

## **Chat that took place during the video presentation on OakWoods Farm, 2/2021**

Love the sounds of the biosystem around the high tunnel!

When was the video produced ?

Patrick Byers: During September, October, November and December 2020

So the spinach is direct sown but the lettuce was transplants ?

KS: Yes. You will see the lettuce being transplanted soon.

Would like to know what variety of tomatoes they grow ?

KS: Tomato varieties are Mountain Fresh, BHN589, Carolina Gold, Black Krim, Sun Gold Cherry are some.

What fertilizer do you use to prep your beds?

KS: The fertilizer is Nature Meal. We use diluted fish & kelp on our seedlings.

Where do you get your seeds?

KS: We get most of our seeds from Johnny's but use Territorial and High Mowing too.

We have fish bowl problems too---this year we skin the tunnel. What should we do to prevent this? Run another purlin close to the ridge vent? Urban Buds, STL

DS: On the ridge vent, make sure it's stretched tight from end to end.

Re: insecticide - Pi-Ganic?

Patrick Byers: Pyganic

Which essential oils do you use?

KS: 100% pure therapeutic grade oils, Orange< Cedarwood, Peppermint, Lavender, Lemongrass

KS: We've had the most success with orange and peppermint. 20 drops orange, 10 drops peppermint per gallon. Peppermint repels, orange will kill in strong enough dilutions.

Per gallon of water ?

KS: Yes, per gallon of water.

Are there any concerns with food allergies with the oils being applied to lettuces? I'm assuming they are so highly diluted it may not be an issue.

David Middleton: The oils being used are applied to skin or even taken internally, you need to use quality oils not fragrances. there is no carryover on taste or allergies that I am aware of as we are using natural plant based oils

For those of you interested in more information on essential oils you can contact me David Middleton [middletond@lincolnu.edu](mailto:middletond@lincolnu.edu) or 417-466-8056

How do you determine how many days you add to your days to maturity ?

KS: I really rely on my past records to determine at planting when they will be ready to harvest.

KS: We like 12" and run one line per foot of bed width.

might be rude but what might be your average \$\$ on market day ?

KS: Depends on what I bring to the market and what time of year it is. In winter markets, we can sell on average \$700.00 Over two farmers markets.

When you say you make \$700 over two markets, is that two days at the same market or do you go to more than one winter market?

KS: We go to two different markets year-round on Saturdays only.

Eileen: Re: starting the Winter Market - Actually it was the ranchers that asked for a winter market. The bakers joined in that first year. The next year, the farmers started their protected growing and it took off from there.

How do you irrigate in the winter ?

KS: We use drip irrigation, same as the summer.

Do you heat your tunnels?

KS: No

How long have you been farming?

KS: we've been here 14 years. Farming full time 7 years.

KS – Karen Scott

DS – Doug Scott