What is a Tonnage Report?

- A semi-annual report of the tons of fertilizing materials sold and distributed in California.
- [http://www.cdfa.ca.gov/is/ffldrs/Fertilizer_Tonnage.html](http://www.cdfa.ca.gov/is/ffldrs/Fertilizer_Tonnage.html)
Purpose of the Tonnage Report

- To Keep track of fertilizer sold/distributed in California
- To comply with fertilizing materials law and regulations Food and Agricultural Code Section 14621
Data Elements: What fertilizing materials require reporting?

- Fertilizing materials with nutrient guarantees require reporting.
- There are three categories of materials reported:
  - Commercial Fertilizers-farm use, NPK ≥ 5%.
  - Specialty Fertilizers-home and garden, may contain less or more than 5% N, P, or K, singly or collectively.
  - Agricultural Minerals-farm use & home and garden, NPK < 5% including compost with nutrient guarantees.
Data Elements (continued)

- **Organic Input Material (OIM)** with guarantees are reported under the specific product, in the same fashion, NPK > or < than 5%.
- Products with no nutrient guarantees do not require reporting, such as **auxiliary soil and plant substances (ASPS)** or soil amendments.
  - ASPS: bacterial inoculants, biotics, soil binding agents and wetting agents
  - Soil amendments: conditioning soil through physical means (hay, straw, peat moss...)

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Reporting mechanism: Who reports?

- Distributor/seller/broker of bulk fertilizing material
- Manufacturer/guarantor of packaged products
Reporting mechanism: When to report tonnage?

- Tonnage reporting is required semi-annually.
- Reporting period January 1 – June 30 is due after June 30 and delinquent after July 31.
- Reporting period July 1 – December 31 is due after December 31 and delinquent after January 31.
# Filling out the Tonnage Report

**STATE OF CALIFORNIA**  
**Tonnage Report to Commercial Fertilizers**  
**Specialty Fertilizers and Agricultural Minerals**  
515.833 (Rev. 6/08)

**DEPARTMENT OF FOOD AND AGRICULTURE**  
**Feed, Fertilizer, and Livestock Drugs**  
**Regulatory Services**

**For Six-Month Period January 1 – June 30, 2009**  
**Delinquent After July 31, 2009**

Use a separate form for each county where material is sold/distributed (not required to report if less than one ton per county) and enter the county code number below (see reverse for code number(s)). Please make a copy of this form for each county in which you are reporting tonnage.

**County Code No. Where Sold/Distributed:**

### Name and Title of Authorized Representative

<table>
<thead>
<tr>
<th>Name and Title of Authorized Representative</th>
<th>Phone Number</th>
</tr>
</thead>
</table>

**REPORT ALL NUMBERS IN WHOLE TONS ONLY. ROUND OFF (0.5 & GREATER, ROUND UP; 0.49 & LESS, ROUND DOWN)**

**PLEASE REPORT NON-FARM AND FARM-USE TONS SEPARATELY IN APPROPRIATE AREA**

#### Non-Farm Use Tons

<table>
<thead>
<tr>
<th>(Registered Specialty Fertilizer/Packaged Ag Minerals for Home and Garden Use)</th>
<th>Dry Bulk</th>
<th>Dry Package</th>
<th>Liquid Bulk</th>
<th>Liquid Package</th>
</tr>
</thead>
</table>

#### Farm-Use Tons

<table>
<thead>
<tr>
<th>(Commercial Use, Farm, Golf Courses, Professional Landscaping, Not Home and Garden)</th>
<th>Dry Bulk</th>
<th>Dry Package</th>
<th>Liquid</th>
</tr>
</thead>
</table>

**Fertilizer Code**

<table>
<thead>
<tr>
<th>NITROGEN MATERIALS</th>
<th>Grade</th>
<th>Dry Bulk</th>
<th>Dry Package</th>
<th>Liquid</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>PHOSPHORS MATERIALS</th>
<th>Grade</th>
<th>Dry Bulk</th>
<th>Dry Package</th>
<th>Liquid</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>POTASSIUM MATERIALS</th>
<th>Grade</th>
<th>Dry Bulk</th>
<th>Dry Package</th>
<th>Liquid</th>
</tr>
</thead>
</table>

**Fertilizer Code**

<table>
<thead>
<tr>
<th>AGRICULTURAL MINERAL MATERIALS</th>
<th>Dry Bulk</th>
<th>Dry Package</th>
<th>Liquid</th>
</tr>
</thead>
</table>

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Reporting a fertilizer material blend

- Commercial fertilizer blend has a grade of (25–14–15) and there were **12 tons** delivered: the Nitrogen reported on code 97, All Other Material is **25% x 12 tons = 3 tons.**

- The Phosphorus reported on code 297, All Other Material is **14% x 12 tons = 1.68 tons** rounded to 2 tons.

- The Potassium reported on code 497, All Other Material is **15% x 12 tons = 1.8 tons** rounded to 2 tons.
Reporting a fertilizer material blend .......

- 22-0-0 fertilizer (blend of 10 tons)
  - Calcium nitrate 9-0-0
  - Nitrogen solution 32-0-0

Figure out how much N is needed for 22% = 440 lbs
(0.22 * 2000 lbs = 440 lbs)

Figure out how much of each ingredient to use;
- 0.09x + 0.32y = 440 lbs
- x + y = 2000 lbs → x = (2000 − y)
- 0.23 y = 260 lbs or y = 1130 lbs (N solution)
- x = 2000 − 1130 = 870 lbs (Calcium nitrate)
- 0.09(870) + 0.32(1130) = 439.9 lbs
- 78.3 + 361.6 = 439.9 lbs

For 10 tons...multiply by 10 and need to report when > .5 tons
Reporting Mechanism:

- Paper reporting is accepted
- Electronic: January 1, 2010, we moved into a new database, web-based, tonnage reporting system https://inspect.cdfa.ca.gov/evj/ExtraView
- Regulatory: The Fertilizer Program is required by law to maintain tonnage reports of fertilizers sold and distributed in the state. There is a $200 late fee for reports received after delinquent date.
Electronic Tonnage Reporting

- Select county.
- Select either Farm-Use or Non-Farm.
- Select type of material for Farm-Use only.
- Report whole tons only
Economic Cost and Measure of Success

- Administrative cost for compiling and submitting reports semiannually
- Success can be measured by the level of compliance (98% of licensees reporting)
Scale for the Fertilizing Materials Tonnage Report

- County and State
- County code in space provided
- Code numbers are found on back of form
- Provide a separate form for each County where material is sold/distributed
Benefits and Challenges

- **Benefits**
  - Provide statistical data on the distribution of commercial fertilizers, specialty fertilizers and agricultural minerals in California
  - Data compiled at the national level by the Association of the American Plant Food Control Officials for all 50 states

- **Limitations:**
  - Does not mean “application”
  - Reporting is complex
  - Reporting blends is prone to errors
  - Verification “zero” reports
THANK YOU!