

#### Sources

# Aggregate

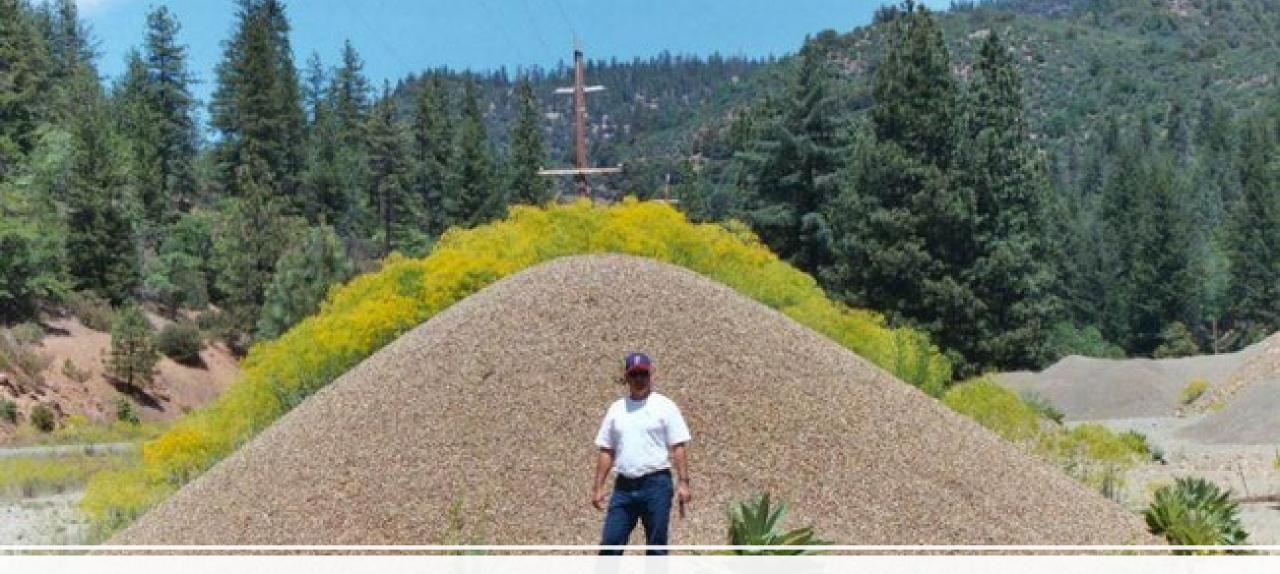
Hay

Equipment

Stock



- 1) Ask questions of quarries
  - Do they manage noxious weeds?
  - How long has aggregate been sitting in the yard?



Watch out for old gravel piles!

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  - Do they manage noxious weeds?
  - How long has aggregate been sitting in the yard?
- 2) Prioritize
  - 1) Fresh crushed aggregate
  - 2) Aggregate excavated below surface only with no surface material
  - 3) Washed rock
  - 4) Aggregate that hasn't sat in the yard for months: especially during seed set



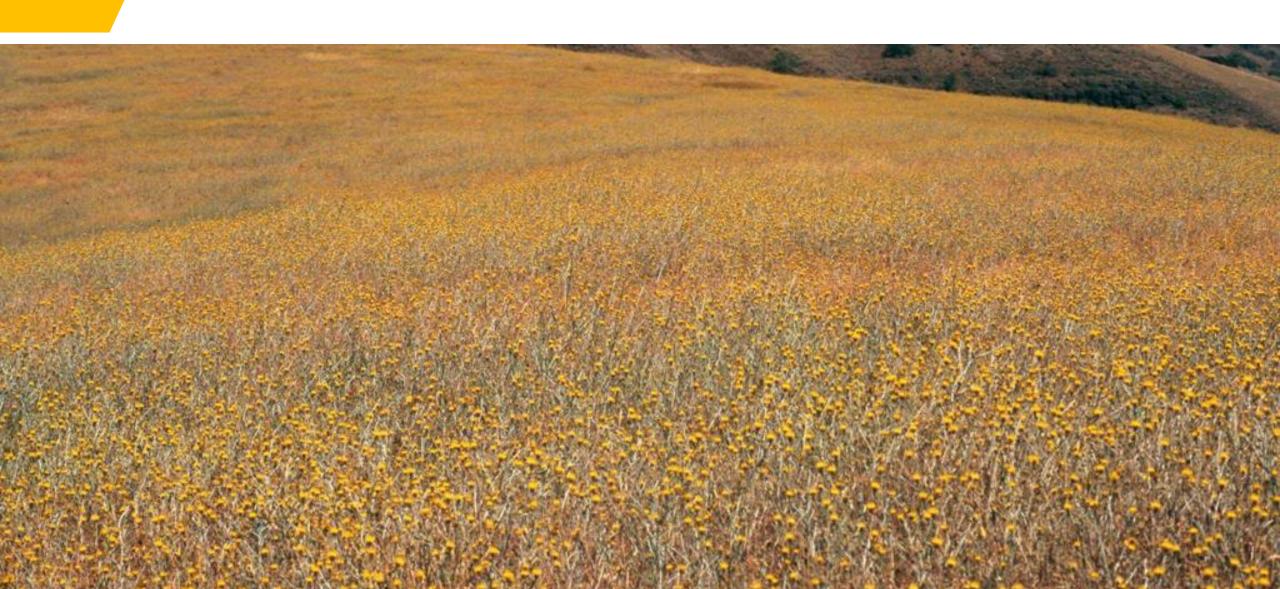
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- 4) Also applies to other soil or soil-like products (topsoil, planting mixes, compost, manure, etc.)

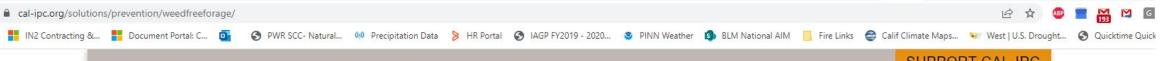


# Hay



### Hay

- 1) Purchase weed free forage
  - <a href="https://www.cal-ipc.org/solutions/prevention/weedfreeforage/">https://www.cal-ipc.org/solutions/prevention/weedfreeforage/</a>





#### Weed Free Forage and Straw Resources

Invasive weed seeds and root fragments can be moved in hay and straw used for animal feed and bedding or in erosion control materials. Seeds can also be transferred in animal manure. These seeds and plant parts can colonize uninfested areas causing damage to wildlife habitat, endangered and threatened species, watershed health, agriculture and recreational opportunities.

To prevent the spread of invasive plants, County Agricultural Commissioners and the California Department of Food and Agriculture (CDFA) offer inspection services to certify materials as weed free. Weed Free Forage is defined as hay, feed, straw or straw mulch that has been inspected, and certified not to contain propagative plant parts or seeds found on the California noxious weed list, as listed in the California Code of Regulations, Title 3, Division 4, Chapter 6, Section 4500.

The term "weed free" implies it is a perfect product. It is important to know the limitations of this product. The inspection process cannot reduce the risk to zero nor are these materials inspected for invasive weeds not listed on the CDFA noxious weed list. See this 2-page briefing for a concise description of the certification and posting process, as well as links to source information. Here is a table of the species your Agricultural Commissioner will

WFF providers in CA. survey for to meet NAISMA standards. Please note: Inspectors will survey for the species on each of the 3 tabs in this

#### Weed-Free Forage and Straw Availability in California

table.



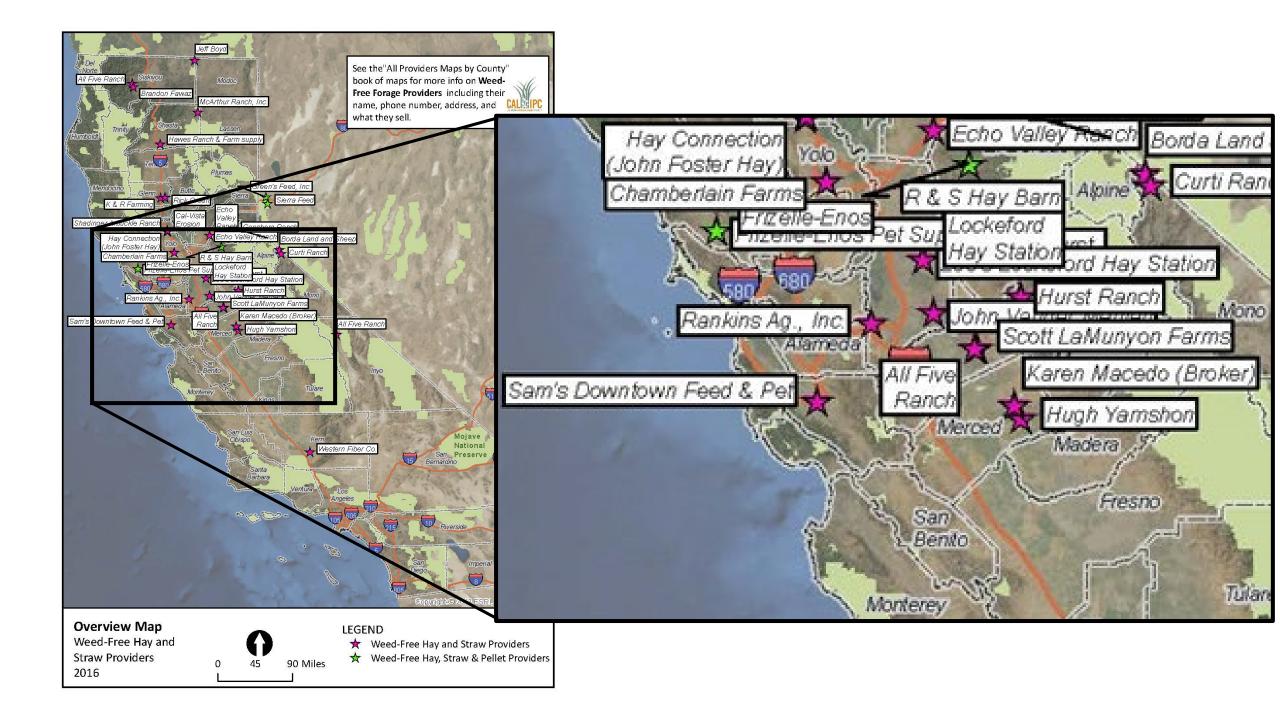
#### MORE PAGES IN "PREVENTION"

Prevention Training Videos Weed-Free Aggregate Resources Responsible Landscaping

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Search



#### Weed-Free Hay and Straw Providers - California and Nevada October 2016 Update

| CALIFORNIA | (Alphabetized b | y and within county) |
|------------|-----------------|----------------------|
|------------|-----------------|----------------------|

| Alpine                           | Phone        | Address              | City, ZIP Code                          | Product Details (hay, straw, wattles, etc.)     |
|----------------------------------|--------------|----------------------|---|---|
| Gansberg Ranch                   | 530-694-2268 | 2277 Foothill Rd.    | Markleeville, 96120                     | grass hay                                       |
|                                  |              |                      |   |   |
| Colusa                           |              |                      |   |   |
| Hay Connection (John Foster Hay) | 530-681-0306 | 352 Vawter Rd.       | Arbuckle, 95912                         | erosion control straw, hay                      |
| Shadinger Arbuckle Ranch         | 530-476-0725 | 633 Gabby Rd.        | Arbuckle, 95912                         | rice straw, wheat straw, straw wattles (erosion |
|                                  |              |                      |   | control)  |
| Cal-Vista Erosion                | 530-476-0706 | 459 State Hwy. 99 W. | Arbuckle, 95912                         | certified rice straw wattles                    |
| Glenn                            |              |                      |   |   |
| K & R Farming                    | 530-934-4500 | 6439 County Rd. 48   | Willows, 95988                          | rice straw                                      |
| Rick Green                       | 530-570-0459 | 2130 County Rd. S.   | Willows, 95988                          | rice straw                                      |
| x x/                             |              |                      |   |   |
| Inyo-Mono<br>Curti Ranch         | 775-291-4073 | 999 Cunningham Wy.   | Coleville, 96107                        | grass hay                                       |
| Curti Ranch                      | //3-291-40/3 | 999 Cunningnam wy.   | Coleville, 96107                        | grass nay                                       |
| All Five Ranch                   | 760-920-2265 | P.O. Box 597         | Big Pine, 93513                         | alfalfa, Hay                                    |
| Kern                             |              |                      |   |   |
| Western Fiber Co.                | 661-747-5581 | 4234 Sandrini Rd.    | Arvin, 93203                            | straw wattles                                   |
| Western Floer Co.                | 001-747-3301 | 7254 Suidilli Ru.    | 74 vii, 75205                           | Staw wattes                                     |
| Merced                           |              |                      |   |   |
| Hugh Yamshon                     | 209-769-4494 | 2821 Healy Rd.       | Merced, 95341                           | alfalfa hay                                     |
| Karen Macedo (Broker)            | 209-722-7911 | 935 Northwood Dr.    | Merced, 95348                           | alfalfa hay and possibly other products         |
| Placer                           |              |                      |   |   |
| Echo Valley Ranch                | 530-823-8320 | 205 Nevada St.       | Auburn, 95603                           | rice straw, alfalfa pellets                     |
| Leno vancy Ranch                 | 330-823-8320 | 203 Nevada St.       | Adourn, 95005                           | rice straw, anana penets                        |
| San Joaquin                      |              |                      |   |   |
| Lee's Lockeford Hay Station      | 209-727-0131 | 18503 N. Hwy. 88     | Lockeford, 95237                        | wheat straw, alfalfa pellets                    |
| John Vander Meulen               | 209-484-7202 | 12784 Carrolton Ave  | Escalon, 95320                          | Wheat straw                                     |
| Stanilaus                        |              |                      |   |   |
| Scott LaMunyon Farms             | 209-535-8164 | Will deliver locally | Waterford, 95386                        | oat hay   |
|                                  |              |                      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |   |
| Shasta                           |              |                      |   |   |
| Hawes Ranch & Farm supply        | 530-365-2332 | 21923 Dersch Rd.     | Anderson, 96007                         | wheat, rice straw                               |
| McArthur Ranch, Inc.             | 530-336-6815 | 26312 Jim Day Rd.    | McArthur, 96007                         | alfalfa grass, alfalfa straw                    |

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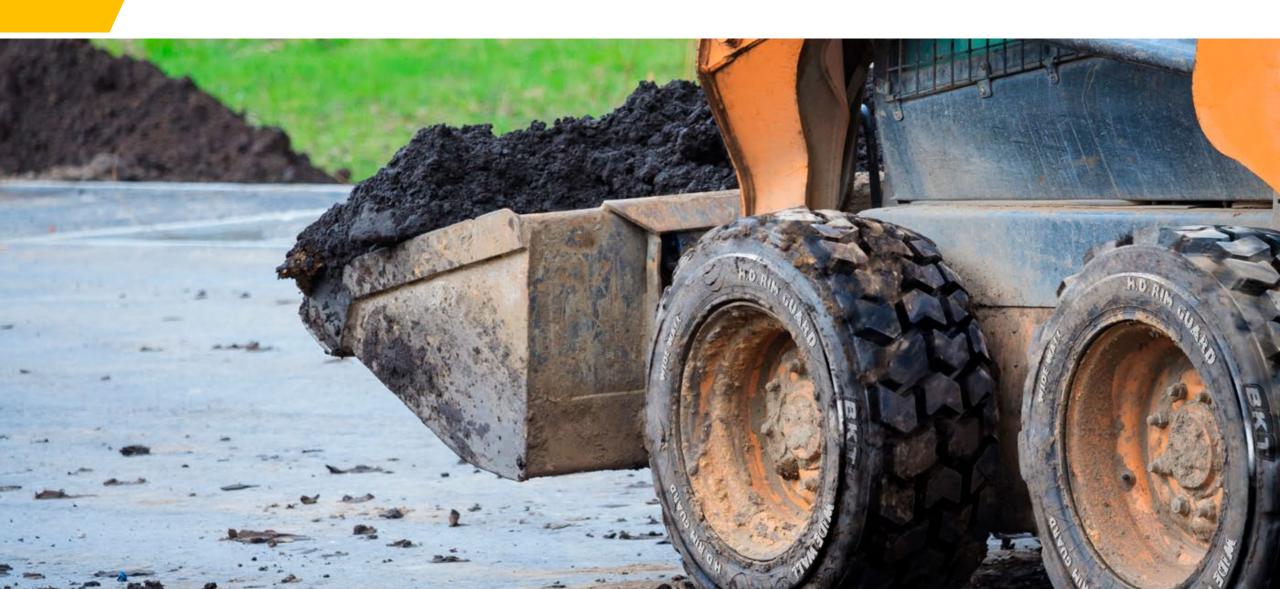
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- 2) Inspect feed sites for unfamiliar plants and treat what you find
  - If ID needed, take to County Ag Commisioner





- 1) Ask equipment coming to your property be clean
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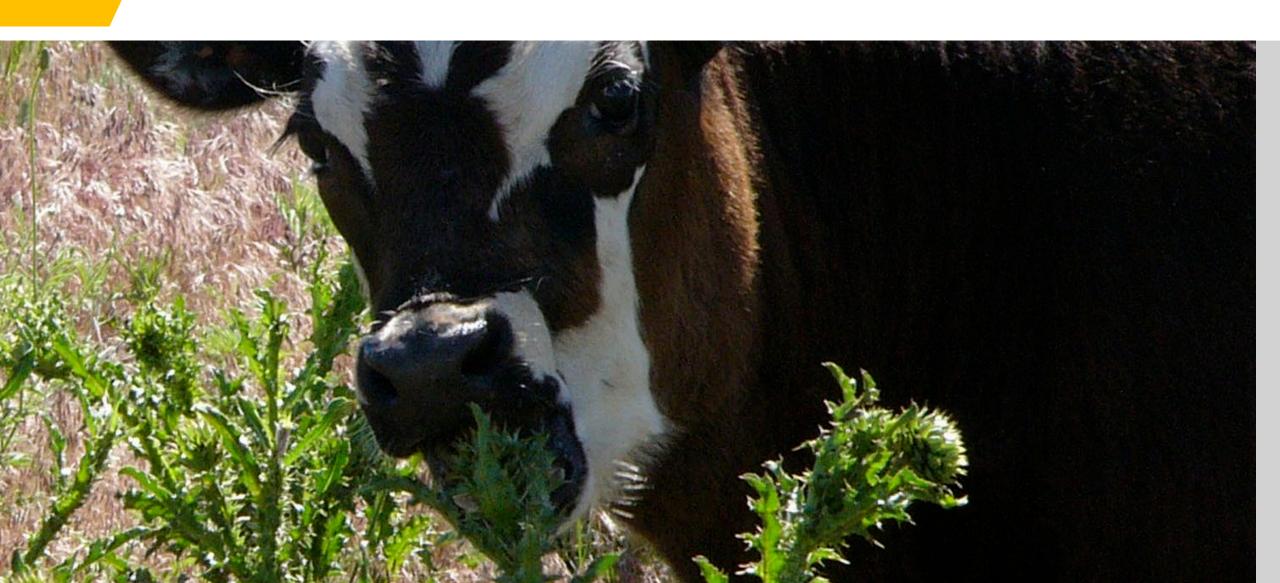


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- 3) Clean equipment between sites, especially if going from weedy to not weedy sites





## Livestock



#### Livestock

- 1) Consider isolating or feeding grain to new livestock until they empty their stomach contents when they arrive on your ranch
- 2) Consider weeds when moving cattle from site to site within your ranch
  - Potential to transfer in poop as well as mud clods or coats



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- 5) Clean and inspect equipment being brought onto your site and clean between weedy and non weedy ranch sites
- 6) Mow before seed set and clean mowers between sites.
- 7) Isolate new livestock or feed weed free forage or grain



# Thank you!

#### **Amelia Ryan**

Amelia\_Ryan@nps.gov

**Vegetation Ecologist** 

**Pinnacles National Park**