

**Crop/Plan Codes NOT Requiring a 17 Record  
Format/Edits**

<b><u>Plan Code</u></b>	<b><u>Crop Code</u></b>
50	0073 Nursery
12	0091 Barley
	0041 Corn
	0021 Cotton
	0033 Forage Production
	0051 Grain Sorghum
	0075 Peanuts
	0048 Rangeland
	0081 Soybeans
	0011 Wheat
	0115 Oysters
73 (GRIP)	0041 Corn
	0021 Cotton
	0051 Grain Sorghum
	0081 Soybeans
	0011 Wheat

## State/County Cross Reference File

- \_ The purpose of the State/County Cross-Reference file is to determine, at the state/county level, whether or not a Type 17 Record must contain one Legal Land ID (i.e. Type “L”). Once this test has been completed satisfactorily, any Legal Land IDs present can then be validated using the Township/Range Validation File, discussed on the next page.
  
- \_ Each record in the State/County Cross-Reference file contains three fields:
  - State FIPS Code
  - County FIPS Code
  - Survey Status Flag
  
- \_ The “Survey Status Flag” has three possible values:
  - Y - the entire county was surveyed, and Type 17 Records must contain at least one valid Legal Land ID (township, range, section) representing a township (6 miles x 6 miles);
  - S - the entire county was surveyed, and Type 17 Records must contain at least one valid Legal Land ID representing a specific section (1 mile x 1 mile);
  - P - the county was partially surveyed (normally this occurred because of pre-existing colonial land grants or pre-surveyed Indian/Military reserves), in which case Legal Land IDs are optional, but when present will be validated;
  - N - the county is situated in a state not included in the original Public Land Survey, in which case Legal Land IDs are not valid.
  
- \_ Reporting Farm Serial Numbers:
  - Companies can report Farm Serial Numbers on the Type 17 Record. If the record is for a policy in a surveyed county (Survey Status Flag = “Y”), it must contain at least one valid Legal Land ID.

## **Township Validation File**

The Township Validation file contains one entry for every township included in the Public Land Survey System, and is designed to be used for validating the township and range portions of each Legal Land ID received on Type 17 records.

The file contains (for validation purposes) four fields:

- State FIPS
- County FIPS
- Township (e.g. 001N)
- Range (e.g. 001E)

The validation process consists simply of extracting the same four fields from the Type 17 record, and determining whether or not there is a matching record in the validation file.

The validation file was built from data supplied by the U.S. Department of the Interior.

There are instances in several states where small parcels of land between two townships (or ranges) were surveyed as “half” townships (or ranges), containing one or more sections. These anomalies have been grouped together in the township validation file. However, the section (or sections) contained in these pieces of lands will be identified separately when the township/range/section validation files are made available for each state.

## Latitude/Longitude

The Global Positioning System (GPS) coordinate will be in a digital format indicating the latitude and longitude in degrees, minutes and decimal minutes. The latitude will always contain a leading zero and will always be considered as North and longitude will always be considered West. GPS data needs to be collected using the NAD-83 (North American Datum 1983) datum. Data should be collected with a GPS capable of capturing position data with a horizontal accuracy of +/- 10-meters.

Each coordinate will be in the format **DDMMddd**. The **DDD** = degrees (right justified and left zero filled where appropriate), **MM** = minutes (right justified and left zero filled where appropriate) and the **ddd** = decimal minutes (rounded where necessary to 3 positions).

Example:      latitude            37N40.109 = 03740109  
                 longitude        122W23.825 = 12223825

Sufficient detail must be provided to identify each area of coverage.

Required for Aquaculture (Clams).