



THE FLYER™

Drosophila Product Update DRC 2020

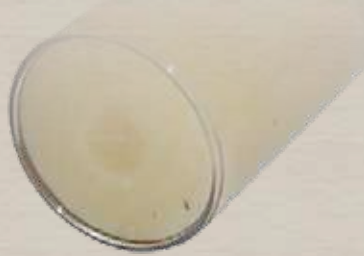


The most trusted name in fly food worldwide.

Powder Pre-mixed Drosophila Food

Molasses and Bloomington Formulation - every batch is guaranteed to produce perfect food

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Nutri-Fly® Grape Agar

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Flystuff® Flowbuddy™ Flow Regulator

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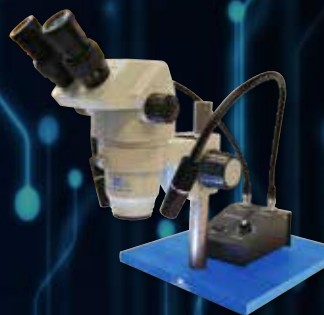
Embryo Collection Cages

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FlyStuff Drosophila Microscope

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GLASS Drosophila Vials

High-quality glass vials that are compatible with our reload trays

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Fly Food

Not More
Expensive!



See How Nutri-Fly is Made
www.flystuff.com

Daily Use Pre-mixed Drosophila Media

Nutri-Fly is made to accommodate the requirements of large, communal Drosophila media preparation facilities as well as small, independent laboratories. The recipe can be doubled, tripled, etc. in the same batches to meet any media quantity requirements.

- Saves time and effort
- Adopted by major Drosophila media prep facilities worldwide
- Never manage stock of individual ingredients again
- Convenient - bulk powder or single use foil pouches
- Robust - 2 year shelf life
- Strict lot traceability - unmatched media consistency

Nutri-Fly® Bloomington Formulation

For consistency, most ingredients* come from the manufacturers cited on the Indiana University, Bloomington Drosophila Stock Center website:

<https://bdsc.indiana.edu/information/recipes/bloomfood.html>

Ingredients

- Quaker Yellow Cornmeal
- Tate and Lyle Corn Syrup Solids
- Lyside® Nutri Inactive Nutritional Yeast
- Agar, Type II
- ADM Soy Flour

* Corn syrup solids have been substituted for light corn syrup and "normalized" according to Brix content.



Nutri-Fly® Molasses Formulation

This recipe is based on the Indiana University, Bloomington Stock Center Cornmeal, Molasses and Yeast Medium recipe:

<https://bdsc.indiana.edu/information/recipes/molassesfood.html>

Ingredients

- Quaker Yellow Cornmeal
- Agar, Type II
- Quick-Flo® Molasses Solids
- Lyside Nutri Inactive Nutritional Yeast



Nutri-Fly® Bulk Powder Food

Never manage inventory of multiple ingredients again! Nutri-Fly Bulk food is the best solution for large kitchens or media prep facilities. Save time, save effort, and guarantee high-quality food.



Loved By Kitchens!

We don't like to brag, but...



Ideal for large kitchens!



We switched to Nutri-Fly and now save hours each week in prep time, allowing us to focus on other things. Our customers love it, no more complaints on inconsistencies!



University of California



We were having a ton of issues with food inconsistencies in our lab, so we switched to Nutri-Fly. We haven't had a problem with our food since switching and we couldn't be happier!



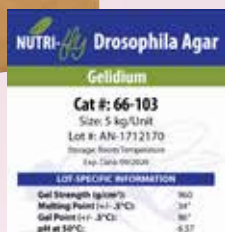
USC

Superbulk Scoopable Food				
Cat #	Formulation	Formula for Every 10L of Food	Units	List Price
66-120	Bloomington	1.76Kg BF Powder + 10L of H ₂ O	Bulk Powder Makes 50L	¥36,800
66-121	Bloomington	1.76Kg BF Powder + 10L of H ₂ O	Bulk Powder Makes 100L	¥73,600
66-122	Molasses	1.78Kg MF Powder + 10L of H ₂ O	Bulk Powder Makes 50L	¥50,800
66-123	Molasses	1.78Kg MF Powder + 10L of H ₂ O	Bulk Powder Makes 100L	¥103,000
Single Use Packets				
Cat #	Formulation	H ₂ O Volume	Units	List Price
66-112	Bloomington	Add 1L/Packet	10x1L Pouches	¥20,100
66-113	Bloomington	Add 10L/Packet	10x10L Pouches	¥100,500
66-116	Molasses	Add 1L/Packet	10x1L Pouches	¥21,500
66-114	Molasses	Add 10L/Packet	10x10L Pouches	¥107,400

We suggest the addition of propionic acid (Cat # 20-271) to extend the shelf life of your fly food. Adding 4.8ml propionic acid has been shown to effectively extend the shelf life of prepared media. Tegosept (Cat # 20-258, 20-29, 20-266), also known as methyl paraben, may be used in addition to but not instead of propionic acid. Propionic acid is considered sufficient as a preservative and the use of tegosept has been shown to slow larval and pupal growth rates in Drosophila. Therefore, we suggest tegosept only when additional fungal protection is necessary.



To view Agar specifications, visit: www.flystuff.com/media



Nutri-Fly® Drosophila Agar, Gelidium, 100 Mesh

Our technical grade Drosophila agar (USP) is a staple ingredient in fly food. 100 mesh particle size. Lot-to-lot quality control processes ensure consistency in your fly food.

Gel Strength Coefficient - Every supplier's agar gel strength will vary from lot to lot. Since the gel strength is noted on the label of all Nutri-Fly Drosophila agar, we strongly suggest that Drosophila media facilities seize the opportunity to use this information to ensure consistency in gelification of fly food. To "normalize" the food based on gel strength, use the following formula:

$$\text{New Agar Mass} = \frac{\text{Current Agar Mass} \times \text{Current Gel Strength}}{\text{New Gel Strength}}$$

Now you can optimize every batch of fly food because each unit of Genesee's Nutri-Fly Drosophila Agar now comes with useful **lot-specific information printed right on the label.**

Cat #	Quantity	List Price
66-103	5Kg	¥95,100
66-104	10Kg	¥181,500
66-105	25Kg	¥418,900
66-111	50Kg	¥809,600

Don't see what you need?

Contact us and we will be happy to carry it for you.



Molasses



Active Dry Yeast



Yellow Cornmeal



Soy Flour

Fly Food Ingredients

Cat #	Description	Brand	Volume/Unit	List Price
62-102	Apple Cider Vinegar	Heinz	3.78L	¥3,000
62-109	Corn Syrup, Solid	Tate & Lyle	22.7Kg	¥33,000
62-100	Cornmeal, Yellow	Quaker	5Kg	¥7,100
62-101	Cornmeal, Yellow	Quaker	11.3Kg	¥13,400
62-113	Dextrose	ADM	22.7Kg	¥12,800
62-110	Malt Extract, Light	Briess	1.36Kg	¥41,400
62-111	Malt Extract, Light	Briess	24.95Kg	¥6,200
62-117	Molasses	Groeb Farms	3.78L	¥8,300
62-118	Molasses	Groeb Farms	18.93L	¥40,900
62-119	Molasses, Dry	Qwik-Flo®	22.68Kg	¥9,100
20-271	Propionic Acid, Sodium Salt	Apex	1Kg	¥10,900
62-115	Soy Flour	ADM	10Kg	¥16,700
62-116	Soy Flour	ADM	22.7Kg	¥23,900
62-112	Sucrose, Spreckels, Granulated	Cargill	22.7Kg	¥18,200
20-258	Tegosept	Apex	1Kg	¥8,700
20-259	Tegosept	Apex	5Kg	¥41,400
20-266	Tegosept	Apex	25Kg	¥211,000
62-103	Yeast, Active Dry	Red Star	907.2g	¥3,100
62-106	Yeast, Inactive Dry	Lyndside® Nutri	5Kg	¥24,200
62-107	Yeast, Inactive Dry	Lyndside® Nutri	10Kg	¥45,200
62-108	Yeast, Inactive Dry	Lyndside® Nutri	22.7Kg	¥90,500

Specialty Pre-mixed Drosophila Media

Nutri-Fly® "German Food" Sick Fly Formulation

This recipe is based on the Indiana University, Bloomington Stock Center Semi-Defined Medium recipe: <https://bdsc.indiana.edu/information/recipes/germanfood.html>

- Nutrient rich – ideal for weak Drosophila stocks
- Flies are up to 10x more productive on this media
- Convenient - sealed in single use foil pouches
- Strict lot traceability - unmatched media consistency

Ingredients

- Brewer's Yeast
- Agar, Type II
- Yeast Extract
- Peptone
- Sucrose
- Dextrose
- MgSO₄·xH₂O
- CaCl₂·xH₂O



Cat #	H ₂ O / Packet	Propionic Acid / Packet	Packets/Unit	List Price
66-115	Add 1L	Add 6.0ml	Makes 10L	¥25,200

Nutri-Fly® Instant Formulation

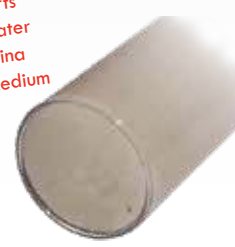
Easily setup new cultures in minutes with the easy-to-use Nutri-Fly Instant. Each 1L packet of Nutri-Fly Instant will prepare ~80 vials.

- Mold resistant
- No cooking required
- Just add water!

No Cooking!
Just Add Equal Parts
Instant Media & Water
Compare to Carolina
Instant Drosophila Medium

Ingredients

- Potato Flakes
- Dextrose
- Brewer's Yeast
- Tegosept



Cat #	Description	Qty/Unit	List Price
66-117	Nutri-Fly Instant, White	1L Packet	¥2,500
66-118	Nutri-Fly Instant, White	4L Packet	¥9,200

Drosophila Vials

100% of packaging is recyclable!



Fly Vial Reload System

Protected by Patent #: D673,296 S; 8,136,679 B2; and 8,430,251 B2

Using Bulk Vials? Reloads are 15x Faster to Rack!

- Average time to rack 1 case of bulk vials: 15 minutes.
- Average time to rack one case of reload vials: about 1 minute
- Receive exactly 500 vials per case; never less
- No more scratched vials & cardboard residue reducing vial clarity
- A far superior product for only a fraction of the price more

Using Racked Vials? Reloads are Less Expensive!

- Reload vials are cheaper than what you pay for tray pack vials
- Environmentally responsible – reduces stop cardboard trays
- Reload vials save lab space – smaller footprint than tray pack vials
- Reload vials are as quick to use as racked vials



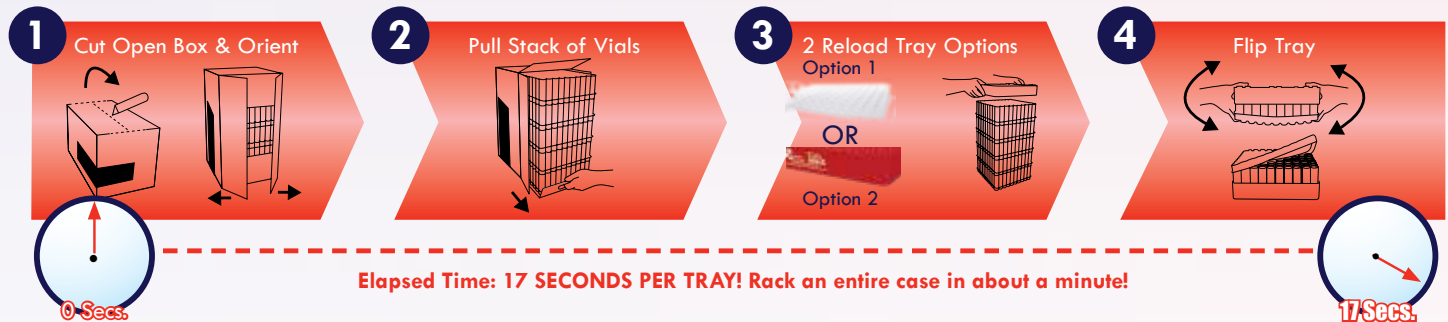
Reload Pack Vials (Available in narrow only)

Narrow (25x95mm) vials, packaged in 5 reload trays of 100 vials/unit

Cat #	Type	Material	O.D. x H	Qty/Unit	List Price
32-109RL	Narrow	Polystyrene	25x95mm	500vials	¥11,100
32-113RL	Narrow	Polypropylene	25x95mm	500vials	¥14,500

See for Yourself!

Watch our Reload Videos at:
www.flystuff.com/reloads

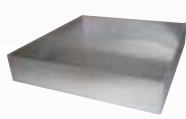


Reload Tray Option 1 Recyclable Reload Tray Partition -

- Unique plastic partition system now makes reload vials compatible with any fully loaded tray: cardboard, aluminum, plastic, stainless steel.
- Plastic insert doesn't provide refuge for mites
- Plastic insert provides better visibility of vials in center



Cat # 32-124 - Cardboard



Cat # 59-151N - Aluminum



Cat # 59-151NSS - Stainless Steel

Reload Tray Option 2 Permanent Plastic Reload Tray -

- No refuge for mites unlike traditional cardboard trays
- Precision Injection Molded - vials fit snugly in tray
- Best option for partially loaded trays
- Rugged construction for years of continued use
- Easy to clean - bleachable or dishwasher safe



Dimensions: 26.35cmx26.35cmx5cm.
For narrow vials: (25 x 95mm).
Not autoclavable. If machine washed, avoid dry cycle.
Plastic is constructed of a rugged, durable polymer blend. Fully submersible and bleachable.

Cat #	Description	Qty/Unit	List Price
32-128	Narrow Vial Partition, Recyclable	144 Partitions	¥36,700

Trays for Narrow Vials

Compatible with recyclable reload tray partition

32-124	Cardboard	50 Trays	¥12,300
59-151N	Aluminum, Autoclavable	1 Tray	¥6,500
59-151NSS	Stainless Steel, Autoclavable	1 Tray	¥10,300

Cat #	Color	Qty/Unit	List Price
59-207BLK	● Black	12 Trays	¥32,300
59-207BLU	● Blue	12 Trays	¥32,300
59-207GRE	● Green	12 Trays	¥32,300
59-207RED	● Red	12 Trays	¥32,300
59-207WHI	○ White	12 Trays	¥32,300

Glass Drosophila Vials

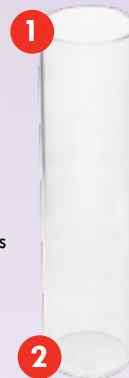
High-quality, glass vials now available through Genesee Scientific. These vials are fully compatible with the extremely popular FlyStuff plastic reload trays (unlike all other glass Drosophila vials on the market). They feature a flat bottom and light glazing around the edge to ensure a tight closure fit.

Available in both individual trays and case quantities!

- 1 Light glazing around the edge for tightest closure fit
- 2 Diameter specifically designed to fit in Flystuff reload trays

Cat #	Description	Quantity/Unit	O.D. x H	List Price
32-201	Narrow Glass Vials	180 Vials	24.5x95mm	¥40,300
32-201C	Narrow Glass Vials	720 Vials	24.5x95mm	¥146,200

Cat # 59-207RED



SUPERBULK™ Pack Vials

1,000 Vials Per Unit (1 Case of 1,000)

This honeycomb arrangement of vials provides better protection to prevent breakage. It has also decreased the voluminous case to a smaller footprint to save on freight cost and on storage space. The upward facing arrangement allows for easier placement from the case to your vial tray. Simply place the box at an angle, start from the top and transfer to your vial tray. Now with the new tear-away design, the vials at the bottom of the case are just as accessible as the top!

- Small footprint for easier storage
- Save on freight cost
- Helps prevent breakage
- Simple to unload and place in vial tray
- Huge time saver

MORE SAVINGS!



Traditional Bulk Pack

Superbulk Pack



500 Vials



500 Vials



1000 Vials



Tear-away packaging
Allows Easy Access to Lower Layers

- 25% Less Packaging
- 15% Smaller Cubic Footprint
- 50% Less Breakage

100% Smart Choice!



Cat #	Type	Description	O.D x H	List Price
32-116SB	Narrow	Polystyrene	25x95mm	¥16,000

Drosophila Vials

These quality Drosophila vials are precision molded from premium grade polystyrene, K-Resin or polypropylene. All of Genesee Scientific fly vials are conveniently offered in either tray pack or bulk pack configurations. The tray pack 10 x 10 row configuration is great for quick, effortless filling. The bulk pack vials are layered with open-end orientation for convenient handling and smaller case size for easy storage.

Polystyrene

Offer glass-like clarity for excellent visibility. These fly vials are a safe and cost-saving alternative to glass vials. Polystyrene vials are not autoclavable.

K-Resin

Offer glass-like clarity and rugged durability. This unique material is highly flexible, virtually unbreakable and scratch-resistant. Therefore, K-Resin are an excellent choice for shipping flies. K-Resin fly vials are not autoclavable. **Try our polypropylene vials that are clearer than ever and just as strong as K-Resin at a significantly lower price.**

Polypropylene

These virtually indestructible fly vials offer good clarity and cost savings and are fully autoclavable. Recommended autoclave settings: 121°C, 15psi, 15minutes.

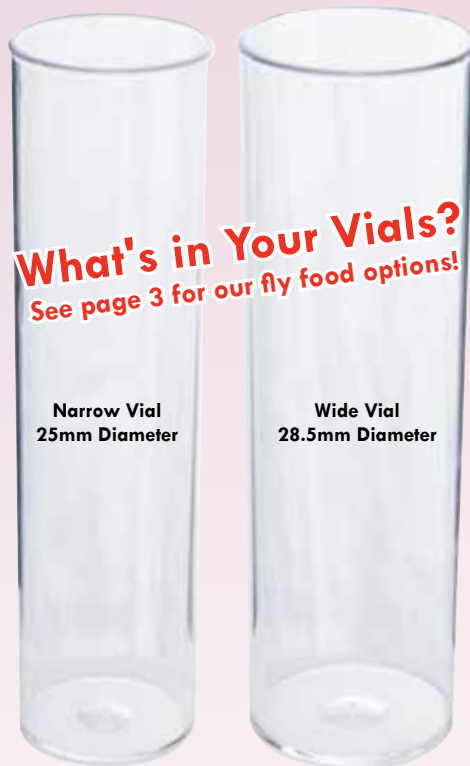
Master Case Quantities

To best protect these vials during shipping, we have designed special, durable boxes to fit multiple cases of Drosophila vials. We encourage customers to order vials in multiples of Master Case quantities to help protect shipments and reduce freight costs.



Master Case

What's in Your Vials?
See page 3 for our fly food options!



Actual Size

Tray Pack Vials

500 Vials Per Unit (5 Trays of 100 Vials)

Cat #	Type	Material	O.D. x H	Units	List Price
32-109	Narrow	Polystyrene	25x95mm	500Vials	¥11,300
32-110	Wide	Polystyrene	28.5x95mm	500Vials	¥13,100
32-111	Narrow	K-Resin	25x95mm	500Vials	¥21,600
32-112	Wide	K-Resin	28.5x95mm	500Vials	¥24,000
32-113	Narrow	Polypropylene	25x95mm	500Vials	¥15,300
32-114	Wide	Polypropylene	28.5x95mm	500Vials	¥15,300



Tray Pack

Reload Pack Vials (Available in Narrow Only)

Narrow (25 x 95mm) vials, packaged in 5 reload trays of 100 vials/unit

Cat #	Type	Material	O.D. x H	Units	List Price
32-109RL	Narrow	Polystyrene	25x95mm	500Vials	¥11,100
32-113RL	Narrow	Polypropylene	25x95mm	500Vials	¥14,500

More Details
on Page 4

**SAVE TIME
AND MONEY!**



Reload Pack

Bulk Pack Vials

More Details
on Page 5

Cat #	Type	Material	O.D. x H	Units	List Price
32-116SB	Narrow -Superbulk	Polystyrene	25x95mm	1000Vials	¥16,000
32-116	Narrow	Polystyrene	25x95mm	500Vials	¥8,300
32-117	Wide	Polystyrene	28.5x95mm	500Vials	¥10,600
32-118	Narrow	K-Resin	25x95mm	500Vials	¥17,500
32-120	Narrow	Polypropylene	25x95mm	500Vials	¥11,800
32-121	Wide	Polypropylene	28.5x95mm	500Vials	¥13,400

Bulk Vials

Open-end oriented for easy racking!

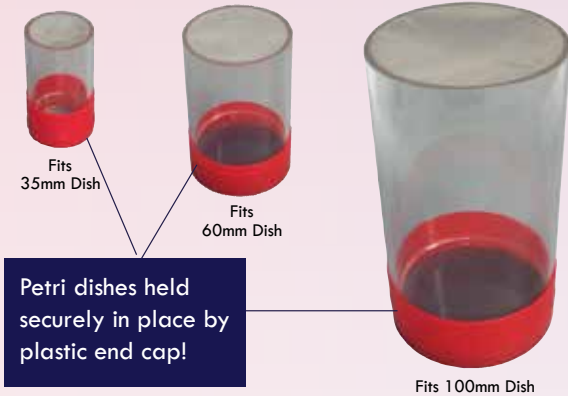


Embryo Collection

Cat # 59-105

Cat # 59-100

Cat # 59-101



Embryo Collection Cages

- Made of durable acrylic
- Extended end cap (flexible LDPE) which accommodates a Petri dish which eliminates the need for tape, while maintaining cage integrity.
- Fused Stainless steel mesh (97µm) at top of the cage to allow ample breathability & eliminate condensation.

Cat #	Description	Qty / Unit	List Price
59-105	Mini, Fits 35mm Dish	4 Cages	¥9,500
59-106	Mini Add'l Caps	8 Caps	¥3,100
59-100	Small, Fits 60mm Dish	4 Cages	¥12,400
59-102	Small Add'l Caps	8 Caps	¥2,600
59-101	Large, Fits 100mm Dish	4 Cages	¥20,400
59-103	Large Add'l Caps	8 Caps	¥3,400

Cleaning Instructions: Use cold soapy water. Do not clean with ethanol or other alcohol. Embryo Collection Cage Compatibility Chart:

<http://flystuff.com/wp-content/uploads/2015/04/CollectionCagePetriDishChart.pdf>

Petri Dishes

Cat #	Size (mm)	Qty/Unit	List Price
32-103	35 x 10	500	¥21,200
32-105	60 x 15	500	¥21,200
32-107	100 x 15	500	¥28,500
32-106	150 x 15	100	¥17,300



Nutri-Fly® Grape Agar Powder Premix Packets

**DEEP PURPLE
WITH RICH
AROMA**



Grape Agar powder premix offers convenience and consistency. The crucial ingredient is Concord grape and ours comes from a unique vacuum freeze-drying process which captures the robust flavor, aroma, color and nutrients of the best quality Concord grapes.

The highest purity food grade agar is used in the ideal ratio to other ingredients to produce a truly perfect juice agar plate. Our Quality Control does not stop with the best ingredients - we rigorously test multiple batches from every lot to assure the product used in your lab makes the best plate, every time.

Grape vs. Apple? Take the Genesee challenge! We unconditionally guarantee you will get the most egg beds that can possibly be laid when you pour Flystuff grape agar plates.

Ingredients: Concord Grape Crystals, Sucrose, Agar, Tegosept

- Never bother fruit juice shopping for science again!
- 100% Concord grape juice produces rich aroma and deep purple color for excellent contrast
- Thorough quality procedures assure optimal performance and reproducibility

Just add water! • Microwave • Hotplate • or Autoclave



**Makes Perfect Plates.
Purple Provides Excellent Contrast!**

Approx. Yield / Packet (500ml)

35mm Dish	••••	79 Plates
60mm Dish	••••	47 Plates
100mm Dish	••••	24 Plates

Each single-use packet of FlyStuff Grape Agar Powder Premix makes 500ml.

Cat #	Description	Qty / Unit	List Price
47-102	Grape Agar Single-Use Packets	25	¥29,400



Bottles

Drosophila Stock Bottles

- **Polyethylene:** Good transparency, softest top, not autoclavable
- **Polypropylene:** Better transparency, pliable top, fully autoclavable
- **Glass:** Best transparency, heavy-wall construction for multiple autoclavings and years of every day use

New Packaging for 6oz Bottles! 30% Less Cardboard

- Environmentally friendly
- Smaller storage footprint

- 1 Designed for Universal Closure Compatibility
- 2 Clearer and Less Obstructions for Best Visibility
- 3 Graduations in 12.5ml Intervals



Cat # 32-130 (PP) & 32-131 (PE)
5.71cm ea side x 10.16cm H
Universal Compatibility



Cat # 32-129F
6.03cm dia x 13.02cm H
Universal Compatibility



Cat # 50-102
6.03cm dia x 13.65cm H
Droso-Plugs

Cat #	Description	Material	Qty / Unit	List Price
32-130	6oz Square Bottom Bottle	Polypropylene	500	¥26,900
32-131	6oz Square Bottom Bottle	Polyethylene	500	¥28,500
32-129F	8oz Round Bottom Bottle	Polypropylene	250	¥20,200
50-102	Half Pint Glass Stock Bottle	Glass	60	¥50,500



Mite Control

Mite Spray™



Foaming sprayer to envelop mite in mite spray



Our proprietary formulation is designed for easy spray-on-wipe-off use. A heavy duty foaming action sprayer produces a foam to optimize the exposure of mites to the spray. Available in a convenient spray bottle and refills.

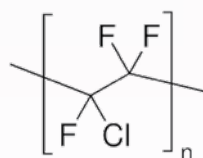
- Kills *Tyrophagus putrescentiae*
- Spray on affected surfaces and wipe or rinse clean
- Active Ingredients: Isopropanol, Ethyleneglycol Monohexylether

Cat #	Description	Qty / Unit	List Price
59-130	Mite Spray, 975ml w/ Foaming Sprayer	1 Kit	¥3,800
59-130R	Mite Spray Refill, 975ml	1 Bottle	¥2,700

Halocarbon Oil

Synonym: polychlorotrifluoroethylene (PCTFE)

Halocarbon oil allows free diffusion of oxygen, has low viscosity, and thus prevents dehydration and hypoxia. With a refractive index similar to glycerol, halocarbon oil also has good optical properties for imaging. It also provides a good environment for injection and is particularly useful for long-term imaging of embryos.



Cat #	Description	Qty/Unit	List Price
59-131	Halocarbon 700* Oil	50ml	¥22,300
59-132	Halocarbon 700* Oil	2x50ml	¥41,000
59-133	Halocarbon 27* Oil	50ml	¥22,300
59-134	Halocarbon 27* Oil	2x50ml	¥41,000

* Kinematic Viscosity (Centistokes@100°F, 37.8°C)

Closures

Flugs® Closures for Vials and Bottles

- Flugs are bonded dense weave cellulose acetate plugs for Drosophila vials and bottles
- Provides a better barrier to mites than cotton, rayon, paper lids and foam plugs - the best mite proof closure available
- Offers minimal shedding and reduced evaporation, which keeps food fresher longer



Master Case Quantities

For your convenience, we have designed boxes which fit multiple cases of **Flugs**.

We encourage customers to order **Flugs** in multiples of Master Case quantities to help protect shipments and reduce freight costs.

Cat #	Fits	Qty / Unit	List Price
49-100	Stock Bottles	1000	¥33,600
49-101	Wide Plastic Vials	1000	¥16,500
49-102	Narrow Plastic Vials	1000	¥14,900
49-103	Glass and Shorty Vials	1000	¥14,900

Cotton & Rayon Balls

- Consistent uniformity of shape and size for maximum efficacy in vial plugging.
- Effective barrier to mite infestation.

**LARGER, MORE
CONSISTENT BALL SIZE!**



Cat #	Material	Fits	Qty / Unit	List Price
51-101	Cotton	Narrow Vials	2000 Balls	¥10,200
51-102W	Cotton	Wide Vials	2000 Balls	¥27,100
51-102B	Cotton	Bottles	2000 Balls	¥22,900
51-100	Rayon	Narrow Vials	2000 Balls	¥10,300

Cotton & Rayon Rope

- Pharmaceutical grade
- Pulled or cut in any length to effectively plug any size vial or bottle
- Conform to USP (current edition) Purified Rayon and Purified Cotton

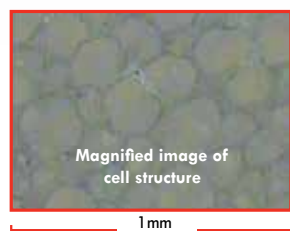


Rope coils allow user-defined sizing

Cat #	Description	Qty / Unit	List Price
52-100	Rayon Rope	20lb Coil	¥39,000
52-101	Cotton Rope	17lb Coil	¥35,200

Droso-Plugs®

- Densest foam ever offered to fly labs
- Increased height for extra protection
- Easiest closure available: Insert/Remove/Gas
- Reusable (washable, autoclavable*)
- Recommended autoclave settings: 121°C, 15psi, 15 minutes



Cell Structure

The proprietary nominal density 92.1kg/m³ provides an incredibly tight cell structure (3,000,000 micro-cells per square centimeter).

Cat #	Description	Qty / Unit	List Price
59-194	Bottle Droso-Plugs	1536 Plugs	¥85,900
59-194P	Plastic Bottle Droso-Plugs	2560 Plugs	¥143,000
59-200	Narrow Vial Solid Droso-Plugs	6760 Plugs	¥98,500
59-201	Wide Vial Solid Droso-Plugs	4840 Plugs	¥102,100

* Results may vary after autoclaving. Test a small amount first.

Anesthesia

Flystuff® Flowbuddy™ Flow Regulator

The Flowbuddy Flow Regulator adds convenience and precision flow control to any CO2 Drosophila workstation. Flowbuddies are great for flyrooms with multiple flypads and a single CO2 source.



Wall-Mount Flowbuddy

Benchtop Flowbuddy, Complete

Cat #	Description	List Price
59-122B	Benchtop Flowbuddy, Alone	¥75,700
59-122BC	Benchtop Flowbuddy, Complete*	¥119,000
59-122BCU	Benchtop Flowbuddy, Complete* w/ Ultimate Flypad	¥150,300
59-122W	Wall-Mount Flowbuddy, Alone	¥59,300
59-122WC	Wall-Mount Flowbuddy, Complete*	¥113,600
59-122WCU	Wall-Mount Flowbuddy, Complete* w/ Ultimate Flypad	¥146,000

* Complete Flowbuddy system includes Flowbuddy flow regulator; blowgun with coiled tube and 0.04x1.18in needle (0.079x1.73in can be substituted free upon request); standard size flypad (large size can be substituted free upon request); and 6 feet 0.125in I.D. tubing.



Luer lock
for needles

Cat # 54-119N
(Actual Size)

Cat # 54-119
(Actual Size)

Cat # 54-119L
(Actual Size)

Flystuff Mini Blowgun
w/ Cat # 54-119L
Long Replacement
Needle attached

Flystuff® Blowgun

The FlyStuff pistol grip blowgun offers variable flow control and is lightweight, ergonomic and the perfect complement to any CO2 anesthetizing apparatus. The output is a 0.04in stainless steel needle tip with a nickel plated brass base. The needle length measures 1.18in in length (ideal for use with cotton, rayon or **Flugs**). The barbed input is a solid brass 0.125in I.D. and fits our standard size tubing.

Cat #	Description	List Price
54-104	Flystuff Blowgun	¥16,300
54-104M	Flystuff Blowgun Mini	¥18,600
54-119	Replacement Needle, 0.04x1.18in	¥1,700
54-119L	Replacement Needle, 0.079x1.73in	¥2,100
54-119N	Luer Lock Adapter	¥1,400

Visit www.flystuff.com/flyroom.pdf
to see recommended fly room setups

Anesthesia Product Accessories



Cat # 59-209
Flow Control Fitting
for Blowgun

Cat # 59-210
Flow Control Fitting
for Flypad

Cat # 59-178
Tube Reducer

Cat # 59-124G
Green Tubing



Cat # 59-140
Hose-to-Hose Connector

Cat # 59-123
"T" Fitting



Cat # 59-125
Coiled Tube, Green

Cat #	Description	List Price
59-124C	Clear Tubing, 30.5cm/Unit	¥300
59-124G	Green Tubing, 30.5cm/Unit	¥300
59-125	Green Coiled Tube, 91.4cm	¥5,000
59-209	Flow Control Fitting for Blowgun	¥5,000
59-210	Flow Control Fitting for Flypad	¥5,900
59-123	"T" Fitting	¥1,000
59-179	4.75mm Tube Reducer	¥1,000
59-178	6.4mm Tube Reducer	¥1,000
59-140	Hose-to-Hose Connector	¥600

Flystuff® Ultimate Flypad

Replaceable Surface!
For instructions, visit flystuff.com/ultimate

UHMW smooth porous polyethylene staging area offers warp-free surface and optimal diffusion of CO₂

Hardware Included!

"Zero-edge" rim for easier and safer removal of flies

3 input options to best suit your setup
• Metal casing to reduce static
• Easily replaceable pad (hardware included)

Flystuff® Flypad

2 SIZES AVAILABLE!

1/4in Barbed Input Available Upon Request

Flypad Frame (optional)

Flystuff® Foot Pedal

- Designed to conserve CO₂ by 500% or more
- Reduce the risk of over-anesthetizing flies
- Saves time & tedium involved in having to frequently change out CO₂ tanks
- Solid brass barbed input and output fit 0.125in I.D. tubing



Cat #	Description	List Price
59-114	Flypad, Standard Size (8.1x11.6cm)	¥28,900
59-118	Flypad Frame, Standard Size	¥8,400
59-119	Flypad, Large Size (10.1x14cm)	¥31,300
59-120	Flypad Frame, Large Size	¥8,300
59-172	Ultimate Flypad with Accessories* (8.9x12.4cm)	¥69,600
59-172B	Ultimate Flypad, Black Surface, with Accessories*	¥69,500
59-199	White Surface for Ultimate Flypad, 5 Pads/Unit	¥13,900
59-199B	Conductive Black Surface for Ultimate Flypad, 5 Pads/Unit	¥15,500

* Each Ultimate Flypad comes with 2 additional replacement pads, hex wrench, 5 feet of Genesee tubing, 2 threaded plugs, 1 (one) 1/8in I.D. threaded input, and 1 (one) 1/4in I.D. threaded input.

Cat #	Description	List Price
59-121	Flystuff Foot Pedal	¥30,000
59-121C	Flystuff Foot Pedal, Complete*	¥90,500
59-121CU	Flystuff Foot Pedal, Complete* w/ Ultimate Flypad (no frame)	¥117,800

* FlyStuff Complete foot pedal system includes: 1 foot pedal; 1 Flypad; 1 Flypad Frame; 5 Feet 0.125in I.D. Tubing; 1 "T" Fitting; 1 blowgun w/ coiled tube & 0.04x1.18in needle (0.079x1.73in can be substituted upon request.)

Food Fillers

Droso-Filler®

The Droso-Filler media dispenser is available exclusively through Genesee Scientific. Simply fill the trough with your Drosophila media of choice and pour tray after tray as quickly as possible! Made from food-grade stainless steel with a Teflon sliding plate.



- Includes a 5 year warranty with a 90-day full refund return policy
- Available in 3 sizes to fill either a full tray of 100 narrow vials, 100 wide vials, or 25 square bottom bottles at a time
- Upgrade your old Droso-Filler with the new post o-rings
- Adjustable back stop for use with nearly all trays

NOW WATER RESISTANT!

Cat #	Description	Qty/Unit	List Price
59-168	Narrow Vial Droso-Filler*	1 Filler	¥819,100
59-169	Wide Vial Droso-Filler*	1 Filler	¥819,100
59-170	Square Bottom Bottle Droso-Filler*	1 Filler	¥819,100
59-175	Post O-Rings	10 O-Rings	¥6,100

* Price includes royalty to Princeton University

Microscopy

FlyStuff Drosophila Microscope

The FlyStuff Microscope has been specially designed by Genesee Scientific as yet another component of the ideal Drosophila workstation.

Superior Optics

You can expect superior optical performance and a broad magnification range of 6.5X-45X, or 7:1 zoom to deliver brilliance, clarity, parfocality, flatness and depth of field. Our optics expose more specimen in field of view with 22mm wide 10X eyepieces.

Minimize Fatigue

Side mounted zoom and low positioned focus controls and 45° incline allow natural position, reduce stress.

Innovative Base

Includes the new, one-of-a kind scope base which is counterweighted. This feature clears up all obstructions for easiest manipulation of your flypad under your scope. Fits standard 30mm diameter microscope mounts.

Cat #	Description	List Price
59-502	Flystuff Binocular Microscope	¥371,200
59-503	Flystuff Trinocular Microscope	¥418,500
59-501	Flystuff Microscope Base	¥61,000
59-500	LED Light Source, Dual Gooseneck	¥87,000



Cat # 59-500
Gooseneck cool LED
illuminates 50,000 hours!

Cat # 59-502
Binocular
Dissecting Scope

Includes counter-
weighted base!

(Cat # 59-503 Trinocular
Scope not pictured)

Cat # 59-172
Ultimate Flypad (see page 11)

Cat # 59-501
Retrofit your existing scope! Backweighted base also sold separately

◆お願いおよび注意事項◆

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