

Sustainable Campus: Food Source Group

Fall 1999 Julia Baker Tera Palmer

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- · 10/25/99 Tera & Julia
- 10/27/99 Susan Orne leas

The Problem

The problem as we at the Sustainable Campus Food Source group see it, is that the food served at HSU campus dining services comes from out of the local area and therefore supports fossil fuel consumption, corporate agriculture, and unsustainable life styles. This food selection does not support the local economy. In addition, this food is in many cases contaminated by pesticides, genetic engineering, and irradiation.

Context/Environments

This is not a new issue here at HSU. There has already been some good work done in the area of food source. There are several organic products offered and quite a few local foods. The key player in this issue is Ron Rudebach who is head of dining services. The powers that be, (mostly Ron Rudebach and Arnold Waddell from the depot, but also Mary from the South Campus Market Place,) all seem to be open to new ideas. They are also proud of the progress they have made thus far, and rightfully so. It is important to be careful not to push these people too fast. Susan Orneleas, from the Arcata Educational Farm C.S.A. is very interested in pursuing a relationship with campus food services. It is important not to overlook the importance of student cooperation in this project. If the students don't buy the food, the dining services can not offer it. Ron and Arnold both made it clear that they are very interested in meeting the needs and desires of the students. For example, they have a trial run of organic fruit happening in the J. This fruit is not selling well. This makes it clear that education of students is just as important as working to change the food source structures.

Contacts

The following people are involved with the food source project.

Sustainable Campus Task Force (YES House)- Katie, Director Associated Students- Lisa Dipietro, V.P.
Campus Recycling Program- Alec Cooley, Joe, Fairlight Newman Organic Recycling Board- Katie, YES house, and Lisa Dipietro
*Arcata Educational Farm, CSA- Susan Orneleas (sd3@axe.humboldt.edu, or shatz lab)
*Campus Food Services-Ron Rudebach
The L- Arnold Waddell

The J- Arnold Waddell South Campus Market Place- Mary, Manager Deborah Gereaud- County Agricultural Adviser

^{* =} these people should be contacted monthly to check on the status of the project.

Mull

Food Source Group: Julia Baker, Erik Cortright, Tera Palmer Oct. 13, 1999

Part 1: Mission, Goals and Objectives

1.1 Mission Statement:

To encourage and assist campus food services in purchasing and offering products that are environmentally and socially responsible.

1.2 Goals and Objectives:

in order to

1.2.1 Campus food services shall utilize the wide variety of food products, services and ingredients produced locally as to reduce the economic and environmental impacts associated with shipping.

1.2.1.1. twenty to fifty percent of all produce and other raw ingredients used by all campus food service providers will be of local origin by the beginning of the 2002-03 academic year. For the purpose of clarity, the term local we will define it as anything produced within 300 miles.

Should prices be comparable precedence shall be given to goods produced within Humboldt county as to aid in the circulation of

finances within our immediate and surrounding communities.

1.2.1.2. Twenty to forty percent of all condiments, desserts, snacks and other prepackaged food available on campus will be of local origin by the beginning of the 2002-3 academic year. Again, local will be defined as within a 300 mile radius, and precedence will be given to goods produced within the county for the same reasons listed in **section** 1.2.1.1.

1.2.1.3. Fifty to seventy percent of all vendors in the Depot will be of local origin by the beginning of the 2001-02 academic year. This level shall be maintained indefinitely.

1.2.2. Campus food service will provide a menu more in sync with natural food growing cycles as to encourage the purchase of locally produced goods. 1.2.3. Campus food service will provide organically produced food products and use organically produced ingredients as much as possible.

1.2.3.1. Thirty to fifty percent of all produce and raw ingredients purchased by campus food service providers will be grown organically in accordance to the California Organic Food Standards Act by the beginning of the 2002-03 academic year.

1.2.3.2. Ten to thirty percent of all per-packaged food products will comply with the California Organic Food Standards Act by the beginning of the 2002-03 academic year.

1.2.3.3. There will be a minimum of one organic, vegetarian meal offered in the main campus food facility per day, and one organic vegan meal per week by the beginning of the 2002-03 academic year.

1.2.3.4. There will be a minimum of one free-range, organic meat option made available per day by the beginning of the 2002-03

academic school year.

1.2.3.4. All meals in the "J" will be labeled with respect to their contents and whether or not they include genetically modified foods, and/or bovine growth hormones by the beginning of the 2001-02 academic year.

1.2.4. Campus food providers will actively seek out products and companies which demonstrate a high level of environmental and ethical consciousness.

1.2.4.1. A student/staff committee will be developed to monitor food providers and their business practices to ensure that they comply with basic environmental and social standards including, but not limited, to the following: environmental conservation, fair trade practices, worker justice, and the commitment to preventing the exploitation of international or domestic people and/or resources.

1.2.5. Campus food service providers will minimize waste resulting from the

purchase, production, and sale of their products.

1.2.5.1. Campus food services will decrease the consumption of non-recyclable packaging and supplies by twenty percent before the beginning of the 2001-02 academic year.

1.2.5.2. Campus food providers will make every attempt to minimize

excess packaging of all goods they purchase.

1.2.5.3. Campus food service providers will work in conjunction with the campus recycling program to establish a method of composting all applicable food wastes.

Solution Brainstorms

Enforcing the Goals

- Establish a monitor committee within the class or CSA farm or administration to keep record on progress and developments of the project.
- Incorporate food purchasing standards into the HSU by-laws.
- Continuous monitoring by class members, Housing & Dining and campus clubs (i.e. Sustainable Campus).

Reaching the Goals

- Establish fee increase to fund food purchase.
- · Farmers market on campus.
- Establish market relationship between HSU and CSA Educational Farm.
- Table @ J and other campus centers.
- Exchange college credit for food from student vendors.
- Perform market survey to determine market for organic / local food, and whether students, staff and faculty would be willing to pay more.
- Recipe swap with campus food vendors of ideas for preparing seasonal meals without the unseasonable veggies that they are used to preparing.
- Establish an organic garden on campus to supplement bought produce tended and operated by students, monitored by students and Housing and Dining.
- Purchase food from CCAT.
- Education: flyers; library case display.
- Letter to Lumberjack editor.
- Incorporate bulk bins into the South Campus Market Place.
- Increase student involvement through education and reward.
- Establish a "Windows Organic" either in-house, or a wagon outside on quad.
- Organic / local soup in South Campus Market Place.
- Incorporate Soils Club.
- Offer work study in exchange for student farm labor.
- Trade CSA food for HSU compost.
- Explore all options. More possible contacts: Humboldt Harvest; North coast Growers Assc.; Humboldt Bay Packers; etc.
- * Decision: After meeting extensively with Ron Rudebach of Housing and Dining, and Susan Ornealas of the CSA Educational Farm regarding our ideas, we decided to put all of our energy into education and especially into establishing a market relationship between the CSA and Ron Rudeback. Elements of concentration include: establishing initial relationship; exploring barter financing alternatives (i.e. compost for food); offering work study for student farm labor, and education materials.

Also Keep in contact with Ron Rudebook + Susan Ornealage.

Suggest a meeting with Ron asap at beginning of spring semester.

He's a wonderful man. Good luck!

Evaluation

This semester, Julia and I made substantial progress toward meeting our goals. We established a connection between Ron Rudebach and Susan Ornealas. We did research and education. The primary thing we did was set u p framework for the project. I think we were successful in these things.

One difficult part of this project was communication with other people who are also working on the project. Because it had already been started, it was at times difficult to break into the project and find our place. Once we did decide to work on the CSA connection and education, we still felt a bit left out of the loop. It is very important to communicate with the other groups on the contact list.

Suggestions

Make sure you contact all the other people involved. Don't assume that they will come to you even if it concerns you. Be persistent. Even if people don't call you back, keep trying. Always remember to recognize people for their efforts. Keep those connections strong, especially with Ron and Arnold. Lastly, don't try and do too much. Pick a few specific things to work on and do those well.

Good Luck! Tera TeraP3@Excite.com

Evaluation

This is a personal final evaluation of this class, the process Tera and I went through preparing this project, and my personal involvement.

This class is extremely important! The fact that a class whose students purpose is to evaluate the environmental and social impacts of their University and then implement changes, and finally evaluate the progress of the institution, is institutionalized into the University curriculum is astounding. This accomplishment says a few different things to me about this University. First, it tells me that there are professors like Richard Hansis, and students like Lisa Di Pietro who have the knowledge, motivation and persistence to get a class like this started. Second, it tells me that this University is confident in its intentions to be relatively sustainable, and it is aware and acknowledges that it has a way to go. Third, it tells me that this University values the knowledge of its students in areas other than business and industrial science. Finally, this class has given myself and other students a different perspective of campus dynamics at HSU, and a heightened respect of the challenges a public university may face while trying to implement change.

It will be very interesting to see if this class is offered next semester, as planned.

The process that Tera and I went through preparing this project was very enlightening and positive. We began with some impatience and frustration that we couldn't jump right into implementation of our many ideas, and that we had to spend so much time researching first, but we quickly realized that many of our assumptions were off, and many of our ideas needed to be reevaluated. As we researched, we found that the University had accomplished much more than we had ever expected, and that many of the things they had not accomplished were prevented by very difficult obstacles. We were able to narrow our focus, and decided to put all of our energy into establishing a relationship between the CSA Educational Farm and Housing & Dining of the University. We found Ron of Housing and Dining extremely open-minded, helpful and excited to explore this relationship. We also found Susan Ornealas of the CSA excited and willing about the idea. Within 6 or 7 meetings, the relationship was there, and Susan and Ron were discussing possible contracts. They are still working on it, and expect to be serving some CSA summer strawberries on campus very soon. This experience has taught me how much is possible if one approaches an endeavor without defense and premeditation, that sometimes the intention is there, and all it needs is the right people at the right time to direct the momentum.

Tera and I worked well together. We both put a lot of effort and time into this project, and it paid off. We were off to a slow start, but you need to allow for that if you want lasting results. My hope is that we have compiled information that will help the next group to continue this momentum in a positive direction, and that the University recognizes this work as helpful and non-threatening.

Good Lock! Julia jsb11@axe

Site 9, Box 15 Glen Pitzenbarger Eureka, CA 95501 Adrianne Werren 3385 Middlefield Lane Available August Markets: 1 Weitchpec Nursery / Chile Co. Werren Stitches Products: Chili peppers & assorted pepper plants /07) 444-5549 opa, CA 95546

Products: Green beans, sweet corn, cantaloupe, watermelon, garlic, (530) 629-4950 Willow Creek, CA 95573 PO Box 1392 Michael Peterson Willow Creek Farms

On Site Sales: Year around Available April through November

Markets: 1,4 Produce & flowers (707) 442-5002

winter squash, cabbage, Brussels sprouts, turnips Herb & Elaine Wolfsen Markets: 1,2,3,4 Available August through September
On Site Sales: Late June/ U-pick / Daily 10 a.m. - 5 p.m., On Site Sales: yes Available April through November (707) 839-2017 McKinleyville, CA 95519 2103 Baird Road Wolfsen Farms kets: 1,3,4 acts: Blueberries & strawberries

Products: Cherries, peaches, nectarines, apples & pears Willow Creek, CA 95573 412 Patterson Road Vernon Young V. Young's Orchard (530) 629-2539 On Site Sales: July through August - 10 a.m. to 5 p.m. Available July through October Markets: 1,2,3,4

by appointment

P. O. Box 526 Spencer and Shauna Hill Markets: 1,2,3 sugar snap peas, green beans, sweet peppers, & floral everlastings. beefsteak tomatoes, squash flowers, baby squash, red creamer potatoes, Products: Charentais melons, cherry tomatoes, romas, plums & 530) 625-4170 Hoopa, CA. 95546

Available May through November

THE FARMERS MARKET

all over Humboldt county participate in Markets. The Farmer's Our "Certified" Farmers Markets were among the first in corn, tomatoes and melons, to be found during the season crops, from lettuce, peas, strawberries and apples to peaches, include nearly every farm commodity in this area. Humboldt The range of farm products available at the farmers markets Market is an open-air marketplace full of Humboldt's bounty. California. During the season more than 70 small farms from at the Farmers Market. County's microclimates enable both cool and warm season

FARMERS MARKET DIRECTORY

Products: Angora hats, gloves, scarves, infant through adult sizes & yarn.

you are sure to find the best farm products Humboldt County stroll through one of our festive, open-air Farmers Markets, "Country Spirit". Whether you visit a local family farm or Discover the farms of Humboldt County and share our has to offer.

is sponsored by the North Coast Growers Association. crop production. Many growers offer product sampling and together. Purchasing farm products directly from the growers County family farms, specialty growers, and the community will share their favorite recipes. The Farmers Market Directory The Farmers Market directory is designed to link Humboldt to meet the local farmers, ask questions about products and insures quality, freshness and value, as well as an opportunity

available. locations, dates and times, as well as a listing of products Markets. It includes which Markets they frequent, Market Coast Growers Association members who attend Farmers The Farmers Market Directory is your guide to the North

THE NORTH COAST GROWERS ASSOCIATION

he North Coast Growers Association was begun in 1979 by oting direct marketing of farm products from the field up of Humboldt County farmers for the purpose of consumer. The North Coast Growers Association, with han 70 members, is a diverse group, representing a riety of agricultural products.

P.O. Box 4232 - Arcata, CA 95518 Voice Mail - (707) 441-9999



RMERS MARKET DIRECTOR

Carlotta, CA 95528 (707) 777-3680

Markets: 1 Products: Over 100 varieties of landscape trees, shrubs, vines & perennials

On Site Sales: By appointment year around Available April through November

Stephen Moore & Sebastian Elrite 2488 Sutter Road

Aqua - Rodeo Farms

Products: Pacific Oysters (707) 839-5398 McKinleyville, CA 95519

On Site Sales: Call first Available: All year Markets: 1,2,3,4

Arcata Bay Llama & Angora Co

(707) 822-8661

starts, dried Hydrangea flowers, & herbs Products: Hand spun llama yarn hats, scarves, & baby blankets, hydrangea

Markets: 1,2, & 4

On Site Sales: Call for appointment Available April through November

Arcata Bottoms Farm

(707) 768-9201

Neal Latt PO Box 11 Avaion Farm Board Co

On Site Sales: August - Daylight hours

Available end of July through November

Warkets: 1,3,4 (707) 822-9230 Arcata, CA 95521 3364 Foster

Products: Corn, beets, carrots, lettuce, beans, squash, pumpkins, potatoes

Products: Sweet corn, tomatoes, bell peppers, cucumbers, beans, salad mix, (530) 627-3375 Orleans, CA 95556 Dieston

carrots, potatoes, peas, melons, etc.

Markets: 1,2,3,4

Available April through November

Rich & Linda Simpson P.O Box 4541 Bamboo & Maples

Arcata, CA 95518

Products: Bamboo, Japanese Maples, magnolias, conifers, ornamental trees (707) 825-8730

On Site Sales: All year, Thurs. through Sat. 12-5 or by appointment Available April through November Markets: 1,2,3,4

> Robert & Jessica Bittner Sayside Gardens

PO Box 448 Bayside, CA 95524

(707) 822-9109

Markets: 1 Products: Strawberries, artichokes, herbs, mixed vegetables

Available April through October

Betty Teasley Betty's Country Shop

(707) 946-2465 Weott, CA 95571 PO Box 250

Products: Flowers/Produce: corn & tomatoes

Warkets: 1,4

On Site Sales: Beginning in July Available June through November

PO Box 1025 **BIGFOOT** collections Blue Lake, CA 95525 Bob Filbey

(707) 668-1829

Products: Cacti, succulents, caudiciforms, orchids, ethnobotanicals, carnivorous plants, the weird & bizarre

Markets: 1,4

Available April through November

Erica Christine Justesen Blue Jay Nursery

x 208

Canotta, CA 95528

Markets: 1 Products: Bedding plants, annuals, perennials, vegetables, herbs

Available April through October

Carlotta Flowers

Jane Laddusaw

Carlotta, CA 95528 (707) 768-3779 7032 Hwy. 36

Products: Fresh & dried flowers, and geraniums

Markets: 1, 2, 4

Available July through November

Claudia's Organic Herbs

PO Box 233 Claudia Holzinger & Von Tinstall & Family

(530) 627-3712 Orleans, CA 95556

Organically grown. blends. Also garlic, onions, leeks, romas, garlic braids & herb gift baskets. Products: 20+ varieties fresh and dried herbs. Common & exotic teas &

Available May through November Markets: 1,2,3

On Site Sales: Please call ahead

PO Box 550 Craig Lord Markets: 1 Products: Various vegetables (707) 822-3564 Bayside, CA 95524

On Site Sales: Pumpkin Patch October 1-31, 8 a.m. - 6 p.m. daily Available May through October

Crannell Farms

5466A Dows Prairie Road (707) 839-7307 McKinleyville, CA 95519 Joseph A. Casucci

Products: Organic blueberries, hydroponic tomatoes Markets: 1,2,3

Available April through November

Earth N Hands Farm

PO Box 972 Dean Gilkerson

(707) 668-4346 Arcata, CA 95518

Products: All organic strawberries, raspberries, seasonal fruit, spinach, lettuce, cukes, squash, melons & more.

Markets: 1,2,3,4

Available April through November

Earth and Sky Garlic

PO Box 226 Liz Kinnaman

Hydesville, CA 95547

of garlic. Products: Organically grown flowers & produce, including several varieties

Markets: 1,2,3

Available April through November

Brian C. Muessig Fern Court Farm

311 Lawson Lane

Ferndale, CA 95536

Products: Raspberries, loganberries, boysenberries, waldo blackberries, (707) 786-9556

Markets: 1,4 strawberries, vegetables, & flowers

Available May through August

On Site Sales: By appointment only

Carol Williams Fickle Forest Tree Farm

3015 Fickle Hill Road

(707) 826-2551 Arcata, CA 95521

shrubs & vines Products: Large selection of unusual trees, natives, conifers, flowering

On Site Sales: Appointment only please Available April through November

Markets: 1,4

CONTINUED INSIDE

Gratefully Grown Gardens Products: Strawberries, greens, beans, squash, tomatoes, & cut flowers Carl & Glennda Carlberg / Tom & Maria Krenek Glenmar Heather Nursery, Inc. On Site Sales: Please call ahead for appointment Sylvia Molloy Orleans, CA 95556 Products: Tomatoes, egg plant, peppers, melons, peaches, pears, Willow Creek, CA Clayton McIntosh Sunday 1 p.m. to 4 p.m. - By appointment On Site Sales: May 9 & July 25 Products: Unusual perennials, shrubs, heritage roses, shrub roses, & climbing roses Arcata, CA 95521 Eureka, CA 95503 1582 Freshwater Road Dena Fabbri & Arron Colvin Available April through November Markets: 1,2,3,4 707) 442-6557 Bayside, CA 95524 1469 Walker Point Road Gopher Gardens On Site Sales: Random Available April through November Products: heaths & heather (707) 268-5560 Bayside, CA 95524 Available April through November (707) 822-4780 Bayside, CA 95524 1085 Jacoby Creek Road The Geranium Lady Available June through November Warkets: 1 Products: Fruits & vegetables, maybe some Red Wine 530) 627-3369 O Box 71 Norman Coates Gem of the River Available July through November Markets: 1,2,3,4 Products: Peaches (530) 629-2825 Willow Creek, CA oe Ramos Gambi Orchard Available April through November Markets: 1,2,3,4 persimmons, figs, chestnuts, grapes 530) 629-3736 O Box 924 Fred's Produce Available April through November (707) 826-0708 282 Fickle Hill Road Fickle Hill Old Rose Nursery **Products:** Geraniums & Pelargoniums, zonal, regal, & Ivy 95573 6355 Ishi Pishi Road John & Kimberly Cabot Blaine Maynor Orchids for the People On Site Sales: Please call first Ginger Olsen / Diana Livingston melons, & beans On Site Sales: April through November, Wed, Th. and Fri.; 10 a.m. to 5 p.m. Orleans, CA 95556 Markets: 1, 2, 3 Products: Orchids (707) 677-3509 Arcata, CA 95518 PO Box 935 Available April through November Markets: 1 Products: Oysters, mussels, & succulents (plants) (707) 677-3509 Trinidad, CA 95570 1167 Driver Road Catherine Peterson / Scott Sterner North Bay Shellfish and Succulent Plants Available May through October (707) 442-3209 Eureka, CA 95503 MyTime Ranch (Capricious Cheese Co.) Available May through October Markets: 1, 2,4 Products: Peaches, strawberries, tomatoes, raspberries, onions, potatoes, (530) 629-1909 Willow Creek, CA PO Box 312 On Site Sales: By appointment only Available April through November Markets: Products: Herbs and produce Hoopa CA 95546 P. O. Box 1391 Brandon Pfeiffer Mighty Mountain Herb Farm 6201 Tompkins Hills Road Mel, Marietta & Chelsea Christensen Mel's Meadows Available April through November Products: Vegetables (707) 668-5162 Korbel, CA 95550 19 Maple Creek Rd Merit Cape Available April through November Products: Goat cheddar cheese, & goat ricotta cheese 7333 Humboldt Hill Road Available April through November Markets: 1,3 Products: Flowers, vegetables and plants (707) 733-5101 Loleta, CA 95551 Markets: 1 Maple Creek Farm deans Organics 'em's Organic Edibles Neukom 95573

Orleans, CA 95556

(530) 469-3310 PO Box 451

Products: Specialty cut flowers, organically grown & nursery stock

McKinleyville, CA 95519 Cynthia Annotto Pemberton

(707) 839-3597 3656 Dows Prarie Road Rock N Rose

On Site Sales: Call ahead Available April through November River Rose Flowers

Andreas & Lisa Zierer & Faye

On Site Sales: Daily 9 a.m. to 6 p.m.

Available April through November

Markets:

plants, honey gift packs & herb plants (707) 722 HONY Fax: (707) 722-HONY

Products: Eel River Honey, beeswax candles, lavender flowers, lavender

Shively, CA 95565

156 Ewan Avenue

River Bees

Eel River Valley Seth & Janet Rick On Site Sales: By appointment only

Available April through November

Markets: 1,2,3

snapdragons, asters, statice, & many more throughout the season

Products: Quality raised organic cut flowers, Sweet Williams, astramaria,

(707) 822-4756 Arcata, CA 95521 569 Elizabeth Dr.

Ridge Top Gardens Henry & Mody Hollomon

On Site Sales: Anytime - Please call ahead Available April through November Products: Honey, bees wax, nucs, greens 911 Bayview Street

Reed's Bees

(707) 826-1744 Arcata, CA 95521 David Reed

Markets: 1

(707) 442-7105

(530) 469-3397

On Site Sales: All year

Available April through November

Products: Rhododendrons, azaleas, hydrangeas, ornamental grass,

(707) 839-8777 McKinleyville, CA 95519

lapanese Maples, dwarf conifers, & flowering ornamental trees

Ryan Scott - Don Wallace Singing Tree Gardens

975 Blake Road

Available April through November

Markets: ' & blooming plants (707) 822-7100 Arcata, CA 95518 PO Box 970

Marilyn Kelly Seaside Herbs Available April through November

Markets: 1, 2,

wreaths & bracelets, bouquets, wreaths & baskets

Products: Ornamental & Christmas Trees; floral & seed ,necklaces, head

Products: Herbs, perennials, succulents, house plants, vines, cut flowers,

95 Hilltop Lane Available July through November Markets: 1,3,4 Products: Apples, pears, plums, figs, & currants McKinleyville CA 95519 Russell Lewis On Site Sales: Yes Available May through November carrots, spinach, & garlic Products: Potatoes, tomatoes, lettuce, onions, cucumbers, kale, cabbage, Bayside, CA 95524 2109 Old Arcata Road Terry Kramer / Marilyn Rothe' Bob & Cathy Dolinajec Products: Berries (variety), peaches, pears, plums, apples, grapes, tomatoes, Lewis Orchards (707) 822-9242 On Site Sales: Wednesday through Sunday April through September Available April through November Products: Perennials, herbs, house plants, & Aloe Veras Bayside, CA 95524 2173 Old Arcata Road Bayside, CA 95524 2189 Old Arcata Road Products: Perennials for sun or shade, roses, deciduous and evergreen PO Box 623 Products: Garlic, artichokes, broccoli, cabbage & carrots Markets: 1,2, 4 (707) 786-4835 PO Box 1223 Greg Martin Gregory's Garden On Site Sales: By appointment Available May through October squash & peppers (707) 677-3125 Trinidad, CA 95570 PO Box 725 Ottavio Sabia & "Kahish" Great Ott's Wise Acres Available April through November array of other fine produce Markets: 1,2,3,4 Leaping Slug Farm Markets: 1,4 (707) 826-0954 lacoby Creek Nursery Available April through November Markets: 1,2,4 Products: Large variety of vegetables, nursery stock & cut flowers lacoby Creek Farms Available April through November shrubs, small ornamental trees, vines, bulbs, natives & bog plants (707) 826-2726 Arcata, CA 95518 Nancy & Ton Handgraaf Handgraaf and Handgraaf Available April through Nov Ferndale, CA 95536 6110 Jacoby Creek Road On Site Sales: Tuesdays & Fridays 3 p.m. to 6 p.m. (707) 822-9424 Bayside, CA 95524 F. Jon Leiderman Redwood Succulents Blue Lake, CA Available April through November Markets: 1,3 (707) 677-0789 PO Box 902 Dan Southard & Lisa Jackson Pat & Marguerite Pierce Pierce Farm Products: Specialty tomatoes, peppers & chilis, squash, garlic, onions, peas, (707) 722-4383 Available May through October Markets: 1 Products: Custom redwood boxes containing succulents "Sempervivums" Available June through November Markets: 1, 3 Products: Salad mix, braising mix, lettuce, greens, & other coastal crops (707) 441-3878 Bayside, CA 95524 Redwood Roots Farm Available April through November summer) potatoes, & garlic Products: Seasonal cold crops (till Nov.) greens & Fava beans (during (707) 822-2347 Arcata, CA 95521 Robert & Elizabeth A. Silber R&B Farms Products: Pumpkins, corn & artichokes (707) 668-5387 PO Box 1011 Denis Potter Potter's Produce Products: Plants: ornamentals & medicinal, beautiful & useful, cut sunflowers Trinidad, CA 95570 Potato Rock Gardens Available April through November Markets: 1,2 eggplant, carrots, broccoli, lettuce, spring fall greens, & garlic Products: Tomatoes, sweet & hot peppers, , basil, melons, boysenberries, (530) 627-3320 Orleans, CA PO Box 93 Available April through November Markets: 1,2 greens, melons & winter squash Scotia, CA 95565 Available May through November tomatoes, peppers, eggplant, and squash 1720 Eleventh Street able November Markets: 1 8 Shively Flat Road Criffin abeth A. Dunlap adise Flat Farm e Sales: October 9, 1999 - 10 a.m. to 5 p.m. daily 95556 95525 On Site Sales: Appointment only Products: All Organic: salad mix, snap peas, new potatoes & strawberries Surf's-Up PO Box 12 Samoa, CA 95564 Products: Potatoes, corn, dry beans, green beans, peas, winter squash & Arcata, CA 95521 Paul Giuntoli Warren Creek Farms Available May 1 through November Markets: 1,2 (707) 839-4992 Gena Rickon (707) 768-3342 Carlotta, CA 95528 PO Box 232 Blake Richard (707) 826-8700Arcata, CA 95521 3160 Upper Bay Road Sun Valley Floral Farms Blue Lake, CA 95525 tops, pea top & wheat grass Sprout Girl Hoopa, CA 95546 Gene and Marji Smith Available June through November pumpkins (707) 822-6017 McKinleyville, CA 95519 2370 Hewitt Road Vital Veggies Available April through November Markets: 1 Products: Eggs, vegetables, cut flowers, dried flowers, & house plants Toni's Farm and Flowers (707) 825-0111 Blue Lake CA 95525 PO Box 1233 Products: Lilies, iris, tulips, freesia, various spring, summer & fall misc. cut flowers Available August through November Markets: 1 Products: Tomatoes, sweet corn, peppers, & melons (707) 668-5524 John Stover & Rick Kelly Stover Ranch Available June through August Markets: 1, 3, Products: Sprouts, alfalfa, clover, radish, spicy, broccoli, onion, sunflower (707) 442-6779 Michelle Wyler Available June through August Markets: 1 Products: White peaches, Elberta peaches, kiwi & geraniums (530) 625-4419 PO Box 522 Warkets: 1 1264 Warren Creek Road Toni Brengle Available April through November Markets: 1 Products: Greens & cold crops Available April through November Warkets: 1 Smith Family Farm

CONTINUED ON BACK

Top Ten Reasons

To Buy Organic

1. Protect future Generations

The average child receives four times more exposure than an adult to at least eight widely used cancer-causing pesticides in food.

2. Prevent Soil Erosion

The Soil Conservation Service estimates that more than 3 billion tons of topsoil are eroded from United States croplands each year. That means soil is eroding 7 times faster than it is being built up naturally.

3. Protect Water Quality

Water makes up two-thirds of our body mass and covers three-fourths of the planet. Despite its importance, The Environmental Protection Agency estimates pesticides contaminate the groundwater in 34 states, polluting the primary source of drinking water for more than half the country's population.

4. Save Energy

Modern farming uses more petroleum than any other single industry, consuming 12 percent of the country's total energy supply. More energy is now used to produce synthetic fertilizers than to till, cultivate and harvest all the crops in the United States.

Organic farming is still mainly based on labor intensive practices such as weeding by hand and using green manures and crop covers rather than synthetic fertilizers to build up soil. Organic produce also tends to travel fewer miles from field to table.

5. Keep Chemicals Off Your Plate

Many pesticides approved for use by the EPA were registered long before extensive research linking these chemicals to cancer and other diseases had been established. Now the EPA considers that 60 percent of all herbicides, 90 percent of all fungicides and 30 percent of all insecticides are carcinogenic. A 1987 National Academy of Sciences report estimates that pesticides might cause an extra 1.4 million cancer cases among Americans over their lifetimes. In addition to cancer, pesticides are implicated in birth defects, nerve damage and genetic genetic mutation.

6. Protect Farm Worker Health

A National Cancer Institute study found that farmers exposed to herbicides had a 6 times greater risk than non-farmers of contracting cancer.

In California, reported pesticide poisonings among farm workers have risen an average of 14 percent a year since 1973 and doubled between 1975 and 1985. Field workers suffer the highest rates of occupational illness in the state.

An estimated 1 million people are poisoned annually by pesticides.

7. Help Small farmers

It's estimated that the U.S. has lost more than 630,000 family farms in the last decade. Most organic farms are small, independently owned family farms of less than 100 acres.

8. Support A True Economy

Although organic foods might seem more expensive than conventional foods, conventional food prices do not reflect hidden costs borne by taxpayers, including nearly \$74 billion in federal subsidies in 1988. Other hidden costs include pesticide regulation and testing, hazardous waste disposal and clean up and environmental damage.

9. Promote Biodiversity

Mono-cropping is the practice of planting large plots of land with the same crop year after year. This approach tripled farm production between 1950 - 1970, the lack of natural diversity of plant life has left the soil lacking in natural minerals and nutrients. To replace the nutrients, chemical fertilizers are used, often in increasing amounts.

Single crops are also much more susceptible to pests, making farmers more reliant on pesticides. Despite a tenfold increase in the use of pesticides between 1947 - 1974, crop losses due to insects have doubled-partly because some insects have become genetically resistant to certain pesticides.

10. Taste Better Flavor

There's a good reason why many chefs use organic foods in their recipes- they taste better! Organic farming starts with the nourishment of the soil which eventually leads to the nourishment of the plant and, ultimately, our palates.

SCTF SPRING 99 Survey

| Please circle one: |
|--|
| Would you be willing to pay for organic food on campus? Y or N |
| Please check: |
| What organic options would you like to have? |
| Fruit |
| Vegetables |
| Soups and/or salads |
| Cookies and/or muffins |
| |
| |
| |
| |
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Erik Cortright: 825-9244 efc1 / lisa Thursday 10/7
Moonstone Rm 2:30
Stownge 20000
Guestion Sheet Kandall Wilson Jr.: 822-4988 rwf4 Objectures? 1. Structure institutionalized before end of \$ \$ Fall 99 so work can continue \$ 20-50% of all produce of all food entitieson campus will be bought locally bys. 2001.

3. 20-50% of all produces ont all food entities on campus - organic by Spring 2001

4. 170-100% of all grains + grain products on campus bought in bulk and bought locally 1 and and as much as possible, bought organically by spg. 2001.

5. Locally produces condiments, deserts, snack + packaged food options available for as many toods as possible, das often as possible, asap. 6. When unavailable locally, as many sustainably / ethically produced options as possible will be of bered. 7. 50-90% of package waste reduction of toods purchased by University for Capeterias of Coumpus markets & resturants. 8. Farmers Market on campus twice a month by 2001. Why? 9. Bulk bins in campus markets/storesby Spring 2001
10. Small on campus markets providing some some organic produce to campus good entity. 11. through education, encourage a demand for local y organic tood on campus. 12. Food rendors on campus be smith Local businessess tothe sections 1.e., Muddy Westers + other depot Vendors (Los Bagels, etc) 13. Change Biddling briteria for tood 14. Local and/or Organic Beef/Chicken

Characterize Environment

* CHECK OUT *

1. List of food sources on Campus + who owns them?

a) J - Will UC Center: LJE+ UC

b) Depot - War UC Center

c) Windows - UC Center

d) Bookstore - Water UC Center

e) South Campus Market Place - UC Center

5) Vending Machines -?

- 2. Invintory of type + percentage of locally bought forganic food available in above entities.
- 3. Invintory or local fororganic food products available throughout tumbold County & there practicality as University purchases i.e., type, company, quantities, prices, what they what like products they can replace & for what price difference provide total B difference

a. food plan for each campus sholesoft vendor incl. Price difference & env. Impact difference for replaced products.

4. Investigate problems w/ unpackaged foods in this moist climate ie, mold etc.

5. Do entities have or have capacity for storage + presentation of bulk + organic Goods (health code, etc.)

Economic, Political, Social Culture.

1. We are dealing with a partnership between a State entity and a not for profit apiliate.

-- What will this mean politically? --

2. Who has already been working on this?
- As3 lisa, Rob
- Sustainable Campus

To telp campus food services to frite that the purchasingand of products that the are are socially & environmentally responsible. Mission - To have campus food services proces offer products that are socially and environmentally friendly, Mouseur compus tood purchased USE the seast ammounts I Food that is local (as much as possible) 2 tood that is organic (") I Food with the last amount of packaging Foodthat is healthy to eat (least processed, fresh, test just food more "healt food" Vegetarian Selections (1015) 3 Food Suppliers who have good his rese ferros ethics + good worker conditions, political otationents, etc. Objectives #V. educate students about Eating lower food chain, Wo ostricizing meat easers, atm jord food ate educate about food production, perstunded resolute use etc. questions what food is available locally (produce) This Suggests offering a note sessonal memi The CSA has talked about Supplying before - What Stopped them?

internamentally the How you who was the for How Do we sperify the issue determine goals Voilues Chanackerra Envolonment Characterice Characterize legal + reg. the economic, setting Social, political sith Integrate Information Conduct Decision > evaluation Other goals OKYEDITES monitory 1 dentity Assessment Corporale involvement Options energy/electricity Efficient Choices (buildings) transportation Forecast awarness more convenient recycling landscaping-plantselection Assess, refine + hands on projects narrow options make costeppecture Decision monetarus Comet Ppartupation · I dear Inethods better comm. - Influencing highest levels or administration decided areas Water waste * Food \$ source * making things real topeople - involvement in process Paper (purchasing) - rewards Transportation Landscape

Contacts: derocar to del poder Eddie (Depot) Timeline 1. Determine Goals - Imish for next wk. 2. Characterize Env. - Think about 3. Econ., Political, Social, Cultural - think about 4. legal & Regulatory Setting- think about methods: 1. brainstorming 2. editing Outcomes GOOLES Food Source mission & Organic + Local protions
Possible affects/
Specific Organs (objectives) Outcomes 1. local + organic produce in depot + J + campus stores Oliflone- 2. encourage Conservation economy 3. connection between campus & community 4. Use of the Community Ag farm

5. Support of local economy

6. Shortening transportation links

7. Lessening env. impact of University Choices: H2U, etc. 1. Education through food/energy into by food Choices

Sustainable Campus Food Source Group Tera Palmer, Julia Baker

Sent > November 12, 1999

Ron Rudebach Arnold Waddell Eddie Aguiler Campus Dining Services Humboldt State University Arcata, Ca 95521

Dear Mr. Rudebach, Mr. Waddell, and Mr. Aguiler,

We in the Sustainable Campus class here at HSU would like to take this opportunity to recognize the great changes that you have helped to create in campus food services. As students, it is refreshing to know that you are concerned with meeting our needs as well as supporting the local economy and the health of the campus community.

We are pleased with the new local vendors in the depot such as Muddy Waters, Los Bagels, and Spoons. We feel this change is important because it helps support our local economy, and decreases the amount of resources used in food transport. We particularly appreciate Spoons and its organic selections. We are also pleased to see the growing selection of local packaged food from the Pacific Rim Noodle House, Spoons, The Royal Cookie Caper, Casa Lindra, and others. In addition, thank you for continuing to offer organic food in the J. We are excited to be able to buy food that is healthy for the environment and for us. We would especially like to thank Mr. Rudebach for joining us on a tour of the CSA Farm and a discussion of future possibilities.

The availability of composting utensils also delights us. The effort to reduce waste is an extremely important change that reflects your ability and desire to help accommodate the dynamic needs of the students, the environment, and the population as a whole.

Campus food services have made significant steps toward creating a sustainable campus. We thank you greatly and look forward to working more with you on these issues in the future.

Sincerely,

Julia Baker

Tera Palmer

Top 5 Reasons to Buy Organic

(Organic= Food not grown with synthetic products, genetic engineering, or irradiation.)

- 1. Protect future generations: The average child receives four times more exposure than an adult to at least eight widely used cancer-causing pesticides in food.
- 2. Prevent Soil Erosion: The Soil
 Conservation Service estimates that
 more than 3 billion tons of topsoil are
 eroded from United States croplands
 each year, (7 times faster than it is being
 built up naturally).

 Sustainable
 campus
 campus
 class

3. Protect Water Quality: The EPA estimates pesticides contaminate the primary source of drinking water for more than 1/2 the country's population.
4. Save Energy: More energy is now used to produce synthetic fertilizers than to the United States.
5. Keep Chemicals Off Your Plate: The herbicides, 90% of all fungicides and herbicides, 90% of all fungicides and such single in addition to cancer.
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Class

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Meeting with Lisa, A.S. President who has been working on Food Source issues since 1999 spring semester

10/1/99

Present: Julia, Tera, Lisa

 Issues she has worked on: Local Vendors in Campus Food services Composting Utensils
 Organic Food Trial Period in the J

- Other people who have been involved: Sean Armstrong (current CCAT Director), Fairlight Newman (CRP)
- Rod Rudebach is in charge of all dining services. He said that the testing of organic fruit at the J has not been very successful. He would like a survey completed to find out exactly what kind of organic food students would buy. He is willing to work with students and wants to accomadate our needs.
- Housing (Corey Sabatto) is doing a survey and Lisa submitted a question for the survey asking what type of organic food students would buy. Multiple choice format, broad catergories.
- Other info: Arnold Waddell is the manager of the J. Eddie (?) is the manager of the depot.

Food Source Meeting 10/25/99

Present: Tera, Julia

• Do we want to do a survey in the Depot or the J?

First we should check on the status of the housing survey.

• Tomorrow we are meeting with Katie from the Sustainable Campus Task Force at the YES house.

We want to find out what they have done and what our different roles will be. We are going to start documenting everything we do and we will give a copy to the task force for our files.

Education

Table tents: we are thinking about doing these in the J to increase the demand for organic food. Tera is gathering info for these. We need to find out how to pay for it. Would the J pay for it? We want to have a draft of these by the fifth.

Tabling: We want to think of something interesting to do while tabling. Julia is working on this. Possible idea, food jepordy. We want to table on the 11^{th} at the J.

• CSA as produce suppliers for campus?

We are meeting with Susan Orneleas at Muddy Waters, Wednesday at 9 AM. Possible questions for her:

- 1. Has this been talked about in the past? What happened?
- 2. What does susan think would be a practical approach?
- 3. What kind of costs for a bulk share?
- 4. Brainstorm, make connections.

Present: Susan Orneleas from Educational Farm, Julia, Tera

- Julia and I set up this meeting to brainstorm with Susan about how to connect the Educational Farm with Campus Food Services.
- The first thing Susan said is that we need to check to see what kind of contract campus food has with sysco and/or other suppliers. What are they committed to?
- Something else useful for this project would be to make a spreadsheet showing type and quantity of produce the university needs versus what the local farms have. For example how much broccoli does the J use and who grows it around here. How much could they supply?
- The normal cost for a CSA share at the educational farm is \$400 annually. They get a weekly supply that should feed a family of 4.
- Price is always an issue, especially with organic. Sysco may be rock bottom cheap. The university has said that while they need to cover their costs, they are not necessarily looking to make a profit. Susan said the Educational Farm can be competitive with prices because they have free land and labor. There is also the possibility of trading for compost via food waste at school. Maybe when a truck delivers veggies it can also drop off food waste/compost.
- The North Coast Growers Association has a list of farmers from the market and products they offer.
- One issue with small farms is the fluctuating supply.
- Burritos and soup are good because you can use any vegis that you have. We talked about having a little section of the Depot to sell local farm burrittos run by students, possibly work study. Maybe this could be a long term goal but right now we need a smaller step. It brings up all sorts or issues of organization, liability, and space.
- Another idea was to make a "CSA soup" and offer it in the South Campus Market place.
- Strawberries are also an easy, popular snack that the Arcata Educational Farm offers.
- The soonest the Educational Farm could possibly start supplying would be this summer.
- The Arcata Educational Farm could contract by the month or 3 month or other possibilities. Another option would be for them to dedicate a 1/2 acre or so to the University. The minimum to make it worth while would be one box per week, a normal share.
- Susan can be reached at the Schatz research lab at the University Anex: Monday, Wednesday and Thursdays. 826-2722

Present: Ron Rudebock (head of dining services), Julia

- I asked Ron if the UC Center would consider exploring a relationship with the Arcata Educational Farm (AEF), aka Community Supported Agriculture (CSA), in hopes of offering more organic and local produce on campus. Some possible benefits that I presented to him are below.
 - 1. The AEF sells "shares" of fresh produce to individual members of the community at an annual cost. The UC Center could start with shares of mixed seasonal veggies to be used in stirfrys, burritos, pasta dishes and soup in the J, Depot and Windows.
 - 2. Shares of specific items like salad mix or winter squash could also be obtained. Things like strawberries, a very feasible winter / spring crop, could be sold by the basket @ the South Campus Market place.
 - 3. Because the AEF has no land cost, and very little labor cost, the cost of the food should be very competitive with conventional, large-scale prices.
 - 4. Because the AEF couples as an educational farm affiliated with HSU through Susan Orneleas' Community Agriculture class, HSU students have a significant role in growing and marketing the food. We hope this will support a sense of pride in the purchasing of the food by students.
 - 5. A stronger connection between the AEF and the University could possibly create more work-study positions and more opportunities for independent study projects.
 - 6. Another possibility is a future barter between the AEF and the UC Center. Because of a growing need and desire to reduce food and yard waste, the UC Center is considering on-site composting. An excess of compost is expected, of which the AEF has noted interest. An exchange of compost for food is possible, further reducing the cost of the food for the UC Center.
 - 7. The AEF is very willing to contract with the UC Center on a month to month basis. They are also willing to begin the relationship with a trial period.
- Below are the concerns noted during the meeting.
 - Ron is concerned that certain veggies might not keep as long as they need them to keep so as not to waste them. He suggested that heartier veggies like potatoes, winter squash and broccoli might keep longer.
 - 2. Ron is concerned that the lease that the CSA has with the State may not be long standing, or relatively stable.
 - 3. With year round operations, the summer market may be unpredictable.
- Ron Rudebock is a very kind and approachable man, and very interested in making this work. He seems optimistic about these ideas and wants to dedicate time and effort to making them happen. Our next meeting will be a tour of the AEF with Susan Orneleas, Ron, Tera and myself. It is scheduled for Thursday, 11/12, @ 2:30.

11/12/99

Present: Tera, and Mary the manager from South Campus Marketplace

- I told Mary that we have been meeting with Ron and Susan and that we were trying to get more locally grown produce at campus dining services. We really like the idea of using the Educational Farm (CSA) because students help grow the food and it is completing a loop.
- We had noticed that the South Campus Marketplace (SCM) usually offers soup. We thought it would be a good opportunity to use CSA veggis because you can make soup out of what ever type of mixed vegis are available, and you don't have to worry about consistency. Our idea was to have A "CSA soup" with a big sign about how the students run the CSA and it's local and organic.
- Mary said that the soup they use is frozen and they just defrost it. They do not have any type of kitchen facilities, so they can not make soup there. They do get sandwiches made at the J and delivered. This could possibly be arranged for the soup too.
- Another idea we had was strawberries because the CSA can easily grow these. Mary said she thought this was a good idea as long as they were prepacked and washed because she does not have the facilities to do so.
- She seemed very open to the idea and we agreed to keep in touch. I explained that the CSA must have time to plan and plant for this new market.

AEF / CSA Meeting

11/12/99

Present: Julia, Tera, Susan Orneleas, Ron Rudebock

The purpose of this meeting was to give Ron a tour of the Arcata Educational Farm (AEF), and introduce Ron and Susan to eachother. Ron and Susan talked about the possibilities of exchanging compost for produce in the future, and about the possibilities of providing AEF produce to the University. It was decided by Ron and Susan to continue meeting on this subject in order to draw up a feasible plan. Both thought that strawberries for this spring / summer, followed by a trial period summer 2001 with other veggies is a possibility.

The relationship between the UC Center and the AEF depends somewhat on whether or not the City of Arcata dedicates the land where the AEF now grows as an agriculture education park, or if they continue to keep the AEF on a year lease.

Susan thought it very possible that the AEF can utilize the University's excess compost in exchange for food. However, this idea depends on the University obtaining a digester, which is still being negotiated. The main challenge with the digester is finding space on campus to put it.

The meeting was very positive and hopeful.