

NEBBA MIST NETS

NEBBA imports 18 types of mist nets as a service to our members and other netters, and prices them close to actual cost. Net income has been used to build up the needed working capital, and to support *Bird-Banding's* ten-year indices—valuable reference tools which don't pay their own way fully.

Nets are in stock for immediate shipment. We have generally been able to fill orders promptly, but if you know your needs in advance, an early order may avoid delay.

The prices shown include shipment by surface parcel post within the United States; for shipment by air parcel post, add 10%. If desired, we can ship by parcel post "special delivery" or "special handling", at the actual extra cost. We make every effort to deliver by desired dates, but in view of the inadequacies of the postal service, we cannot guarantee such a date.

For shipment outside the U. S., by surface parcel post, add 10% (5% additional postage; 5% additional handling—such as preparing customs forms). For shipment outside the U. S. by air parcel post, we charge the extra postage (which is substantial) instead of the 10%. On any shipment outside the U. S., the purchaser (1) pays any customs duties or similar charges levied by his country, and (2) should remit in U. S. dollars or in currency freely convertible into U. S. funds at par. If special customs invoice forms have to be filled out, the necessary number of blank copies should be furnished with the order (except for Canada), as we have no quick and convenient way to obtain them here.

We regret that we cannot ship by other methods, such as air freight. The light weight of nets (e.g., under five ounces for type A) makes parcel post the most economical method in almost all cases. Also, our volunteer, part-time labor is not prepared to handle the substantial and complicated extra paper work generally involved. We do not ship via freight forwarders or consolidators.

Institutions may order by letter or purchase order, without advance payment (terms, 30 days net, and no cash discount). If any invoice other than the standard NEBBA form is necessary, this should be specified at the time of the order, and a set of the forms provided. New members or subscribers may include payment in the same check as for the nets.

Permits to band birds in the U. S. or Canada do not authorize the use of nets unless the permit is specifically endorsed. Those ordering nets for the first time are asked to show their permit number, or to explain how the nets will be used. Institutions ordering by purchase order are asked to show the individual who will be responsible for use of the nets. NEBBA sells nets only for scientific purposes, to individuals or institutions that appear qualified to use them. We reserve the right to decline sales to anyone whose qualifications appear to us to be inadequate or unproven. Nets will not be sold for purposes such as the control of the numbers of birds, or for commercial collecting.

CHOICE OF MISTNET TYPES

To some extent, the choice of mistnet types is a matter of personal preference rather than fixed rules. Each netting station should decide for itself what types fit its needs, rather than following rigid rules. However, it's possible to outline some general guides.

First, determine the best mesh size for your purposes, depending on the species to be captured. No one size can be efficient for all sizes of birds; for other sizes, the net may be ineffective, or the bird may damage the net.

24mm: originally considered a warbler net, but now considered a specialty size, for kinglets, small titmice, or the smallest wood warblers.

30mm: recommended for wood warblers in general, and thus for Operation Recovery stations specializing in warblers. The line of peak efficiency between this and 36mm mesh falls between birds taking U. S. band size 1 or less (30mm) and those taking band size 1B or larger (36mm). See "The Comparative Efficiency of 30 and 36 mm. mesh in mist nets", by Mary A. Heimerdinger and Robert C. Leberman, *Bird-Banding*, 37(4): 280-285, October 1966.

36mm: the general-purpose size for small birds (see discussion under 30mm, above).

DESCRIPTION OF MIST NETS

All NEBBA mist nets are black, with nylon mesh and shelf-strings, the best grade we can obtain in Japan.

Type	Length (meters)	Height (meters)	Shelves	Mesh (mm.)	Denier	Tethered	Extra-full mesh
A	12	2.4	4	36	70	no	no
ATX	12	2.6	4	36	70	yes	yes
B	6	1.2	2	36	70	no	no
C	12	2.4	4	61	110	no	no
CTX	12	2.6	4	61	110	yes	yes
D	6	2.4	4	36	70	no	no
DTX	6	2.6	4	36	70	yes	yes
E	12	2.4	2	121	210	no	no
ETX	12	2.6	2	121	210	yes	yes
F	12	2.2	4	24	70	no	no
FTX	12	2.4	4	24	70	yes	yes
G	6	2.2	4	24	70	no	no
GTX	6	2.4	4	24	70	yes	yes
H	12	2.4	4	30	70	no	no
HT	12	2.4	4	30	70	yes	no
HTX	12	2.6	4	30	70	yes	yes
J	6	2.4	4	30	70	no	no
JTX	6	2.6	4	30	70	yes	yes

Meter: about 39". 12 meters = about 41' between poles. 2.4m = 7' as set.

Millimeter (mm): 25mm = about one inch; 36mm = about 1 1/2".

Height: as designated by the manufacturer (though the user can vary the height of the top shelfstring from the ground somewhat).

Mesh: figures are "stretched" (on 36mm., the unstretched side of the square of mesh is about 3/4").

Denier: the lower numbers show a lighter thread. All yarn is two-ply, except 210 denier which is four-ply.

Tethered: the top edge has an extra shelfstring, tied to the regular shelfstring and the mesh itself about every 10". This edge is marked by white loops (instead of black). Thus the net doesn't bunch at one end on a windy day, and can be used under somewhat more windy conditions than normal.

Extra-full: an additional .2 meters high, and with about 10% more mesh horizontally as well. Type A is cut relatively full (about 150 meshes, vertically).

61mm: called a "thrush" net in Japan, but recommended only for the largest thrushes, such as the American robin. Widely used for mourning doves and woodcock. Could be used for grackles, or medium-sized shorebirds.

121mm: recommended for ruffed or spruce grouse, or large shorebirds such as curlew. Probably suitable for small to medium-sized ducks or hawks.

Next, consider net length. In general, use 12-meter nets if you have the space, and 6-meter only if space is limited. For a long line of nets, the 6-meter nets would require about twice as many as 12-meter. The 12-meter size is considered the longest practical one (over that, nets normally require a clumsy extra pole in the middle).

Finally, consider tethering. The tethered net is helpful in windy locations, though it won't permit net use in high winds, rain or severe cold. However, if your site seldom has wind problems, untethered nets are a little cheaper.

Net type	PRICES OF NEBBA MIST NETS								
	1	2	3	4	5	6	7	8	9
A	\$4.60	.50	.25	.25	4.10	3.85	3.60	4.35	3.85
ATX	5.00	.50	.25	.25	4.50	4.25	4.00	4.75	4.25
B	2.20	.20	.10	.10	2.00	1.90	1.80	2.10	1.90
C	5.25	.50	.25	.25	4.75	4.50	4.25	5.00	4.50
CTX	5.75	.50	.25	.25	5.25	5.00	4.75	5.50	5.00
D	2.95	.30	.15	.15	2.65	2.50	2.35	2.80	2.50
DTX	3.15	.30	.15	.15	2.85	2.70	2.55	3.00	2.70
E	5.65	.50	.25	.25	5.15	4.90	4.65	5.40	4.90
ETX	6.00	.50	.25	.25	5.50	5.25	5.00	5.75	5.25
F	5.75	.50	.25	.25	5.25	5.00	4.75	5.50	5.00
FTX	6.25	.50	.25	.25	5.75	5.50	5.25	6.00	5.50
G	3.35	.30	.15	.15	3.05	2.90	2.75	3.20	2.90
GTX	3.75	.30	.15	.15	3.45	3.30	3.15	3.60	3.30
H	5.25	.50	.25	.25	4.75	4.50	4.25	5.00	4.50
HT	5.00	.50	.25	.25	4.50	4.25	4.00	4.75	4.25
HTX	6.15	.50	.25	.25	5.65	5.40	5.15	5.90	5.40
J	3.15	.30	.15	.15	2.85	2.70	2.55	3.00	2.70
JTX	3.35	.30	.15	.15	3.05	2.90	2.75	3.20	2.90

Explanation of column headings

1. Base price.
2. Discount if purchaser member of NEBBA or subscribes to *Bird-Banding*.
3. Cash discount (individuals should send check or money order with order).
4. Quantity discount (10 or more nets, one type or mixed types, shipped at one time, to one address).
5. Price, cols. 1 & 2 (member/subscriber, not cash or quantity).
6. Price, cols. 1, 2 & 3 (member/subscriber, and cash, not quantity).
7. Price, cols. 1 through 4 (all discounts).
8. Price, cols. 1 & 3 (cash, not member/subscriber or quantity).
9. Price, cols. 1, 2, & 4 (member/subscriber and quantity, not cash).

For 30mm mesh and 12-meter length, NEBBA has two tethered types: HT and HTX. The mesh in HT is as full as in type H; the mesh in HTX is "extra-full".

ORDERS OR INQUIRIES

Further information on nets may be obtained from, and orders sent to: Mr. E. A. Bergstrom, 37 Old Brook Road, West Hartford, Conn. 06117 U. S. A.

NOTES AND NEWS

We would once again like to remind contributors (old and new) to the North American Nest-Record Card program to return their completed cards to the Laboratory of Ornithology, Cornell University, Ithaca, New York 14850, or to their nearest Regional Center (complete listing in *Audubon Field Notes*). The Laboratory is also interested in records from previous years; and if anyone has extensive notes from earlier years, the laboratory is willing to undertake the task of transferring the data. During the past few months considerable progress has been made in editing and punching data and writing computer programs for analysis of data. Any serious worker interested in using the material should contact the Director of the program, Dr. David B. Peakall at the Laboratory of Ornithology.