

# LET'S LEARN ABOUT MICHUGRENS

For Commercial Growers Cheat Sheets



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The author believes that we are stronger as a community together and has worked hard to try and create the most helpful, and useful set of directions that are available to every grower.

We intend to add additional crop sheets are we continue to grow additional crops.

We grow in a room in our home, which is located in central Florida. This room has a seperate air conditioner unit and dehumidifier. We also sell all of our micros live with the only exception being sunflowers. So our advice on packaging is based off of best practices from other farmers.

The optimal environment for microgreen production can be variety-specific, but a favourable temperature range of (18 to 24°C) 64.4-75.2 °F and relative humidity (RH) of 40 to 60 percent would meet the needs of most plants.

# ADZUKI BEAN CHEAT SHEET

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	Yes	SEED DENSITY	450 g per 1020 tray
AVERAGE YIELD	19-21 oz. per 1020 tray		
PROCESS	Soak seed 8-12 hours, spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water every other day. Keep moist, throughout	
PROCESS	Place under lights for ~8 days. Airflow is absolutely necessary. This is a short crop and canopy can prevent air flow. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as this is a short crop and is easy to pull up soil in the roots.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 7 - 10 days.	

- Good sellers to restaurants for signature dishes and desserts.
- Adzuki beans are native to East Asia and were brought to the U.S. in the mid 19th century.
- High in protein
- Favorite Seed & Source: Adzuki Beans (organic) from True Leaf Market

# ALFALFA CHEAT SHEET

STARTING			
TIMEFRAME	8-12 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depe	ends on varieties used	and seeding density)
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 3-5 days – can rotate bottom tray to top after 1-2 days. After 3-5 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		
GROWING			
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle		
PROCESS	Place under lights for ~4-7 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.		
DOTENTIAL LOCATED			

POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry
	foliage before harvesting by placing in front of fan (if you intend not to wash)

HARVESTING	
HARVESTING TOOL	Scissors or sharp knife
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.

- Package in smaller clamshells and sell for higher price.
- Prefer cooler temps if possible with your setup.
- Variety that can be grown successfully using hydroponic growing methods.
- Favorite Seed: Alfalfa (organic) Favorite Source: Johnny's

# AMARANTH CHEAT SHEET

Starting Sta			
TIMEFRAME	7-11 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	25-30g per 1020 tray
AVERAGE YIELD	4-5 oz per 1020 tray		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Do not stack trays – instead place unslotted tray over top for 3 days (helps them grow taller) – After 3 days place under lights.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water as needed throughout rest of cycle. Avoid top watering or over-watering. Err on the side of maintaining dryer soil.	
PROCESS	Place under lights for $^{\sim}4-7$ days. Keep good airflow and watch for mold issues. Rotate if necessary. Like temperatures over 70F (75-80F optimal). Heat mats recommended in cooler temps.	
POTENTIAL ISSUES	Very prone to mold and damping off. Keep good airflow, avoid overwatering, and maintain good sanitation practices. Can top spray with diluted H202.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to fan dry before packaging. If washing is required, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 2-3 days.	

- Major eye catcher! Attracts attention at farmers markets.
- Good sellers to restaurants. Popular garnish.
- Good addition to microgreens mixes to add splash of color.
- Can be a challenging crop. Heat, air flow, and not over watering is key!
- Favorite Seed: Red Garnet Amaranth Favorite Source: True Leaf Market

# ANISE CHEAT SHEET

STARTING			
TIMEFRAME	16 - 25 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	30g per 1020 tray
AVERAGE YIELD	2 - 4 oz per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ added weight on top of stack ) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water every other day or as necessary for ~20 Days. Keep moist, throughout.	
PROCESS	Place under lights for ~20 days. With the long grow time, damping off is a real possibility if the trays are watered too often.	
POTENTIAL ISSUES	Damping off is possible if water isn't evaporating fast enough or seed is sown too dense.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. If grown on soil, harvest carefully as rinsing is not recommended.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.	

- Low yielding yet consistent
- Good sellers to high-end restaurants (charge high price)
- Easy to promote for desserts with its licorice flavor.
- Favorite Seed & Source: "Anise" from Johnny's Selected Seeds

# ARUGULA CHEAT SHEET

STARTING			
TIMEFRAME	10 - 13 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-25g per 1020 tray
AVERAGE YIELD	7 oz. per 1020 tray		
PROCESS	Spread seed over pre-moistened tray and mist with water bottle. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. May get better germination if you mist again around day 3. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water every $2-3$ days depending on environmental conditions. Keep moist, throughout. Can be water sensitive, do your best not to over or under water.	
PROCESS	Place under lights for up to 9 days. Keep good airflow. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

HARVESTING		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended. If moist foliage, best to fan dry before packaging.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic container with paper towel is around 4-7 days.	

- Popular among chefs and healthy eating enthusiasts
- Package in smaller quantities with higher price per ounce
- Extremely nutritious as they are still very similar to wild foods (not bred to improve flavor)
- Great to promote as having a spicy bright flavor.
- Favorite Seed & Source: Arugula Slow Bolt from True Leaf Market

# **ASPARAGUS CHEAT SHEET**

Starting Sta			
TIMEFRAME	14-25 days to harvest	SANITIZE	No
SOAK	Yes	SEED DENSITY	14-20 g per 1020 tray
AVERAGE YIELD	5-8 oz. per 1020 tray		
PROCESS	Sprinkle on top of soil making multiple light passes. Try to get very even distribution. Do not stack. After 2-4 days, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Soak 8-12 hours. Drop in unslotted 1020 tray and bottom water daily or as needed. Be careful not to overwater.	
PROCESS	Place under lights for ~4-6 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Can become leggy and fall over if not placed under lights soon enough.  Spread seeds evenly to reduce potential mold issues from clumping seed.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Amazing flavor popular sellers to restaurants, commonly paired with seafood.
- Asparagus contain vitamin A, protein, iron, and calcium.
- They can also be added to omelets, stir-fries, noodles, soups, and salads.
- Favorite Seed: Micro Sea Beans from Fresh Origins Farm

# BARLEY CHEAT SHEET

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40 g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Spread seed over pre-moistened tray and mist with water bottle. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 2-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Best if used within 3-5 days.	

- High in protein, dietary fiber, Vitamin E, beta-carotene, and minerals
- Package for pet lovers
- Improve digestion, control blood sugar level (diabetes), prevent heart-related disease and cancer
- Favorite Seed & Source: Barley (organic) from True Leaf Market

## BASIL CHEAT SHEET

STARTING			
TIMEFRAME	2-3+ weeks to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	8-25g per 1020 tray (depends on desired finished leaf size)
AVERAGE YIELD	3-4oz @ 8g seed (larger leaves) ~6-8 oz @ 25g seed (smaller leaves)		
PROCESS	Fill 1020 trays with good amount of soil and water soil. Sprinkle seed on top of soil making multiple light passes for even distribution. Spritz seeds inside of a clear humidity dome with water bottle and cover tray with the humidity dome. Place on heat mats and under lights (or just in warm, lit area) for germination. Uncover after crop looks germinated (2-6 days).		

GROWING	
WATERING	Drop in unslotted 1020 tray and bottom water on the day you uncover – try to let the soil dry out between watering.
PROCESS	Place close under lights or in greenhouse for 2+ weeks until desired size. Keep good airflow. Benefits from adding nutrients to water after first week.
POTENTIAL ISSUES	Damping off if overwatered. Poor germination if not warm or moist enough. Not intense enough light.

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 2-4 days. Short shelf life.	

- Heat mats and clear humidity domes are crucial. Basil seeds have mucilage Warm water causes the seeds to fully swell up releasing antioxidants and beneficial digestive enzymes."
- Popular for chefs and at farmer's markets Sell for higher price \$3-5 per ounce range
- Consider selling "live" for longer shelf life for customers, Large harvest window (timeframe) can be very beneficial
- More economical grown in greenhouse due to long DTM
- Favorite Seed Varieties: Genovese and Dark Opal Favorite Source: True Leaf Market

## BEET CHEAT SHEET

Starting			
TIMEFRAME	10-18 days to harvest	SANITIZE	Top spray only
SOAK	Yes	SEED DENSITY	60-80g dry or 1.5 oz. after soaking
AVERAGE YIELD	3.5-5 oz		
PROCESS	Soak in warm water for 6-8 hours. Sprinkle on top of soil (peat mix) in slotted 1020 tray, mist with 3% H202 and add additional soil or vermiculite on top (approx. 1/2 inch) – press down firmly. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days. After 2-4 days, unstack, water (see below) and place under lights. Top spray one more time with 3% H202 if you've had problems in past with disease		
	G	ROWING	
WATERING		Drop in unslotted 1020 tray and bottom water – water as needed throughout remaining cycle.	
PROCESS	_	Place under lights for ~6-12 days. Keep good airflow and watch for disease issues. Rotate if necessary.	
POTENTIAL ISSUES	Over watering can cause damping off. Skipping steps in the starting process above (or bad seed lot) can cause bad germination.		
HARVESTING			
HARVESTING TOOL	Scissors or sharp knife	e	
METHOD		•	ckaging. If washing is needed, proughly. Handle with care.
PACKAGING	-		nshells, may include paper toweld shelf life. Best used within 3-5

- Ideal grow room temp around 70 degrees F
- Can be a very challenging variety to produce consistent yields and time properly and therefore
  we recommend when selling wholesale use it to supplement mixes rather than selling by itself
  which would result in greater chance of not being able to fulfill orders and thereby disappoint
  customers
- Not recommended when just starting out (start with easier varieties)
- Covering with soil/vermiculite & stacking really helps with seed hull removal as well as germination
- Favorite source/variety: Bulls Blood from True Leaf Market

# **BOK CHOY CHEAT SHEET**

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

	GROWING
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel (or moisture absorbing pad) for extended shelf life. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density if aiming to grow to true leaf stage)
- Prefers a lower light condition
- Favorite Seed: varies (based on what's on sale or on hand) Favorite Source: Johnny's Seed

# BORAGE CHEAT SHEET

Starting Sta			
TIMEFRAME	14 - 16 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	60g per 1020 tray
AVERAGE YIELD	9 - 11 oz. per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3 - 5 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water as necessary. Relatively fast drinkers. Be sure not to let the tray dry out.	
PROCESS	Place under lights for ~10 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. While not recommended, if necessary, this crop can be rinsed without issue, just make sure they are dried well.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.	

- High yielding, consistent, good sellers to restaurants!
- Prefers moderate temperature
- Great to promote as having a mild cucumber flavor. Makes a nice garnish for desserts such as Sorbet.
- Favorite Seed & Source: Borage from Johnny's Selected Seeds

# BROCCOLI CHEAT SHEET

Starting Starting			
TIMEFRAME	8-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	15g per 1020 tray
AVERAGE YIELD	9 - 11 oz. per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2-3 trays high (w/added weight on top of stack) for 2-4 days. After 2-4 days, water and place under lights.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water daily or as needed. Be careful not to overwater.	
PROCESS	Place under lights for 4-6 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Turnips prefer lower light levels than most microgreens, making them ideal for those without a sunny window or artificial lights. You can try to keep them at a longer distance from the lights.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density if aiming to grow to true leaf stage)
- Favorite Seed: Varies from True Leaf Market

# BRUSSEL SPROUTS CHEAT SHEET

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle	
PROCESS	Place under lights for 3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Brussels sprouts are thought to be native to Belgium, specifically a region near its capital, Brussels, after which they are named.
- Favorite Seed: Long Island Improved Favorite Source: True Leaf

# BUCKWHEAT CHEAT SHEET

STARTING			
TIMEFRAME	11-13 days to harvest	SANITIZE	Yes
SOAK	Yes	SEED DENSITY	250g per 1020 tray
AVERAGE YIELD	13 - 15 oz per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ added weight on top of stack ) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Top water daily or as necessary for ~12 Days. Keep moist, throughout. Top watering will also help brush off the hard seed hulls.	
PROCESS	Place under lights for ~12 days. Mold isn't really an issue, but it is good practice to keep good airflow. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	The hard, triangular seed hulls sometime do not like to come off on their own.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	Cut and place directly into package. Buckwheat can be rinsed if necessary, make sure to dry well.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.	

- Average yielding, consistent, good sellers at Farmers Markets!
- Easy to promote as a great replacement for lettuce.
- Favorite Seed & Source: "Buckwheat Whole (Organic) Sprouting Seeds" from True Leaf Market

# CABBAGE CHEAT SHEET

STARTING STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		
GROWING			

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for 3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density
  if aiming to grow to true leaf stage)
- Favorite Seed: varies Favorite Source: True leaf

# CARROT CHEAT SHEET

STARTING				
TIMEFRAME	15-20 days to harvest <b>SANITIZE</b> No			
SOAK	No	SEED DENSITY	15g per 1020 tray	
AVERAGE YIELD	2 oz. per 1020 tray			
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 4-5 days. After 4-5 days, unstack, water and place under lights when space available.			

GROWING		
WATERING	Bottom water every other day if needed, beginning day unstacked. Keep moist, throughout. If watering isn't necessary, gently mist tray so ungerminated seeds don't dry out.	
PROCESS	Place under lights for 15 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 5 - 7 days. Longer shelf life if paper towel is replaced periodically.	

- Prefers moderate temps
- Great to promote as having a fresh, carrot flavor. Great addition to salad and smoothies.
- Favorite Seed & Source: Imperator 58 from True Leaf Market

# CAULIFLOWER CHEAT SHEET

STARTING STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for 3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density
  if aiming to grow to true leaf stage)
- Favorite Seed: varies Favorite Source: Typically True leaf

# CELERY CHEAT SHEET

STARTING			
TIMEFRAME	10-14 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	15g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray		
Process	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 6-8 days. After 6-8 days, unstack, water and place under lights when space available.		

GROWING			
WATERING	Bottom water every 2 – 3 days depending on environmental conditions. Keep moist, throughout.		
PROCESS	Place under lights for ~6-8 days. Keep good airflow.		
POTENTIAL ISSUES	Slow growing, however poor airflow or overly hot/humid conditions can cause mold. Overwatering and poor airflow can cause 'damping off'.		

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended. Harvest as early as possible to ensure crop doesn't become bitter.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 5 - 7 days.	

- Slow to germinate
- Chefs love for garnishing a savory dish
- Celery contains notable amounts of potassium, dietary fiber, vitamins A, B, C, and E, iron, magnesium, phosphorus, and calcium.
- Favorite Seed & Source: Utah 52-70 from True Leaf Market

# CELOSIA CHEAT SHEET

Starting				
TIMEFRAME	8-12 days to harvest <b>SANITIZE</b> No			
SOAK	No	SEED DENSITY	20-40g per 1020 tray	
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)			
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 4-5 days After 4-5 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.			

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle	
PROCESS	Place under lights for ~4-8 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Celosia flowers are named after the Greek work for flames.
- Favorite Seed: Celosia Favorite Source: Johnny's Seed

# CHERVIL CHEAT SHEET

Starting Sta			
TIMEFRAME	9-12 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20g per 1020 tray
AVERAGE YIELD	3-5 oz per 1020 tray		
Process	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING			
WATERING	Bottom water as necessary for 8 Days. Keep moist, throughout.		
PROCESS	Place under lights for ~8 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.		
POTENTIAL ISSUES	Place under lights for ~8 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.		

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.	

- Good sellers to restaurants, especially French cuisine & fine dining.
- Prefers warm temperatures
- Great to promote as having a fresh, light flavor with a hint of Anise
- Favorite Seed & Source: Curled Chervil from True Leaf Market

# CHIA CHEAT SHEET

Starting			
TIMEFRAME	5-14 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Good sellers to restaurants, especially French cuisine & fine dining.
- Prefers warm temperatures
- Great to promote as having a fresh, light flavor with a hint of Anise
- Favorite Seed & Source: Curled Chervil from True Leaf Market

# CHINESE MAHOGANY CHEAT SHEET

STARTING STARTING			
TIMEFRAME	15-30 days to harvest	SANITIZE	No
SOAK	Yes	SEED DENSITY	25g per 1020 tray
AVERAGE YIELD	17 – 19 oz. per 1020 tray		
PROCESS	Soak in water 4 hours and rinse. Sprinkle on top of soil making multiple light passes. Spread seed over pre-moistened tray. Stack 3 - 4 trays high (w/empty tray on top and 16 lb. brick paver) for 4-6 days. After 4-6 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water daily or as needed. Keep moist throughout.	
PROCESS	Place under lights for 10-20 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Due to longer time needed for growth, consider adding in some soil nutrients. It doubled our yield.	

Harvesting				
HARVESTING TOOL Scissors or sharp knife				
METHOD Cut and place directly into final container. Washing is not necessary.				
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels or pads to absorb moisture.			

- Flavor that resembles sesame seed, garlic, and chives
- Great sellers to restaurants, it sets them apart with a flavor not often consumed.
- The flavor is like roasted garlic with a hint of nuttiness. Perfect choice to accompany your favorite cut of red meat, a steak salad or a rare roast beef sandwich!
- Favorite Seed & Source: True Leaf Market not always available.

# CHIVES CHEAT SHEET

STARTING			
TIMEFRAME	21-24 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	40-60g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

	GROWING
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.
PROCESS	Place under lights for ~17-20 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash)

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Grow better in soil, slow germination
- Chives can be used in omelets, pasta dishes, sushi rolls, beef stews, soups, salads, and many other meat and vegetable dishes.
- Chives contain potassium, iron, calcium, vitamins A, B, C, and E, magnesium, zinc, and phosphorus.
- Favorite Seed: varies Favorite Source: True leaf

# CILANTRO CHEAT SHEET

STARTING			
TIMEFRAME	20 - 30 days to harvest	SANITIZE	No
SOAK	Yes	SEED DENSITY	40-55g per 1020 tray
AVERAGE YIELD	4-6 oz. per 1020 tray		
PROCESS	Take a rolling pin to open seeds before soaking them. Soak for $6-15$ hours. Spread seed over pre-moistened tray. Stack $2-3$ trays high (w/ empty tray on top and 16 lb. brick paver) for $3-4$ days. After $3-5$ days, unstack, water and place under lights. Be sure to spritz with water daily to help the media fall to the bottom, otherwise, harvest takes additional time.		

GROWING		
WATERING	Bottom water as necessary for 20 Days. Imperative to not overwater.	
PROCESS	Place under lights for ~20 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight. To help the Coriander hulls fall off, periodically spritz the canopy with water to keep the hulls moist and malleable during leaf growth (some like to keep on for additional flavor!)	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended	
Packaging	Package as dry as possible in bags. If storing inventory in large container, include paper towels or absorbent pads to absorb moisture. Shelf life in a plastic bag with absorbent pad is around 5 - 8 days	

- Low yielding, consistent.
- Prefers cooler temps to germinate. Temperature can increase post germination
- Great to promote as having exceptional, intense Cilantro Flavor. Excellent in Mexican Shrimp Cocktails.
- Sell for higher price due to low yields and long DTM
- Favorite Seed & Source: Cilantro (Slow Bolt) from True Leaf Market

# **CLOVER CHEAT SHEET**

STARTING					
TIMEFRAME	10-13 days to harvest	10-13 days to harvest <b>SANITIZE</b> No			
SOAK	No <b>SEED DENSITY</b> 20g per 1020 tray				
AVERAGE YIELD	3-5 oz. per 1020 tray				
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.				

GROWING		
WATERING	Bottom water every 2 – 3 days depending on environmental conditions. Keep moist, throughout.	
PROCESS	Place under lights for ~9 days. Keep good airflow. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Easy growing, however poor airflow or overly hot/humid conditions can cause mold. Overwatering and poor airflow can cause 'damping off'.	

Harvesting			
HARVESTING TOOL Scissors or sharp knife			
МЕТНОР	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended. Harvest as early as possible to ensure crop doesn't become bitter.		
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 7 - 10 days.		

- Decent yields
- Easy to grow and fun for people to try
- Great to promote as having a fresh, light flavor. Makes for a different addition to salads
- Favorite Seed & Source: Clover Red (Organic) from True Leaf Market

# COLLARDS CHEAT SHEET

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL Scissors or sharp knife		
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Collards are one of the oldest members of the cabbage family.
- Favorite Seed: Collards (organic) Favorite Source: True Leaf

## CORN CHEAT SHEET

<b>STARTING</b>			
TIMEFRAME	8-13 days to harvest	SANITIZE	Yes
SOAK	Yes, 8-12 hours	SEED DENSITY	220-300g per 1020 tray
AVERAGE YIELD	15-20oz per 1020 tray		
PROCESS	Sanitize with preferred method, then soak 12-18 hours or overnight. Let seed start to sprout in soaking bucket for 24 hours, rinsing every 8 - 12 hours. Spread seed on top of soil with even distribution. Water generously and then cover with unslotted 1020 tray or move to complete darkness. Keep in darkness throughout so crop does not turn green. If placed in dark room, stacking 3-4 trays high with weight is recommended.		

GROWING CONTRACTOR OF THE CONT			
WATERING	Top water daily. Can tolerate some neglect.		
PROCESS	Place in blacked out room or covered with unslotted 1020 tray so they are not exposed to light.		
POTENTIAL ISSUES	When covered with unslotted tray, disease/mold has higher probability of occurrence since they do not get airflow, this is why sanitizing seed and all trays is recommended for popcorn shoots. Top spraying with diluted H202 can be used as well. Or, grow them in a separate pitch black space with fans and airflow for less likelihood of issues. Flavor and texture is poorly effected if subjected to light.		

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Dry foliage with fan if wet. Washing not necessary. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel or pads for extended shelf life. If storing inventory in large container, include paper towels or pads to absorb moisture. Good shelf life when stored properly.	

#### ADDITIONAL NOTES

Very, very sweet tasting crop – stevia flavor - yellow in color • Some people like to cover with vermiculite after seeding • Popular for chefs - Used for decorative and desert garnish • Provoke curiosity & conversation at farmers market • Fast growing, heat tolerant variety with good yields • no electricity costs to grow! • Organic seed can be sourced at local health food store or from commercial seed company

# CRESS CHEAT SHEET

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-28g per 1020 tray
AVERAGE YIELD	5-8 oz per 1020 tray		
Process	Sprinkle on top of soil making multiple light passes. Try to get very even distribution. Do not stack. After 2-4 days, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

	GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water daily or as needed. Be careful not to overwater.		
PROCESS	Place under lights for ~4-6 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary		
POTENTIAL ISSUES	Can become leggy and fall over if not placed under lights soon enough. Top watering can also cause plants to fall over and have trouble recovering. Spread seeds evenly to reduce potential mold issues from clumping seed.		

Harvesting		
HARVESTING TOOL Scissors or sharp knife		
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Amazing peppery flavor popular sellers to restaurants
- Pretty easy to grow with unique leaf shape.
- Favorite Seed: Curled Cress from True Leaf Market

# CUCUMBER CHEAT SHEET

STARTING				
TIMEFRAME	12 - 15 days to harvest <b>SANITIZE</b> No			
SOAK	No	SEED DENSITY	60g per 1020 tray	
AVERAGE YIELD	22 - 25 oz. per 1020 tray			
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.			

GROWING		
WATERING	Bottom water as necessary for 8-10 Days. Keep moist, throughout. Depending on grow medium, watering every other day is enough.	
PROCESS	Place under lights for ~10 days. Do not place under direct sunlight. Fast growing crop and does not seem prone to mold issues.	
POTENTIAL ISSUES	Over watering and poor airflow has the possibility of causing 'damping off'. Cucumber absorbs water quickly, try not to overwater.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	Cut and place directly into package. Cucumber can be washed, but typically not necessary.	
Packaging	Package as dry as possible in bags or clamshells. Due to the Cucumber holding water, it may be necessary to pat dry prior to packaging. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.	

- High yielding
- Good sellers to creative restaurants and bars as Bloody Mary & other cocktail garnish
- Fast grower in warmer temps (around 75-80 degrees)
- Incredibly bitter with a strong Cucumber flavor
- Favorite Seed & Source: Cucumber Seeds Straight Eight from True Leaf Market

# DILL CHEAT SHEET

STARTING				
TIMEFRAME	15-20 days to harvest <b>SANITIZE</b> No			
SOAK	No	SEED DENSITY	10g per 1020 tray	
AVERAGE YIELD	3-5 oz per 1020 tray			
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.			

GROWING		
WATERING	Bottom water as necessary, typically every other day. Keep moist, throughout.	
PROCESS	Place under lights for 15 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'. This is an extremely delicate crop. Too much heat from the lights will cause browning of the feathery leafs.	

Harvesting		
HARVESTING TOOL	Sharp scissors or knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.	

- Good yields for amount of seed used. Consistent, good sellers to restaurants!
- Prefers warm temps.
- Popular for decorating/garnishing fish, potatoes, soup, cucumber and pickle dishes
- Favorite Seed & Source: Bouquet Dill from True Leaf Market

# **ENDIVE CHEAT SHEET**

STARTING			
TIMEFRAME	10-12 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	12g per 1020 tray
AVERAGE YIELD	3-5 oz. per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water every other day. Keep moist, throughout.	
PROCESS	Place under lights for ~8 days. Airflow is absolutely necessary. This is a short crop and canopy can prevent air flow. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as this is a short crop and is easy to pull up soil in the roots.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 7 - 10 days.	

- Good sellers to restaurants for signature dishes that counter-balance sweet!
- Enjoys moderate temps
- Great to promote as having a fresh, light flavor
- Favorite Seed & Source: Endive Broadleaf Batavian from True Leaf Market

# FAVA BEAN CHEAT SHEET

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	Yes	SEED DENSITY	450 g per 1020 tray
AVERAGE YIELD	19-21oz. per 1020 tray		
Process	Soak seed 8-12 hours, spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water every other day. Keep moist, throughout.	
PROCESS	Place under lights for ~8 days. Airflow is absolutely necessary. This is a short crop and canopy can prevent air flow. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as this is a short crop and is easy to pull up soil in the roots.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 7 - 10 days.	

- Average yielding, consistent, good sellers at Farmers Markets!
- Easy to promote for their protein. Taste similar to Pea Shoots
- Favorite Seed & Source: "Fava Bean (Organic) Sprouting Seeds" from True Leaf Market

# FENNEL CHEAT SHEET

STARTING				
TIMEFRAME	18 - 22 days to harvest <b>SANITIZE</b> No			
SOAK	No	SEED DENSITY	10g per 1020 tray	
AVERAGE YIELD	5-7 oz. per 1020 tray			
PROCESS	Spread seed over pre-moistened tray. Add ¼" layer of media on top of seed bed, then moisten again. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 5 - 6 days. After 5 - 6 days, unstack, water and place under lights when space available.			

GROWING		
WATERING	Bottom water every 2 days. Keep moist, throughout. Gently mist top of tray till most of the stems have broken through media.	
PROCESS	Place under lights for ~15 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'. Too dry and Fennel can't recover.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.	

- High yielding, great sellers to high end restaurants!
- Prefers moderate temps
- Great to promote as having a fresh, beautiful flavor with a hint of Anise
- Favorite Seed & Source: Fennel Florence from True Leaf Market

# FENUGREEK CHEAT SHEET

STARTING				
TIMEFRAME	12-15 days to harvest	SANITIZE	No	
SOAK	No	SEED DENSITY	50-70g per 1020 tray	
AVERAGE YIELD	4 - 6 oz per 1020 tray			
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.			

GROWING		
WATERING	Bottom water every other day. Keep moist, throughout.	
PROCESS	Place under lights for 8 days. Airflow is absolutely necessary. This is a short crop and canopy can prevent air flow. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold. Overwatering and poor airflow can cause 'damping off'. Very susceptible to damping off, however, a light spray to ensure good germination results helps.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Washing is not necessary if there is no soil on the stems during harvest. This crop is not overly delicate, so washing could be done.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 7 - 10 days.	

- Low yielding, consistent, good sellers to juice bars or high-end Indian restaurants!
- Prefers warm temps
- Great to promote for its amazing nutritional value, not so much its flavor. Flavor is very bitter when eaten alone, with a mild nutty after taste
- Favorite Seed & Source: Fenugreek (Organic) from True Leaf Market

# FLAX CHEAT SHEET

Starting			
TIMEFRAME	9-12 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	35g per 1020 tray
AVERAGE YIELD	5 - 7 oz per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high ( w/ empty tray on top. Do not add extra weight ) for 3-5 days. Rotate trays daily to keep even growth. After 3-5 days, carefully unstack, water and place under lights when space available. Lightly mist sprouted greens with water.		

GROWING		
WATERING	Bottom water as necessary for 8 Days. Keep moist, throughout.	
PROCESS	Place under lights for ~8 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering causes excessive humidity and transpiration.	

Harvesting	
HARVESTING TOOL	Scissors or sharp knife
METHOD	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended.
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 7 - 10 days.

- When unstacking trays, rock tray gently. Seeds are Mucilaginous, and when dry, will stick to the tray above like glue.
- High yielding, consistent, good sellers at Farmers Markets!
- Easy to promote as having amazing health properties because Flax seed is not uncommon as a health food among the general population.
- Favorite Seed & Source: "Flax Micro-Greens" from Sprout People

# KALE CHEAT SHEET

Starting			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Stack 2 trays high (w/ er bottom tray to top after	npty tray & weight on 1-2 days. After 2-4	passes to get even distribution. on top) for 2-4 days – can rotate days, unstack, water and place nsity if you have low humidity

GROWING	
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Prefer cooler temps if possible with your setup.
- Favorite Seed: varies Vates Blue Scotch Favorite Source: Typically True Leaf

# KOHLRABI CHEAT SHEET

Starting			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Stack 2 trays high (w/ er bottom tray to top after	npty tray & weight on 1-2 days. After 2-4	passes to get even distribution. on top) for 2-4 days – can rotate days, unstack, water and place nsity if you have low humidity

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for 3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density if aiming to grow to true leaf stage)
- Favorite Seed: varies (based on what's on sale or on hand) Favorite Source: Johnny's Seed

# LEEKS CHEAT SHEET

STARTING			
TIMEFRAME	21-24 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	40-60g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Stack 2 trays high (w/ er bottom tray to top after	npty tray & weight on 1-2 days. After 2-4	passes to get even distribution. on top) for 2-4 days – can rotate days, unstack, water and place nsity if you have low humidity

GROWING	
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.
PROCESS	Place under lights for 17-20 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).

Harvesting	
HARVESTING TOOL	Scissors or sharp knife
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.

- Grow better in soil, slow germination
- Leeks can be used in omelets, pasta dishes, sushi rolls, beef stews, soups, salads, and many other meat and vegetable dishes.
- The seed hulls can be a little too stubborn to remove.
- Favorite Seed: varies Favorite Source: True leaf

# LETTUCE CHEAT SHEET

STARTING			
TIMEFRAME	8 - 12 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 Tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water throughout cycle.	
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
Packaging	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Good yields, consistent, good sellers to restaurants!
- Prefers cool temps.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density if aiming to grow to true leaf stage)
- Favorite Seed: Crisphead Great Lakes 118 Favorite Source: True Leaf Market

# MUNG BEAN CHEAT SHEET

STARTING			
TIMEFRAME	7 - 10 days to harvest	SANITIZE	Yes
SOAK	Yes	SEED DENSITY	450g per 1020 tray
AVERAGE YIELD	19 - 21 oz per 1020 tray		
PROCESS	Soak seed 8-12 hours. Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ added weight on top of stack ) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water every other day or as necessary for 7 Days. Keep moist, throughout.	
PROCESS	Place under lights for ~7 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.	

Harvesting	
HARVESTING TOOL	Scissors or sharp knife
МЕТНОР	Cut and place directly into package. Mung Beans do offer a 2nd cutting if so inclined. Not as dense as initial harvest.
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic bag with paper towel is around 7 - 10 days.

- Average yielding, consistent, good sellers at Farmers Markets!
- Easy to promote for their protein. Taste similar to Pea Shoots
- Favorite Seed & Source: "Mung Bean (Organic) Sprouting Seeds" from True Leaf Market

# MUSTARD CHEAT SHEET

STARTING STARTING			
TIMEFRAME	7 - 10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting	
HARVESTING TOOL	Scissors or sharp knife
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density if aiming to grow to true leaf stage)
- Favorite Seed: Wasabi Favorite Source: True Leaf

## RADISH CHEAT SHEET

STARTING			
TIMEFRAME	6-9 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	50-80g per 1020 tray
AVERAGE YIELD	12-18 oz per 1020 tray		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2-3 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights		

GROWING	
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout rest of cycle.
PROCESS	Place under lights for ~3-4 days. Keep good airflow and watch for mold issues. Rotate if necessary.
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).

Harvesting	
HARVESTING TOOL	Scissors or sharp knife
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-6 days.

- A top 2 favorite! Great yields, consistent, great sellers to restaurant.
- Bottom watering has become preferred method. Reduces mold & mildew smell.
- Insanely nutritious! Up to 40 times more nutrient dense than mature radish.
- Prefer cooler temps if possible with your setup
- Not worth growing to true leaf stage
- Favorite Seed: Triton purple & China Rose Favorite Source: True Leaf Market

# SALAD MIX CHEAT SHEET

Starting			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for 3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density if aiming to grow to true leaf stage)
- Mix can be made from your own assorted seeds.
- Favorite Seed: Salad mix (mix of 5 seeds) Favorite Source: True Leaf

# SHUNGIKU MIX CHEAT SHEET

STARTING			
TIMEFRAME	10-20 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	25-35g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for 3-5 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash).	

HARVESTING		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Can be worth growing to true leaf stage very pretty to see true leaves (seed at lower density if aiming to grow to true leaf stage)
- Favorite Seed: Shungiku Tri color Daisy Favorite Source: True Leaf

# SORREL MIX CHEAT SHEET

STARTING			
TIMEFRAME	15-20 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20g per 1020 tray
AVERAGE YIELD	3-5 oz per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 4-5 days. After 4-5 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water as necessary. Keep moist, throughout.	
PROCESS	Place under lights for 13 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in a plastic back with paper towel is around 5 - 7 days.	

- High yielding when compared to seed density, consistent, good sellers to restaurants!
- Prefers warm temps
- Great to promote as having a fresh, lemon flavor. Great paired with seafood
- Favorite Seed & Source: Large Leaf Sorrel from True Leaf Market

# SUNFLOWER CHEAT SHEET

STARTING			
TIMEFRAME	8-12 days to harvest	SANITIZE	Yes
SOAK	Yes	SEED DENSITY	140-170g per 1020 tray
AVERAGE YIELD	1-2 lbs per 1020 tray		
PROCESS	Sanitize by preferred method and rinse. Soak in water 12 hours and rinse. Spread seed over pre-moistened tray. Stack 2-4 trays high (w/ empty tray & weight on top) for 3-5 days (can rotate bottom tray to top after 1 day). After 3-5 days, unstack, water and place under lights when space available. Benefit from heating mat if temps below 75F (or watering with warm water)		

GROWING		
WATERING	Top water or bottom water. Withstand watering neglect well – recover readily.	
PROCESS	Place under lights for ~3-5 days. Keep great airflow and watch for mold issues. Rotate if necessary. Spray with very diluted Hydrogen Peroxide if mold becoming issue (1/2 tsp per quart water). Also do great growing outdoors in summer (after well sprouted).	
POTENTIAL ISSUES	Poor airflow and overly humid can cause mold. Some seed lots may not shed hulls as well – when find good seed, stock up!	

Harvesting		
HARVESTING TOOL	Scissors, sharp knife, or mini handheld electric hedge trimmer	
METHOD	Run hand vigorously over top of greens to reduce hulls. Cut, wash (remove hulls in wash basin by using wire rack to press down greens and collecting hulls off water surface), spin dry, and finish dry.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life approx. 7-14 days.	

- Quite popular! High yielding, good sellers to restaurant.
- Can add to a salad mix (leaf lettuce) for special product.
- Very heat tolerant
- Quite profitable at farmers market and hold up to hot days even in packaging
- Favorite Seed: Black Oil Favorite Source: varies, typically True Leaf

## SWISS CHARD CHEAT SHEET

Starting			
TIMEFRAME	11-20 days to harvest	SANITIZE	Top spray only
SOAK	Optional	SEED DENSITY	60-70g dry per 1020 tray
AVERAGE YIELD	5-6oz per 1020 tray		
PROCESS	Soak in warm water for 6-8 hours. Sprinkle on top of soil (peat mix) in slotted 1020 tray, mist with 3% H202 and add additional soil or vermiculite on top (approx. 1/2 inch) – press down firmly. Stack 2-3 trays high (w/ empty tray & weight on top). After 2-4 days, unstack, water (see below) and place under lights. Top spray one more time with 3% H202 if you've had problems in past with disease.		
GROWING			
WATERING	Drop in unslotted 1020 tray and bottom water – water as needed throughout remaining cycle.		
PROCESS	_	Place under lights for ~8-12 days. Keep good airflow and watch for disease issues. Rotate if necessary.	
POTENTIAL ISSUES	_	Over watering can cause damping off. Skipping steps in the starting process above (or bad seed lot) can cause bad germination.	
Harvesting			
HARVESTING TOOL	Scissors or sharp knife	2	
METHOD	If moist foliage, best to fan dry before packaging. If washing is needed, minimize time spent in water and dry thoroughly. Handle with care.		

### ADDITIONAL NOTES

Package as dry as possible in bags or clamshells, may include paper towel (or moisture absorbing pad) for extended shelf life. Best used within 3-5

• Ideal grow room temp around 70 degrees F

days.

- Can be a very challenging variety to produce consistent yields and time properly and therefore
  we recommend when selling wholesale use it to supplement mixes rather than selling by itself
  which would result in greater chance of not being able to fulfill orders and thereby disappoint
  customers
- Challenging not best for beginners

**PACKAGING** 

- Covering with soil/vermiculite & stacking really helps with seed hull removal as well as germination
- Favorite variety/source: Rainbow from True Leaf Market

# WHEATGRASS CHEAT SHEET

STARTING			
TIMEFRAME	9-12 days to harvest	SANITIZE	Yes
SOAK	Yes	SEED DENSITY	300-350g per 1020 Tray
AVERAGE YIELD	17 – 19 oz. per 1020 Tray		
PROCESS	Soak in warm water 8-12 hours and rinse. Let seed start to sprout in soaking bucket for 24 hours, rinsing every 8-12 hours. Spread seed over premoistened tray. Stack 3 - 4 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Top Water 2x Daily. Keep moist throughout.	
PROCESS	Place under lights for ~8 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause white cotton mold. Keep well watered, as Wheatgrass doesn't recover well from watering neglect. With the fast growth, there is a potential for tip burn. Don't let the blades get too close to the lights	

HARVESTING		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	Cut and place directly into final container. Washing is not necessary.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels or pads to absorb moisture. Wheatgrass should be used as soon as possible post harvest.	

- High yielding, consistent
- Prefers warm temps at the root zone.
- Great sellers to juice bars use as close to harvest as possible for maximum nutritional value!
- Great to promote as an addition to pre and post workout smoothies.
- Favorite Seed & Source: Organic Hard Red Spring from True Leaf Market

# TURNIP CHEAT SHEET

STARTING			
TIMEFRAME	8-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	15g per 1020 tray
AVERAGE YIELD	5-8 oz per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2-3 trays high (w/added weight on top of stack) for 2-4 days. After 2-4 days, water and place under lights.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water daily or as needed. Be careful not to overwater.	
PROCESS	Place under lights for ~4-6 days. Keep good airflow, low humidity, and watch for mold or damping off issues. Rotate if necessary.	
POTENTIAL ISSUES	Turnips prefer lower light levels than most microgreens, making them ideal for those without a sunny window or artificial lights. You can try to keep them at a longer distance from the lights.	

HARVESTING		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.	

- Flavor profiles for Purple Top Turnip microgreens are varied. Some people think the flavor is similar to kale or spinach. Others say they taste more like a non-spicy radish.
- These microgreens have green tops with mostly white stems. However, with more light, the stems turn a variegated pink and purple.
- Favorite Seed: Purple Top White Globe from True Leaf Market

# SPICY SALAD CHEAT SHEET

Starting Sta			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Spread seed over pre-moistened tray and mist with water bottle. Stack 2 - 3 trays high (w/ empty tray on top and 16 lb. brick paver) for 2-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Best if used within 3-5 days.	

- Popular among salad lovers because it gives a nice mix
- Package in smaller quantities with higher price per ounce
- Can create your own mix with assorted seeds.
- Favorite Seed & Source: Spicy Salad Mix from True Leaf Market

# SPINACH CHEAT SHEET

STARTING			
TIMEFRAME	7-10 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	20-40g per 1020 tray
AVERAGE YIELD	5-10 oz per 1020 tray (depends on varieties used and seeding density)		
PROCESS	Sprinkle on top of soil making multiple light passes to get even distribution. Stack 2 trays high (w/ empty tray & weight on top) for 2-4 days – can rotate bottom tray to top after 1-2 days. After 2-4 days, unstack, water and place under lights. Can use higher end of seed density if you have low humidity and great airflow.		

GROWING		
WATERING	Drop in unslotted 1020 tray and bottom water heavily on the day you uncover – water as needed throughout remaining cycle.	
PROCESS	Place under lights for ~3-5 days. Keep good airflow, low humidity. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow could cause mold issues or mildew scent, especially if top watered or overly hot & humid. If top watered (or humid conditions), dry foliage before harvesting by placing in front of fan (if you intend not to wash)	

HARVESTING	
HARVESTING TOOL	Scissors or sharp knife
METHOD	If moist foliage, best to wash or fan dry before packaging. If dry when harvesting, can skip. If washing is needed, minimize time spent in water and dry thoroughly.
PACKAGING	Package as dry as possible in bags or clamshells, may include paper towel for extended shelf life. If storing inventory in large container, include paper towels to absorb moisture. Best used within 3-5 days.

- Package in smaller clamshells and sell for higher price
- Prefer cooler temps if possible with your setup.
- Pair with fresh citrus and berries, nuts, strong cheeses.
- Favorite Seed: Komatsuna Favorite Source: Johnny's seed

# NASTURTIUM CHEAT SHEET

STARTING			
TIMEFRAME	14-15 days to harvest	SANITIZE	No
SOAK	Yes	SEED DENSITY	80g per 1020 tray
AVERAGE YIELD	7 – 9 oz. per 1020 Tray		
PROCESS	Soak in warm water 2 hours and rinse. Spread seed over pre-moistened tray. Stack 3 - 4 trays high (w/ empty tray on top and 16 lb. brick paver) for 3-4 days. After 3-4 days, unstack, water and place under lights when space available.		

GROWING		
WATERING	Bottom water daily or as needed. Keep moist throughout.	
PROCESS	Place under lights for ~10 days. Keep good airflow and watch for mold issues. Rotate if necessary.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold. Although Nasturtium recovers well from watering neglect - keep soil moist for consistent growth. Begin harvesting when there are 3 - 5 leaves per shoot.	

Harvesting		
HARVESTING TOOL	Sharp scissors	
METHOD	Cut and place directly into large zip-lock type bag or clamshell. Washing is not necessary.	
PACKAGING	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture.	

- Good yields, consistent, good sellers to restaurants!
- Prefers warm temps.
- Great to promote as a sweet and spicy green, similar to Wasabi.
- Suitable for 2nd growth cutting
- Favorite Seed: Jewel Mix Favorite Source: True Leaf Market

# ONION CHEAT SHEET

STARTING			
TIMEFRAME	15 - 20 days to harvest	SANITIZE	No
SOAK	No	SEED DENSITY	50-60g per 1020 tray
AVERAGE YIELD	1.5-3 oz per 1020 tray		
PROCESS	Spread seed over pre-moistened tray. Stack 2 - 3 trays high (w/ empty tray on top and weight) for 3-4 days. After 3-4 days, unstack, water and place under lights. You can also cover seed bed with additional media, smooth and tamp it down. Be sure to spritz with water daily to help the media fall to the bottom, otherwise, harvest takes additional time.		

GROWING		
WATERING	Bottom water as necessary. Keep moist, but not soaked, throughout.	
PROCESS	Place under lights for up to 15 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do not place under direct sunlight.	
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold.  Overwatering and poor airflow can cause 'damping off'.	

Harvesting		
HARVESTING TOOL	Scissors or sharp knife	
МЕТНОР	Cut and place directly into package. Be careful when harvesting from soil as washing is not recommended.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Shelf life in container with paper towel is around 7 - 10 days.	

- Low yielding, consistent, good sellers to restaurants and farmers markets!
- Prefers warm temps
- Great to promote as having a nice strong onion flavor without the tears
- Can also try leeks with these same directions
- Favorite Seed & Source: Onion (Organic) from True Leaf Market

# PEA CHEAT SHEET

STARTING			
TIMEFRAME	9-12 days to harvest	SANITIZE	Yes
SOAK	Yes	SEED DENSITY	300-330g dry / 1020 tray
AVERAGE YIELD	14-21 oz per 1020 tray		
PROCESS	Sanitize by preferred method and rinse. Soak in warm water 8-12 hours and rinse. Spread seed over pre-moistened tray. Stack 2-3 trays high (w/ empty tray & weight on top) for 3- 4 days (can rotate bottom tray to top after 1 day). After 3-4 days, unstack, water and place under lights when space available.		

GROWING	
WATERING	Top or bottom water – up to you. Keep moist throughout.
PROCESS	Place under lights for ~3-5 days. Keep good airflow and watch for mold issues. Rotate if necessary. Do great outdoors – especially spring and fall (or partially shaded in summer).
POTENTIAL ISSUES	Poor airflow or overly hot/humid conditions can cause mold. Keep well-watered, as peas don't recover well from watering neglect. Benefit from cool night temps.

Harvesting		
HARVESTING TOOL	Scissors, sharp knife, or mini handheld electric hedge trimmer	
МЕТНОР	Cut and place directly into packaging or storage if greens are clean. If washing is needed, dry well after washing.	
Packaging	Package as dry as possible in bags or clamshells. If storing inventory in large container, include paper towels to absorb moisture. Great shelf life, up to 2 weeks.	

- A top 2 favorite! High yielding, consistent, good sellers to restaurants, kids love them!
- Prefer warm days and little cooler at night if possible with your setup, cooler at night may help crop leaf out.
- Amazing shelf life!
- Great to promote as healthy snack many kids really enjoy eating raw
- Favorite Seed: Speckled (non-tendril), Green (tendrils) Favorite Source: True Leaf Market

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