

Kite Hill example--
Mow monthly at
8-12 inches high and
convert flammable
weeds back to fire-
safe wildflowers!



JOIN the Portola Valley-Stanford-Woodside “Convert the Weeds to Wildflowers” Club

2023 Summer classes at Kite Hill Wildflower Preserve, Woodside - Sundays 10:30AM.

DATES: *July 9, August 13, September 10 & October 8* - Cost \$40 per person.

MAXIMUM 10 per class— RSVP to craig@ecoseeds.com by noon, the day before.

Copyright © 2023 by Craig Carlton Dremann, The Reveg Edge, Box 361, Redwood City, CA 94064
CELL/Text - 650-441-9323 – Email craig@ecoseeds.com. Craig grew up in Woodside, and has restored 800 acres of grasslands in California, back to 95% or better native cover since 1992.

- **MEET behind the Jane Drive Gate, and arrive by 10:20AM.** Workshop is 1.5-2 hours long, and you can leave early if you need to. **No ticks or rattlesnakes** on the preserve, and **no bathrooms** either. **Just park along Jane Drive, and the preserve is open 24/7.**
- **WEIGH your MOWED STRAW--** At home, weight one square foot of mowed weed grass straw in grams, and bring that number with you. If no gram scale, bring a one square foot of the mowed weed straw in a paper bag and we will weigh it there, to calculate how much fire fuel you have per acre.
- **The 2023 Woodside-Portola Valley record so far is 21,200 pounds** of mowed weed grass straw per acre around a Woodside home.
- **When you mow only once a year for “fire safety” for the summer, a minimum of 4,000 pounds** of dry straw fire fuel is left on the ground from May to November, as a potential threat to your home, family, and belongings.
- **In our Peninsula hills, dormant native wildflower** and native grass seeds are underneath these flammable grass weeds are, waiting for you to unearth them, and replace those weeds and make your property fire safe. ***Wildflowers protecting your home, is the best fire insurance possible.***
- **At Craig’s class--Learn how to identify the weeds and the natives.**

- **See how monthly mowing at 8-12 inches high**, is able to get rid of the weeds and at the same time, unearth dormant native seeds in the soil and replaced the weeds at the Kite Hill.
- **When you replace the weeds with wildflowers**--You have permanently eliminated 98% of the weed grass fire fuels. Plus, the summer-blooming wildflowers like the tarweeds, which stay green all summer, add a fireproof layer on your property and protect it.
- **Learn how FERTILIZERS can get rid of weeds**--Many persistent weed grass and thistles are nutrient issue, so you need to start with the **A-01 soil test for \$32 from the Waypoint Lab**.
- **Craig's yellow star thistle test plot at Kite Hill, shows soil tests**, and then adding fertilizers and with no hand pulling, it is possible to get rid of 99% of those thistles in only 90 days.
- **Run your own SOIL TESTS, and then add fertilizers to rid of your weeds** --You need to get a one quart sample of your weed soil, sift it through 1/4 mesh screen to remove rocks and vegetable matter and send it with a check for \$32 to the Waypoint Lab in Anaheim, and fill out the sheet I have attached. Ask for the "A-01, data only in a bar graph format" -- *Example of the A-01 test results from the Portola Valley Spring Down meadow soil test is shown below.*
- **LOW in NITROGEN, start by adding 16 pounds per 1,000 square feet** of blood meal you can get locally from Alex at Hassett Hardware in Palo Alto. The Spring Down test is too low.
- **LOW in PHOSPHORUS, start by adding 20 pounds per 1,000 square feet** of the Hi-yield brand bone meal you also get from Alex. Spring Down test shows that the phosphorus is low.
- **MULCH TOPPING--When you add either or both of those fertilizers**, also put down a layer on top of 4 cubic feet of Super soil potting mix per 1,000 square feet, just a sprinkle on top-- which you can also get from Alex, or from Outdoor Supply Hardware in Redwood City.
- **ADD FERTILIZERS in LAYERS**--If you add both blood meal and bone meal, put the bone meal down first, then the blood meal on top, and then the potting soil. Small areas, water for one hour with a sprinkler twice a month. Then, take another soil test in August to see if all your nutrients are in the optimum zone. Or add in September and recheck in November.
- **SECOND SOIL TEST shows still low in either or both** -- Add more by December, to get your area ready for spring. The wildflowers and native grasses need adequate soil nutrients to grow.
- **WEIGH your WEED GRASS STRAW in JUNE or JULY** – In June or July, check the mowed weed grass straw on the ground around your home, with a gram scale. Gather up one square foot and weigh it in grams, then multiply that number by 100 to get the number of pounds per acre still on the ground and able to burn all summer.
- **Tax deductible donations for Craig's research** to convert Weeds to Wildflowers, mailed to Kevin Bryant, Woodside Town manager, and add a note -- "Craig's Kite Hill Research Fund".

Sample Id : **Spring Down**

Test	Result	Sufficiency Factor	EXTRACTABLE NUTRIENTS					NO3-N
			Very Low	Low	Medium	Optimum	Very High	
Available-N	26 ppm	0.6	[Bar chart showing 60% of optimum]					10 ppm
Phosphorus (P) - Olsen	16 ppm	0.6	[Bar chart showing 60% of optimum]					NH4-N 16 ppm
Potassium (K)	168 ppm	1.2	[Bar chart showing 120% of optimum]					
Potassium - sat. ext.	0.2 meq/L		[Bar chart showing 100% of optimum]					Total Exchangeable Cations(TEC)
Calcium (Ca)	1320 ppm	1.0	[Bar chart showing 100% of optimum]					
Calcium - sat. ext.	3.3 meq/L		[Bar chart showing 100% of optimum]					
Magnesium (Mg)	158 ppm	0.9	[Bar chart showing 90% of optimum]					
Magnesium - sat. ext.	1.0 meq/L		[Bar chart showing 100% of optimum]					

Test shows that nitrogen and phosphorus are about 60% of optimum levels, and need to be added.



SOIL SAMPLE SUBMITTAL FORM

4741 East Hunter Ave. Suite A, Anaheim, CA 92807
Phone (714) 282-8777 - ask for soil testing when you call

COMPANY / NAME: _____

ADDRESS: _____

CITY _____ STATE _____ ZIP _____

ATTENTION: _____ PHONE #: _____

JOB NAME _____ DATE _____

Please indicate your preferred mode of receiving data & reports. Mailed copy required? []

EMAIL: _____ or FAX: _____

Additional emails: _____ and _____

payment by [] CHECK or credit card is required at the time of service [] Amer. Exp, M/C or VISA

If paying by credit card, we will call for your information.

One quart samples taken from the top two inches, sifted through 1/4 inch mesh screen to remove rocks and vegetable matter —

Sample names/locations: Please put these names on your sample bags also!

- 1.) _____
2.) _____
3.) _____
4.) _____

EXISTING LANDSCAPE: Maintenance or Troubleshooting

- [] A01 Partial fertility (A17 without micronutrients) -- \$32 each
[] A17 Complete nutrient availability, salinity, pH, sodium, and boron. --\$55 each
[] Organic matter test (optional) -- \$16 each

DATA ONLY, in a bar-graph format

Turnaround time: [] NORMAL: 5-7 working days.

(check one) [] RUSH: 3-5 working days at normal cost plus 100% of the analytical fee.

Authorized by : (signature) _____

(print) _____ Date: _____ Rev.