



# WAT GOES GREEN

actually, has been for sometime...

## Dave Krause VMS Case Study



As of May 1, 2008, there are 3,438 active members of the online UCCE Master Gardener community. The MG Volunteer Management System we built provides users with the ability to record their volunteer hours, submit contact data, share newsletters and schedule calendar events.

Before they used the VMS, most MGs would submit their hours in person, mail newsletters to each other, and visit the CE office to sign up for events.

If each MG makes a minimum of one special trip per month to the CE office to record hours/data and sign up for events, then the entire state's supply of MGs would make 3,438 round trips per month or 41,256 trips per year. Most MGs do not live in the area where CE offices

are housed; heck, no one wants to live near county offices! Therefore, we can assume a minimum trip of 5 minutes/miles in each direction for each MG.

These meager estimations bring our total miles traveled to 412,560 for the year. The average miles per gallon for the top ten cars (for 2005) is 22.3 mpg. That's 18,500 gallons of gas!

Of course, we do need energy to run the servers that make the VMS possible.

To run all five of our servers, it takes the equivalent of 2/3 of a gallon of gasoline per day. That would be roughly 243 gallons per year. Keep in mind, the MG VMS is just one of dozens of systems housed on our servers.

## Bryon Noel The Green Programmer



Here's what my measly projects saves the environment from:

We save an estimated 124922 pages of paper since only (Fall 2006). Grant proposal systems being online save paper by reducing the number of copies needing to be made and distributed of each proposal. These numbers reflect each document being printed only 7 times; 5 for reviewers, 1 for original copy, and 1 for archiving purposes.

UVE Grants -  $11090 * 7 = 77630$

PDGrants -  $4241 * 7 = 29687$

Exotic Grants -  $2515 * 7 = 17605$

Total: 124,922 Pieces of paper saved in 3 years

Thats: 11,680,207 square inches  
81,113 square feet  
1.86 Acres

Or: 184 linear miles of paper  
\$2498 worth of paper



The Blogs deliver data and information to countless people worldwide saving possibly millions of pages in paper, extending our audience, while spending less on fuel needed for traveling.

DANRIS helps conserve paper and shipping costs.

Chill Calculators helps farmers conserve water, produce better more healthy crops, creating more food, and in general making the world a better place.

## Karl Krist UC Davis Directory



According to Gale Morris of UC Davis Communications resources, 19,000 UC Davis Directories were printed this year. Each directory weighs 1.25 pounds. This is a total of 23,750 pounds of directories that were delivered. Anyone who has spent time in a print shop can tell you that the amount of paper used on the job is probably very close to double that amount, but let's call it 30,000 pounds of paper.

lbuydifferent.org says that it takes 1 whole tree to make about 83 pounds of paper. This means it takes about 361 trees just to print the UC Davis directory. That's 361 trees that won't convert carbon dioxide into oxygen. That's 361 trees that had to be trucked from the forest to a mill. That's 361 trees that go through a mill, shredded and converted to paper. That's 361 trees that will never see their children grow old.

Those 30,000 tons of paper will be printed, bound, cut, packed (in cardboard boxes) delivered via truck to the University. Then they will be delivered to each one of our desks- where they will sit until we throw them away. On the other hand, ANR does not take part in this wholesale destruction of forests, rivers and the very soul of the earth. We have an online directory that meets our needs.

Just another part of being Green- brought to you by the Web Action Team.



In an ultimate act of Green-ness, Alex's Case Study was omitted to save paper.





# OH WAT FUN PAGE



The world's in a big mess because of the things that people do to it. I'll do my bit to help it out by sitting here and doing nothing.



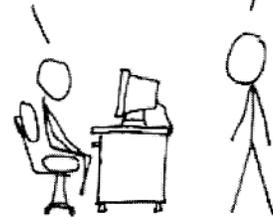
WOW - ENGINES CAN BURN VEGETABLE OIL.

WELL, SURE. YOU CAN BURN MOST ANY ORGANIC MATTER. CORNS, LEAVES, SPICES...

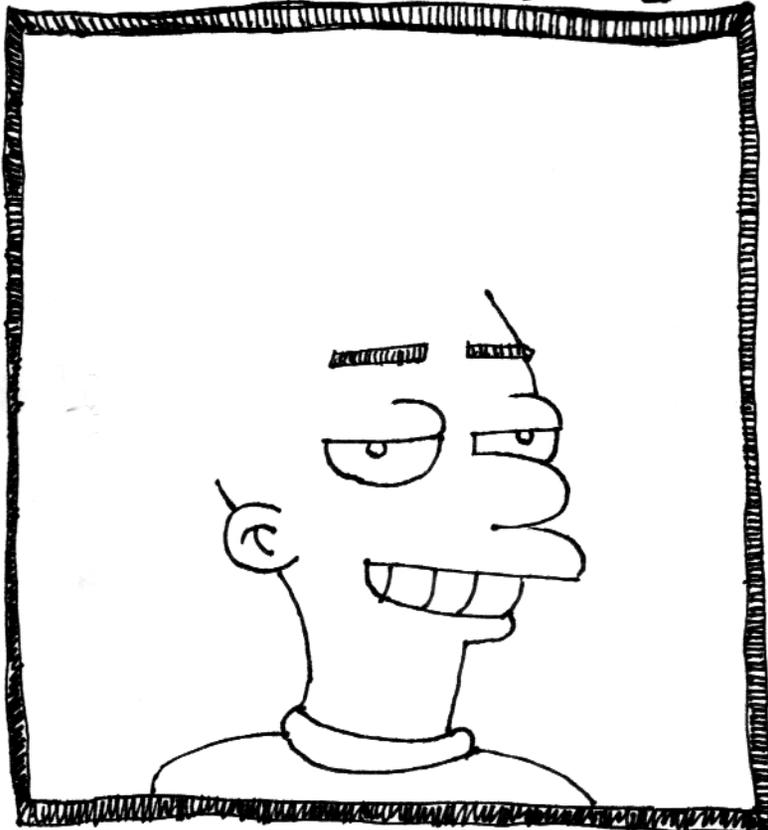
SPICES? REALLY?

SURE - MUSSOLINI MADE THE TRAINS RUN ON THYME.

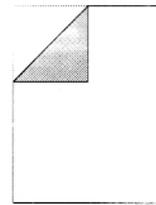
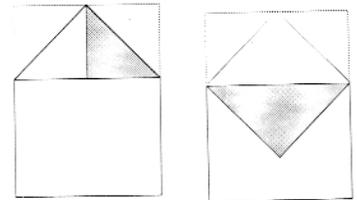
WE ARE NO LONGER FRIENDS.



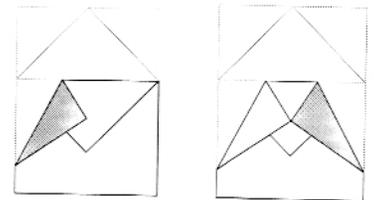
## WAAH! DRAW KARL - SOME - CHAIR!



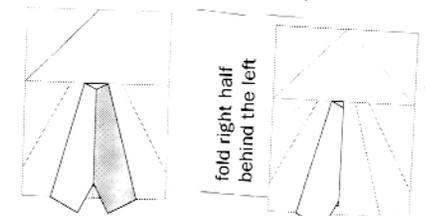
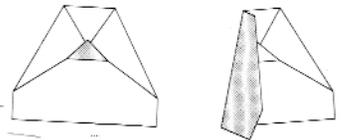
## TURN THIS Flier INTO A FLYER! IT'S POSSIBLE!



fold down the upper left hand corner (use the guidelines if you need to)



in the following steps, fold the paper down to match the shaded area in each picture



fold right half behind the left



fold out wings and throw

OVER PRETTY