



COUNTY GE-FREE INITIATIVES AND THEIR IMPLICATIONS ON FIELD RESEARCH WITH GENETICALLY ENGINEERED CROPS



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The **HORROR**
of Genetically
Engineered Food

IT Came from the Grocery Store

You Can't Avoid
It Because It's
NOT LABELED!

GREENPEACE

From the **LABS** of Monsanto to **YOUR TABLE!**
A **NEW LIFE FORM** Released into the World!





March 2004, Mendocino

-2,579 signatures

- "DNA or deoxyribonucleic acid means a **complex protein** that is present in every cell of an organism and is the a blueprint for the organism's development"
- "unlawful for any person, firm, or corporation to propagate, cultivate, raise, or grow genetically modified organisms in Mendocino County"
- **The ban, as with all county-based initiatives, does not pertain to properties within city limits, or lands managed by State, Tribal and Federal agencies.**
- The initiative identified the County's Agricultural Commissioner as the enforcing agency and directed his office to develop a protocol to inspect and confiscate any GE plants or animals being produced in the county.
- At the time of the election, there were no GE organisms known to be in production within the borders of Mendocino County.
- Measure passed 56.34% for and 43.66% against. The County has 47,000 voters. Actual numbers that voted was "over 27,000" – so 11880 to 15120 so won by ~ 3,240 votes.



Seeds *of* Deception



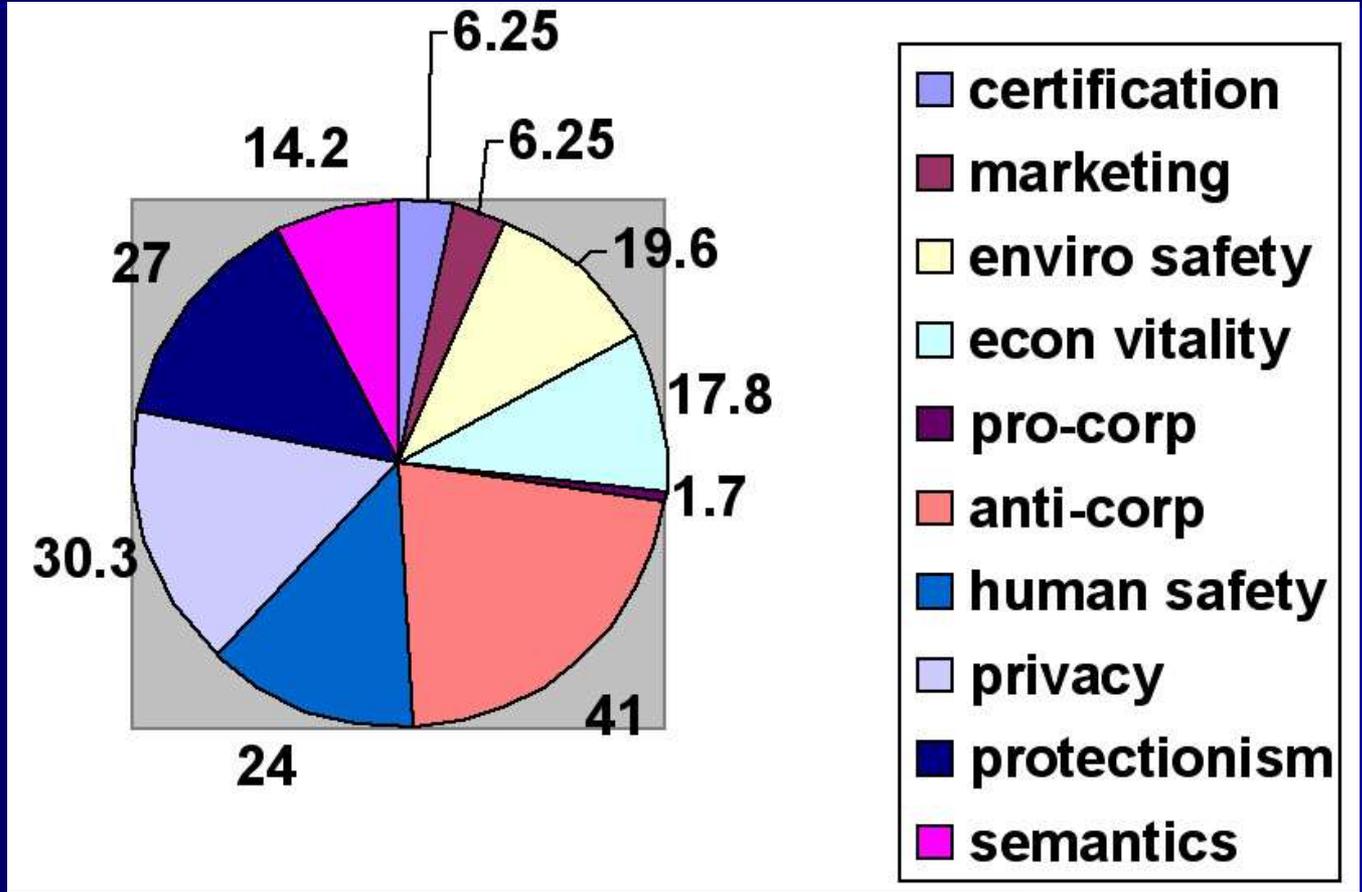
Exposing Industry and
Government Lies
About the Safety of the
**GENETICALLY
ENGINEERED FOODS**
You're Eating

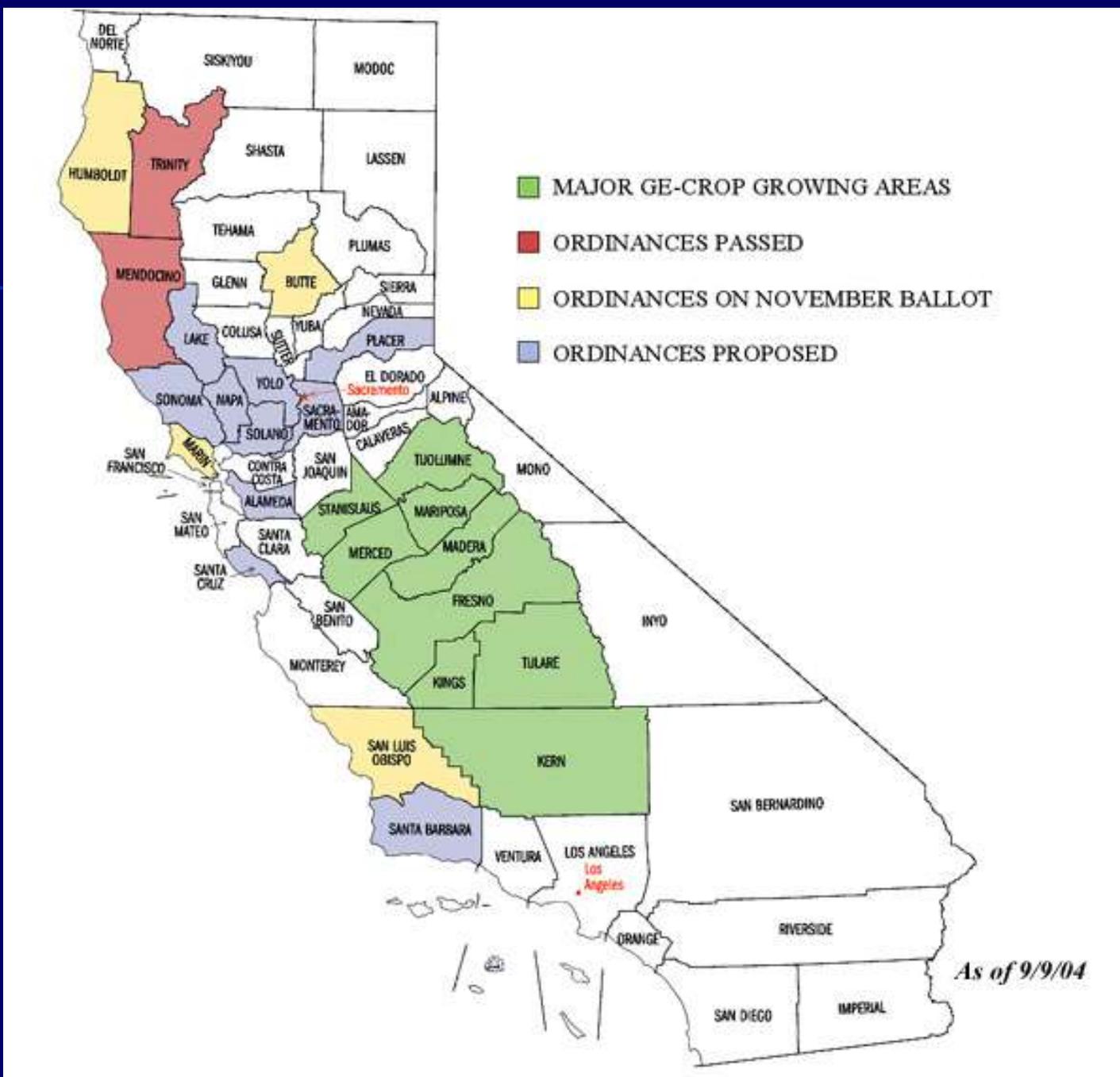
Jeffrey M. Smith





CHARACTERIZATION OF MEASURE H ELECTION RELATED MATERIALS IN MENDOCINO COUNTY







August 2004, Trinity — 0 signatures

- ““DNA” means deoxyribonucleic acid, the material naturally found within living cells which contains the genetic code and transmits hereditary patterns. ”
- “It is unlawful for any person to propagate, cultivate, raise, or grow genetically engineered organisms in Trinity County, and any act in violation of this provision is declared to constitute a public nuisance”
- Saving clause is present “The provisions of this Ordinance are severable. If any provision of this Ordinance or its application is held invalid, that invalidity shall not affect other provisions or applications that can be given effect without the invalid provision or application”
- NO PUBLIC INPUT - introduced at a regular meeting of the Board of Supervisors and adopted by the Board of Supervisors of the County of Trinity in August 2004
- At the time of the vote, there were no GE organisms known to be in production within the borders of Trinity County.



November 2004, Humboldt Ballot initiative — 7,000 signatures

- "DNA or deoxyribonucleic acid means a complex protein that is present in every cell of an organism and is the blueprint for the organism's development. "
- "The people of Humboldt County wish to protect the county's agriculture, environment, economy, and private property from genetic pollution by genetically modified organisms. It shall be unlawful for any person, firm, or corporation to propagate, cultivate, raise, or grow genetically modified organisms in Humboldt County."
- A clause allows the county agricultural commissioner to impose jail sentences on anyone caught growing GEs. Such punishment measures could be in conflict with the U.S. and state constitutions, which leave the power to jail people exclusively with the court system.
- No "saving clause" that could mean that genetically modified crops would still be illegal in the county, even if courts find the enforcement tools unlawful but the Humboldt ordinance has no such disclaimer -- which could throw the entire ordinance in jeopardy.



November 2004, Marin

Ballot initiative — 12,000 signatures

- “DNA” means deoxyribonucleic acid, the material naturally found within living cells which contains the genetic code and transmits hereditary patterns.”
- “It is unlawful for any person or entity to propagate, cultivate, raise, or grow genetically modified organisms in Marin County, and any act in violation of this provision is declared to constitute a public nuisance.”
- “Any person or persons knowingly and willfully responsible for a violation of this Ordinance may be held responsible for administrative and abatement costs. Costs of enforcement shall not be imposed upon any person whose violation is not knowing and willful, nor shall costs be imposed for enforcement for crops planted or animals possessed in the County prior to the effective date of this Ordinance. The County Agricultural Commissioner shall submit an annual report to the Marin County Board of Supervisors which describes all complaints received and enforcement actions taken under this Ordinance.”
- “ **Severability.** The provisions of this Ordinance are severable. If any provision of this Ordinance or its application is held invalid, that invalidity shall not affect other provisions or applications that can be given effect without the invalid provision or application”



November 2004, SLO

Ballot initiative — 11,000 signatures



- “It shall be unlawful for any person or entity to propagate, cultivate, raise, or grow genetically engineered organisms in San Luis Obispo County.”
- “Nothing in this Ordinance shall make it unlawful for (1) **a fully accredited college or university to engage in scientific research or education using genetically engineered organisms under secure, enclosed laboratory conditions, taking precautions to prevent contamination of the outside environment**, or (2) any licensed health care practitioner to provide any diagnosis, care or treatment to any patient”
- “If the Agricultural Commissioner determines there has been a violation of this Ordinance, in addition to confiscation and destruction of any organisms that are found to be in violation, the Agricultural Commissioner shall impose a monetary penalty on the person, firm, or corporation responsible for the violation, taking into account the amount of damage, any potential damage, and the willfulness of the person, firm, or corporation”
- “Section 4. Severability. The provisions of this Ordinance are severable. If any provision of this Ordinance or its application is held invalid, that invalidity shall not affect other provisions or applications that can be given effect without the invalid provision or application. ”



November 2004, Butte

Ballot initiative — 9,649 signatures

- "The proposed ordinance would declare that propagation, cultivation, raising and growing of genetically engineered organisms in Butte County constitutes a public nuisance pursuant to existing Butte County Code Section 32A-2(a)(l). Further, the proposed ordinance would provide that the growing, etc.. of genetically engineered organisms does not constitute "Legitimate Agricultural Operations," which are exempted from the type of activities that can be designated as a public nuisance"
- "Nothing in this Ordinance shall make it unlawful for (1) **a fully accredited college or university to engage in scientific research or education using genetically engineered organisms under secure, enclosed laboratory conditions, taking precautions to prevent contamination of the outside environment**, or (2) any licensed health care practitioner to provide any diagnosis, care or treatment to any patient"
- "Upon final determination that there has been a violation of this Ordinance, the Commissioner shall immediately thereafter cause to be confiscated for the public safety any such organisms as are determined to have been propagated, cultivated, raised or grown in violation of this Ordinance, and shall take such other measures as the Commissioner may deem necessary or appropriate to (1) prevent human or animal consumption of the genetically engineered organisms or any products derived from the genetically engineered organisms, (2) prevent, contamination of the gene pool by genetic material from the genetically engineered organism, and (3) ameliorate any other harmful effects which might result from the violation."
- "Any person or persons knowingly and willfully responsible for a violation of this Ordinance shall be responsible for administrative and abatement costs, as provided in Chapter 32A. Cost enforcement shall not be imposed upon any person whose violation is not knowing and willful"
- "Severability. The provisions of this Ordinance are severable. If any provision of this Ordinance or its application is held invalid, that invalidity shall not affect other provisions or applications that can be given effect without the invalid provision or application. "



Sonoma County – did not qualify for November election - need 40,000 !

Section 4. Prohibitions.

(a) It is unlawful for any person to engage in the propagation, cultivation, raising, growing, sale or distribution of transgenic organisms in Sonoma County.

(b) It is unlawful for any corporation or other legal entity to engage in the propagation, cultivation, raising, growing, sale or distribution of transgenic organisms in Sonoma County.

(c) Any act in violation of paragraph (a) or (b) of Section 4 of this Ordinance is declared to constitute an imminent endangerment of agricultural health and environmental health and as such is declared a public nuisance.

(d) It is beyond the authority of the governments of the United States or the State of California, or any of their agencies, to deny the right of the people of Sonoma County to prevent Agricultural and Environmental contamination from transgenic organisms.

(b) Nothing in this Ordinance shall make it unlawful for state or federally licensed medical or agricultural research institutions, medical or agricultural laboratories or medical or agricultural manufacturing facilities in Sonoma County to conduct licensed medical or agricultural research or production involving transgenic organisms whose reproduction in the environment can be physically contained (following USDA protocols and guidelines at the **BSL-3-Ag containment level or greater** as outlined in USDA Departmental Manual No. 9610-001).



BSL 3: Biosafety Level 3

- **BSL 3** is applicable to clinical, diagnostic, teaching, research, or production facilities in which work is done with indigenous or exotic agents which may cause serious or potentially lethal disease as a result of exposure by the inhalation route. Laboratory personnel have specific training in handling pathogenic and potentially lethal agents, and are supervised by competent scientists who are experienced in working with these agents. All procedures involving the manipulation of infectious materials are conducted within biological safety cabinets or other physical containment devices, or by personnel wearing appropriate personal protective clothing and equipment. The laboratory has special engineering and design features.
- Examples of microorganisms assigned to BSL 3 include **mycobacterium tuberculosis, St. Louis encephalitis virus, and Coxiella burnetii**.
- Practices
 - BSL-2 plus controlled access.
- Safety equipment
 - Biological Safety Cabinet and personal protective equipment required.
- Facilities
 - BSL-2 plus self-closing double door access and negative airflow



IS A MEASURE H INITIATIVE THE ONLY MEANS TO ADDRESS THE ISSUES? THE LAKE COUNTY APPROACH

- Establish 5-year moratorium on introduction of all GM crops and animals unless approved by use permit
- Level of risk for each permit application evaluated and decided upon individually
- Ag Commissioner has abatement powers on non-permitted plantings using public nuisance statutes
- Moratorium has sunset clause terminating ordinance in 5 years unless extended by the Board of Supervisors

G.A.Giusti (2004)



Proposed wording of Lake County permitting process

Section 4. Genetic Engineered Crop Use Permit Process.

- Any person or entity that wishes to propagate, cultivate, raise or grow genetically modified organisms in Lake County must apply for permission to the "Agriculture Commission" to do so.
- The findings must be based upon scientific data that is independent of the data submitted by the petitioner. Scientific data submitted by the manufacturer and/or the University of California whenever a collaborative relationship exists between the University and the manufacturer shall not be considered independent scientific data The findings of the Commission must verify the claims made by the petitioner, manufacturer and University of California using unconflicted, independent scientific data.

Definitions: Agriculture Commission.

- A five-member panel appointed by the Board of Supervisors of Lake County representing a broad segment of the local community, each supervisor choosing one member from their district **Specifically excluded from the Commission are parties with conflicts of interest, including but not limited to Biotech or seed subsidiary companies, employees of the University of California** or other parties that stand to gain or have gained financially from the development of GMO crops. Conflicted parties are encouraged to support the petitioner's request with relevant data. (We request that members be identified as to representation)





Californians for GE-Free Agriculture

http://www.registerlisters.com/calge/signup.htm

CALIFORNIANS FOR GE-FREE AGRICULTURE

Promoting economically, agronomically and ecologically sustainable farming in California.

Join The Action Network of Californians for GE-Free Agriculture

***(required fields)**

*First Name: _____
 Last Name: _____
 Address: _____
 *City: _____
 *State/Province: **California** [v]
 *County: [v]
 *Zip/postalcode: _____
 Phone: _____
 Phone2: _____
 Fax: _____
 *Email: _____

Interests (check all that apply)

<p>I am a (check all that apply):</p> <p><input type="checkbox"/> Farmer</p> <p><input type="checkbox"/> Concerned Consumer</p> <p><input type="checkbox"/> Food Industry Businessperson</p> <p><input type="checkbox"/> Media Member</p>	<p>I would like to be involved in these ways:</p> <p><input type="checkbox"/> Receiving action alerts by email</p> <p><input type="checkbox"/> Receiving an electronic newsletter</p> <p><input type="checkbox"/> Becoming a donor/Helping with fundraising</p> <p><input type="checkbox"/> Coordinating activities in my region</p> <p><input type="checkbox"/> Doing regional outreach (tabling, leafleting)</p> <p><input type="checkbox"/> Organizing on my college campus</p> <p><input type="checkbox"/> Contacting/monitoring the media</p> <p><input type="checkbox"/> Contacting/monitoring corporations</p> <p><input type="checkbox"/> Organizing educational events</p>
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(text is limited to 840 letters & spaces = double the area shown)

Special skills & interests

*Telephone Areacode: [] (enter at least one so we can inform you of local events.)
 Telephone Areacode: []
 Where did you hear about us: _____
 *Password: [] (create one to update your listing)

Continue

Home | Case against GE | Get Active | Resources | GE in the news | Mailbox List
 Contact Cal GE-Free
 created and maintained by agbios.dia



http://groups.ucanr.org/anronuctv/Video_Program_Sales_Information/

The screenshot shows the website header with the University of California ANR on UCTV logo and a search bar. A left-hand menu lists various categories, with 'Sales Information-Genetic Engineering in California Agriculture' highlighted. The main content area displays the title of the program, a small image of a tractor in a field, and purchase information.

Search: search

Main Menu

Information

- Sales Information-Genetic Engineering in California Agriculture
- ANR Programs On-Air
- UCTV Program Types & Time Slots
- Submit a Proposal
- UCTV Programming Sources
- UCTV Distribution
- UCTV Viewership Profile

Video Production Team

Sales Information-Genetic Engineering in California Agriculture

This program is not available in the ANR Catalog.

This 30-minute videotape or DVD can be purchased by:

- **calling** ANR Communication Services at **530-757-8930**
- order by program number: **ANRUCTV 04-06** and title: **Genetic Engineering in California Agriculture**
- or submit an **online** request. To do this, fill out this [ANRonUCTV Online Order Form](#). This method is unsecure, however, and we suggest you call 530-757-8930 to complete your credit card information.

This 30 minute peer-reviewed video explains the science behind genetic engineering, outlines its uses in food crops and animals, details where and why this technology is being used by California farmers, and examines the science-based concerns pertaining to the use of genetic engineering in agricultural production systems.



If you want to view the movie

mms://STREAM.ucanr.org/Windows Media/UCTV_04_06.asf

The movie will also be shown on UCTV - Dish Network, Ch. 9412 which reaches all of North America and cable companies throughout California. The scheduling for its premiere week is as follows. ALL TIMES ARE PACIFIC.

Genetic Engineering in California Agriculture UCTV - Dish Network, Ch. 9412:

Mon, Oct 4, 2004	3:00pm
Tue, Oct 5, 2004	7:00pm
Tue, Oct 5, 2004	10:00pm
Wed, Oct 6, 2004	5:00am
Wed, Oct 6, 2004	4:30pm
Thu, Oct 7, 2004	11:00am
Fri, Oct 8, 2004	2:00am
Fri, Oct 8, 2004	12:00pm
Sat, Oct 9, 2004	8:00am
Sat, Oct 9, 2004	12:30pm
Sun, Oct 10, 2004	9:30am
Sun, Oct 10, 2004	1:30pm

<http://www.uctv.tv/where.shtml>

is the link on the UCTV site where people can find out when their local cable station airs UCTV material (most are not 24/7).

As of October 4 there will be a UCTV streaming video link that will require Real Player.

If you want to purchase a video or DVD

http://groups.ucanr.org/anronuctv/Video_Program_Sales_Information/