



Welcome to

Organic Association of Kentucky's 2020 Virtual Lazy Eight Stock Farm Tour

[Click here
to view the
full
recording
of this "live
event" on
YouTube](#)



- Community of farmers & supporters advancing organic regenerative agriculture
- Farmer Field Days and Annual Conference
- Find-A-Farm Directory
- Consumer Education
- Transition Assistance



ORGANIC ASSOCIATION OF KENTUCKY

[About us](#) | [Conference](#) | [What We Do](#) | [Resources](#) | [Join + Donate](#) | [Find a Farm Directory](#)

[MEMBERSHIP](#)

[ORGANIC TRANSITION](#)

[FIND A FARM DIRECTORY](#)

[COVID-19 RESOURCES](#)

[DONATE](#)



OAK is a community of farmers and supporters advancing organic regenerative agriculture, to improve the health of the environment and our communities. We are dedicated to growing ecological resilience, economic viability and socially just futures for Kentucky farmers through educational, technical and market resources.



2020 Farmer Education Supported By

patagonia



GLOBETROTTER
FOUNDATION

Round Hill Farm



2020 Virtual Field Days In Partnership with



Certified Organic Production RESOURCES

- Organic Association of Kentucky
[Transition Trainer Program](#)
- Kentucky Department of Agriculture
[Organic Program](#)
- US Department of Agriculture (USDA)
[National Organic Program \(NOP\)](#) and
NOP Regulations

e.g., NOP 205.202 Land requirements: ...(c) Have distinct, defined boundaries and buffer zones such as runoff diversions to prevent the unintended application of a prohibited substance to the crop or contact with a prohibited substance applied to adjoining land that is not under organic management.



NOP 205.202(c)

LAZY EIGHT STOCK FARM

- Family farm since 1947
- Certified Organic since 2012
- CSA: Community Supported Agriculture
300 customers; weekly deliveries
- Online sales for market delivery
(2020 adaptation)
- Wholesale
- Farm Crew:
 - 2 year-round employees
 - H2A and Seasonal Employees



H O M E
G R O W N

in

P A I N T
L I C K



FARM OVERVIEW

- 420 Acres in Madison, Garrard Counties
- 50 tillable acres
- Paint Lick Creek – provides irrigation
- 4 High Tunnels – season extension
- Heated Greenhouse -
grow all their own transplants



[Click here to view this video on YouTube](#)

POTTING MIX

BRYCE BAUMANN - LAZY EIGHT STOCK FARM



POTTING MIX

- May transplant 100 flats at a time
- Buy potting mix locally, as needed
- Mixed in a mortar mixing pan
- Combined with starter fertilizer and water



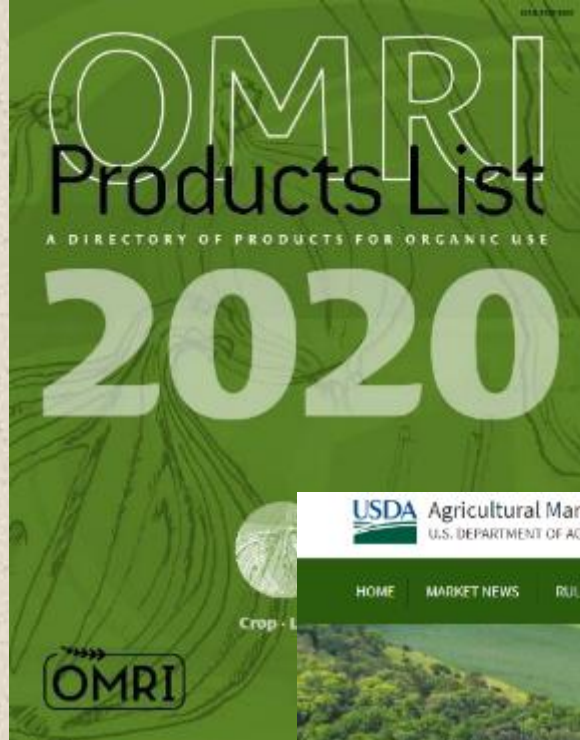
SOIL FERTILITY CONSIDERATIONS



- Soil Testing
- Availability of Nutrients
- Nutrient Balancing
- Crop Application

NOP 205.203

NOP-APPROVED SEEDS AND INPUTS



	B	C	D	E	F	G	H	I	J	K	L	M
	CROP	VARIETY	item number	source	QUANTITY	ABOUT	DOCUMENTED SOURCES	DAYS	NOTES	ON HAND?	ATTRIBUTE	SUCCESSIONS
1												
2	ARUGULA	ARUGULA	2831	johnny's				21			BARY	
3	BASIL	GENOVESE										
4												
5	BEANS, ITALIAN	PENSON	2407	johnny's	25,000		HARRIS, SEEDWAY, TERRITORIAL	63			8" BEAN, UPRIGHT PLANT	
6	BEANS, SNAP	PROVIDER	100	johnny's	25,000	OG		50				
7	BEANS, SNAP	L & PICK	2420g	johnny's	25,000	UG						
8	BEANS, SNAP	JADE	18g	johnny's	100,000	OG						
9	BEETS	RHONDA		bejo seeds		organic, long term storage						
10	BEETS, yellow neck											
11	BEETS	TOUCHSTONE GOLD	2810S	johnny's	5,000	OG						
12	BEETS	RED ADE (F1)	8078r	seedway	100,000	OG		60				
13	BROCCOLI	ARCADIA	139	johnny's	5,000	NI	HARRIS, SEEDWAY, TERRITORIAL	63	FALL CROP		COLD TOLERANCE	
14	BROCCOLI	BAY MEADOWS	2511	johnny's	5,000	NT TERRITORIAL		60			STANDARD WITH GOOD HEAT TOLERANCE	
15	BROCCOLI	GREEN MAGIC	2813	johnny's	5,000	NT TERRITORIAL	HARRIS, SEEDWAY, NT TERRITORIAL	57			EXCELLENT HEAT TOLERANCE FOR LATE SPRING CROPS	
42									MAIN CROP			
64										200	FRESH EATING, GREEN	
85										200-300	RED	
71										200-300	FRESH EATING, GREEN	
82												
48												
50-55												
55												
81							BI-COLOR WITH NATURAL I					

USDA Agricultural Marketing Service
U.S. DEPARTMENT OF AGRICULTURE

[HOME](#)
[MARKET NEWS](#)
[RULES & REGULATIONS](#)
[GRADES & STANDARDS](#)
[SERVICES](#)
[RESOURCES](#)
[COMMODITY PROCUREMENT](#)

[ABOUT AMS](#)
[NEWS & ANNOUNCEMENTS](#)
[CONTACT US](#)

The National List

HOME > RULES & REGULATIONS > ORGANIC REGULATIONS > THE NATIONAL LIST

The National List of Allowed and Prohibited Substances identifies the synthetic substances that may be used and the nonsynthetic (natural) substances that may not be used in organic crop and livestock production. It also identifies a limited number of non-organic substances that may be used in or on processed organic products.

In general, synthetic substances are prohibited for crop and livestock production unless specifically allowed and non-synthetic substances are allowed for crop and livestock production unless specifically prohibited.

Home

Market News

Rules & Regulations

BE Disclosure

Cotton and Tobacco

NOP 205.204(a)
NOP 205.203(d)
NOP 205.201(a)

[Click here to view this video on YouTube](#)

VACUUM SEEDER

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

VACUUM SEEDER

- Used for round seeds: pelletized lettuce, onions, brassicas
- Interchangeable aluminum plate for type, size of seed
- Enables seeding quantity of plant trays quickly
- Not cheap but “pays for itself” over time
- Mounted on table; no hoses



[Click here to view this video on YouTube](#)

GERMINATION MATS
BRYCE BAUMANN - LAZY EIGHT STOCK FARM

GERMINATION MATS

- For crops that need extra heat for germination
 - melons, eggplants, cucumbers, peppers, tomatoes, watermelons
- Don't regulate humidity like germination chamber but allow natural sunlight
- Eight along GH wall; hold 5-6 seed flats each = 300 tomatoes/flat
- Electric controller for four mats; soil probe dials in temps to 80-85 deg F



CROP CHOICE AND PLANNING

- Labor
- Land
- Markets
 - CSA
 - 20+ weeks of vegetables
 - Planting every week
 - Wholesale market



FARM DESIGN AND PLANNING

Field choice

- “Lay of the Land”
- Crop Suitability
- Rotations



[Click here to view this video on YouTube](#)

A man in a dark t-shirt and sunglasses stands in the foreground, looking towards a field. The field features a distinct buffer strip with alternating layers of light-colored mulch and dark soil, running diagonally across the frame. The background is filled with a dense line of green trees under a clear blue sky.

FIELD LAYOUT AND BUFFERS

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

FIELD LAYOUT AND BUFFERS

- Standardized beds and field sizes - eliminates overthinking
 - 500' long, 6' center to center; 8 beds + rows = 50' wide
- 12' buffer: solid base to drive on, even when wet;
 - prevents erosion; keeps water from washing into beds



[Click here to view this video on YouTube](#)

CROP ROTATIONS

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

NOP 205.203(b)

CROP ROTATIONS

- Created rotations too complex at beginning
- Learned about the farm, land characteristics: frost pockets, wet areas
- Learned to group crops w/similar characteristics: soil types, drainage, climate
- Build crop size based on market needs: customer size, diversity of markets



First Year



Second Year



Third Year

NOP 205.203(b)

EQUIPMENT and CULTIVATION



[Click here to view this video on YouTube](#)

SPRING LETTUCE

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

NOP 205.206
NOP 205.601

LETTUCE

- Spring lettuce in final harvest (late June) after 4-5 spring plantings
- Black plastic, laid mid-March
 - allows harvest in wet spring weather - even after a rain
 - keeps heads clean for morning harvest directly into cooler; no washing
- Summer lettuce on white plastic: keeps crop cooler
- Wholesale lettuce (4,000/week) + diversity for CSA (300-400/week)



NOP 205.206
NOP 205.601

[Click here to view this video on YouTube](#)

TOMATOES: TRELLISING & WEED CONTROL

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

TOMATOES

- Heirloom tomatoes: Florida weave, on T posts
- Indeterminate: will grow as high as they can, then drop
- Plastic mulch, with drip tape irrigation
- Flail mow between mowing for weed management



[Click here to view this video on YouTube](#)



POTATOES

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

POTATOES

- Cut 2500lb seed potatoes for 1 acre for CSA
- Homemade potato planter
- Buffalo cultivator with sweeps for hilling
- Aggressive cultivator twice + once with Danish time cultivator;
Hand-weeded once



[Click here to view this video on YouTube](#)

BEAN TRELLISING

BRYCE BAUMANN - LAZY EIGHT STOCK FARM



BEAN TRELLISING

- Heirloom NT half runners for CSA
- 150' long; 6' between planting rows
- Direct seeded, growing on trellis, pick for 4 weeks
 - 7' T-posts and Earth Anchors 5/16 cable top and bottom
 - Holds weight of crop + wind
- DIY Trellising tool: 8lb boxes tomato tie twine, duct-taped to board



[Click here to view this video on YouTube](#)

CABBAGE FIELD

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

CABBAGE and KOHLRABI

- Grow brassicas together w/similar # growth days: cabbage, kohlrabi
- Transplanted in late March
- Cultivated 4 times: more aggressive each time
- No cultivation just prior to harvest + plastic = clean crop; less labor



[Click here to view this video on YouTube](#)

PEST MANAGEMENT IN BRASSICAS

BRYCE BAUMANN - LAZY EIGHT STOCK FARM

NOP 205.206

PEST MANAGEMENT IN BRASSICAS

- Red Russian kale for wholesale
- Wholesale = quick growth, good yield, good shelf life, NO BUGS!
- Cabbage moth is challenge for brassicas
- Offset boom sprayer – 4 rows at a time
- Dry powder BT – bacteria that disrupts digestive tract of worms



NOP 205.206

HIGH TUNNEL PRODUCTION





FIELD to COOLER
Many moving parts!



CUSTOMIZED CSA = CUSTOMER CHOICE



About us

Lazy Eight Stock Farm is a small family farm located in Madison and Garrard County along the banks of the Paint Lick Creek. We pour our hearts and souls into raising USDA Certified Organic vegetables for our CSA members, the lifeblood of our farm. We offer a 16-week customizable CSA and host several on farm events each season for our members to come and share the seasonal bounty. [Link](#)

Latest Farm Happening



The Potato Harvest

Posted on July 2018-2020 by Alyssa Rasmussen

Potato Harvest! Well now, we've been harvesting potatoes as needed for your weekly deliveries. Usually we'll dig a couple

Delivery Locations

Your Address

Select search radius:
10 miles



LAZY EIGHT STOCK FARM

THE FARM | CSA | FARMERS' MARKET | FARMLOG | PASTURE RAISED TURKEYS | ONLINE FARM STAND - ORDER TODAY

We know for CSA to work for us, it needs to work for you!

WE ARE PLEASED TO OFFER CUSTOMIZED BOXES, GIVING YOU SOME FLEXIBILITY AND CHOICE ABOUT THE ITEMS IN YOUR WEEKLY SHARE.

HOW IT WORKS:



EARLY SUMMER SHARE from LAZY EIGHT STOCK FARM - SWEET BASIL, ZUCCHINI, ZYPPER SQUASH, CUCUMBER, BEETS, CILANTRO, DILL, TOMATOES, RED POTATOES

Each week, all shares will be planned with **core items** and **preference items**. The share contents list will be posted early in the week, giving you time to review and determine your preference items from a list of available options.

Core items will be those we know everyone typically eats, e.g., tomatoes, potatoes, sweet corn, and beans. Every now and then will include something uncommon to introduce you to new produce. **Preference items** will include things we know are popular with some people, e.g., arugula, beets, peas, and green onions.

If you are happy with our standard share, no need to communicate with us. Requests for customized shares must be received within a time frame, allowing us to harvest and pack your special request.

At the pick-up site, we will also have a "swap box", for those who would like to trade out a core item. Simply choose the item you want to replace, put it in the swap bin and get your new selection from the bin.



PACKING TATSOI FOR FALL CSA SHARES

"Thanks for taking
the extra time to allow us to
make some choices each week"

- Longtime Lazy Eight CSA Customer, 2018

[Click here to view this video on YouTube](#)

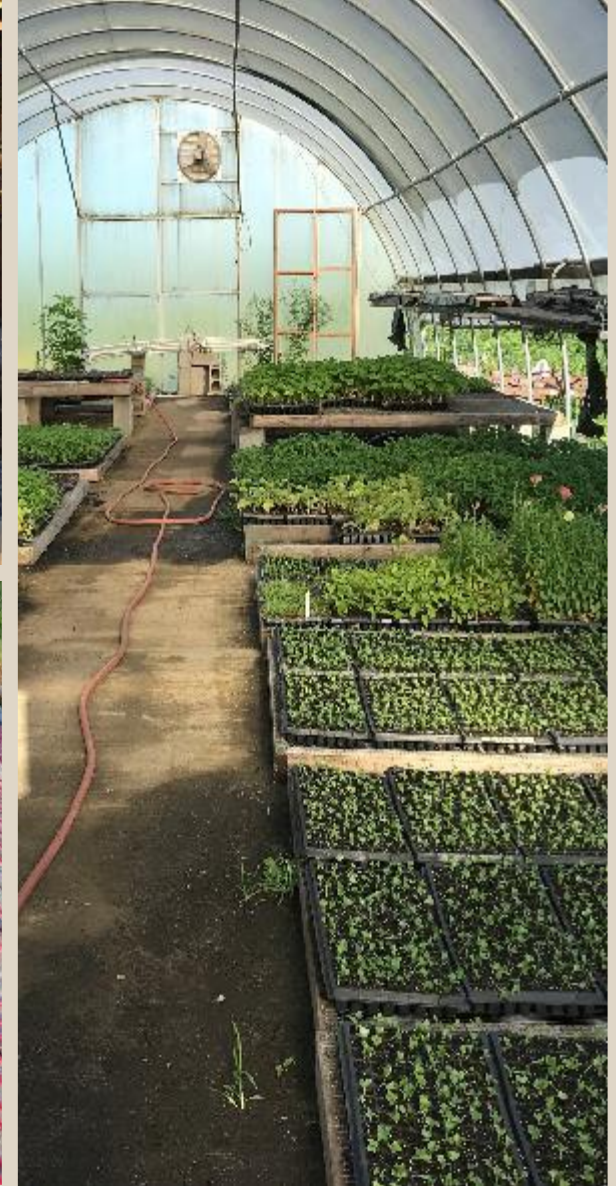
CUSTOM PACK CSA
BRYCE BAUMANN - LAZY EIGHT STOCK FARM

CUSTOM PACK CSA

- Customers choose each week from current inventory
- Farm receives “pick list” telling how much to harvest
- “Pick list” lists produce with how it’s packed in the box, e.g., heaviest first
- Customer orders matched to truck loading order
- Standardized units for customer choice: head of..., pound of..., bag of ...



GREENHOUSE W/ HEATED FLOOR



[Click here to view this video on YouTube](#)

ON FARM SOLAR ENERGY
BRYCE BAUMANN - LAZY EIGHT STOCK FARM

ON-FARM SOLAR

- Conscious of impact, energy required to grow food
 - Farm uses lots of electricity: walk-in coolers, etc
- Solar array offsets all farm usage
- USDA REAP grant and GOAP on-farm energy – 75% of cost
- MACED assisted with design, application process





LAZY EIGHT STOCK FARM



CONTACTS



LAZY EIGHT STOCK FARM

- [Lazy Eight Stock Farm:](#)
 - Bryce Baumann: bryce@lazyeightstockfarm.com
- [Grow Appalachia:](#)
 - Mark Walden: waldenm@berea.edu
- [OAK Transition Trainer Program:](#)
 - Brooke Gentile: brooke@oak-ky.org



ORGANIC RESOURCES

[USDA Tip Sheets on Organic Standards](#)

[ATTRA Sustainable Agriculture Program](#)

[eOrganic](#)

[Sustainable Agriculture Research and Education \(SARE\)](#)

- Crop Rotations on Organic Farms – [free book download](#)
- Managing Cover Crops Profitably – [free book download](#)

[Regenerative Organic Alliance](#)

[OGRAIN](#)

[Organic Farming Research Foundation \(OFRF\)](#)

[The Organic Center](#)

[Center for Crop Diversification \(CCD\)](#) at University of Kentucky

- Organic Certification Process - [publication](#)
- Organic Regulations and Resources - [publication](#)
- [Organic Crop Profiles & Selected Publications](#)

Kentucky Department of Agriculture [Organic Program](#)





oak-ky.org

Questions?

Feedback?

[Click here to let us know!](#)

Thank you!