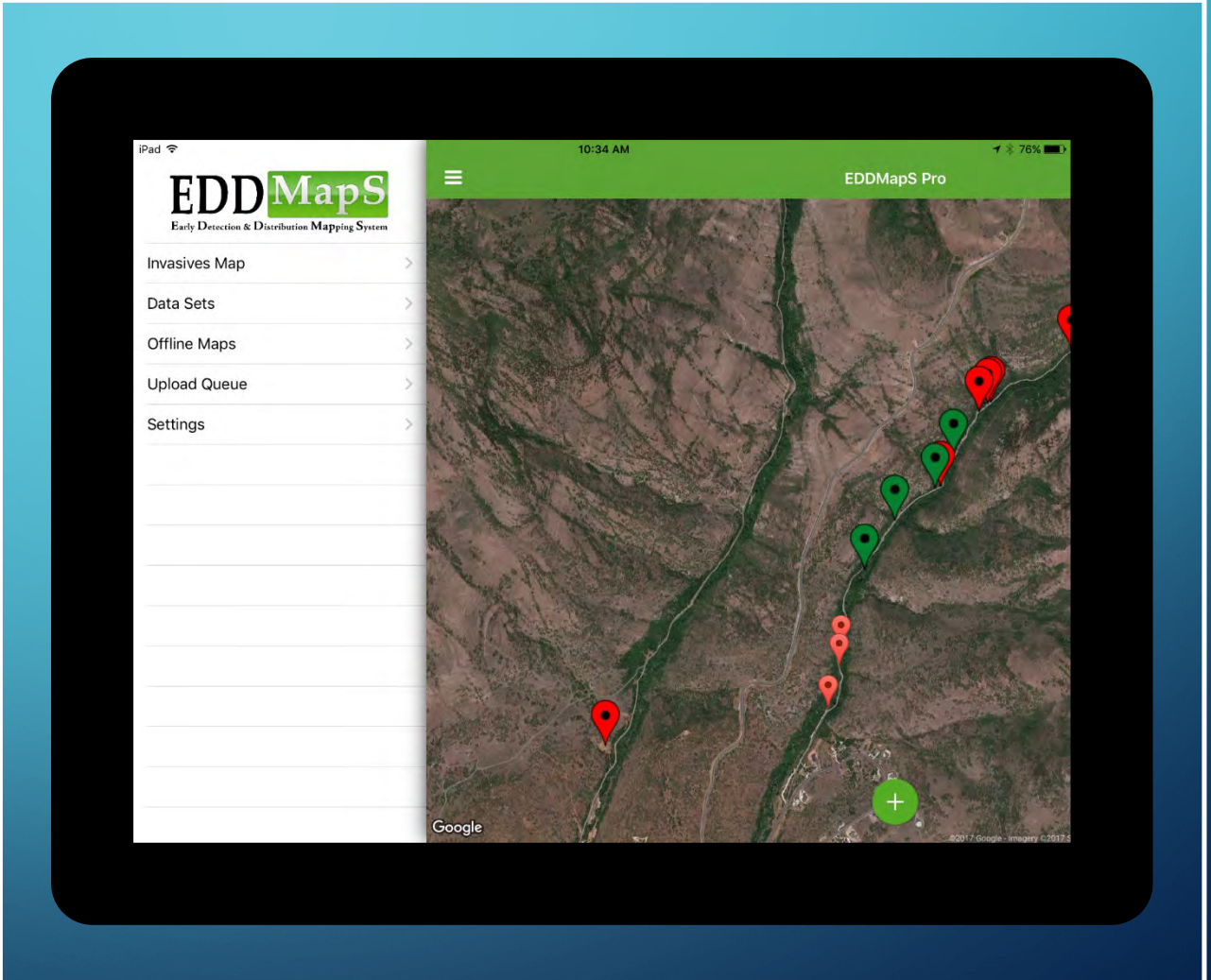
# The first step for a successful program was to develop a management plan

- Inventory of the Squarrose Knapweed using GPS technology
- Monitoring plans
- Research to understand the plant and identify the best methods to control it
- Education for land managers, producers and general public
- A plan to attack the weed from the outer perimeter





# EddMaps Apps





**August 2011**

**T  
R  
A  
N  
S  
E  
C  
T  
S**

**M  
O  
N  
I  
T  
O  
R  
I  
N  
G**



# Tooele/Juab Squarrose



# Tooele/Juab Squarrose



# Tooele/Juab Squarrose



2012

2014

# Wasatch Canada and Musk



# Grand Hoary cress



# Box Elder Scotch thistle & Yellow starthistle



Since 1996, Utah has formed 20 CWMA's associated with either a county, geographical area, or specific weed

