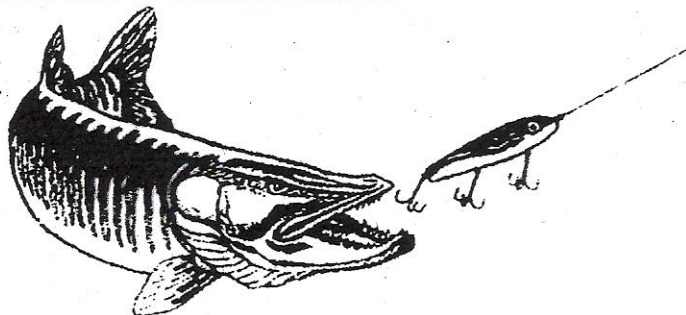


# Indiana DNR 2006 Muskellunge Stocking Results

| <i>2006 IN DNR Muskellunge Stockings</i>   |                         |                |               |
|--|-------------------------|----------------|---------------|
| Lake Name  | Number Requested        | Number Stocked | Size (Inches) |
| <b>NORTH REGION</b>  |                         |                |               |
| Webster (90 Day Forage Finished MUE)   | 3,870                   | <b>3,893</b>   | 9.70          |
| Tippecanoe (90 Day Forage Finished MUE)  | 1,133                   | <b>1,133</b>   | 9.81          |
| Barbee Chain (30 Day Forage Finished MUE)  | 4,250                   | <b>4,250</b>   | 9.00          |
| Ball (30 Day Forage Finished MUE)  | 435                     | <b>435</b>     | 8.80          |
| Loon (30 Day Forage Finished MUE)  | 1,110                   | <b>1,110</b>   | 8.90          |
| Bruce (30 Day Forage Finished MUE)   | 1,225                   | <b>1,225</b>   | 8.80          |
| Skinner (30 Day Forage Finished MUE)   | 625                     | <b>625</b>     | 9.00          |
| Palestine (30 Day Forage Finished MUE)   | 1,450                   | <b>1,450</b>   | 8.70          |
| <b>SOUTH REGION</b>  |                         |                |               |
| Waveland (30 Day Forage Finished MUE)  | 1,790                   | <b>1,791</b>   | 9.70          |
| Bass (30 Day Forage Finished MUE)  | 1,100                   | <b>1,110</b>   | 8.70          |
| Plover Pit (30 Day Forage Finished MUE)  | 335                     | <b>335</b>     | 9.70          |
| Sandpiper Pit (30 Day Forage Finished MUE)   | 85                      | <b>85</b>      | 8.70          |
| West/Black Cat Lake (30 Day Forage Finished MUE)   | 640                     | <b>640</b>     | 8.70          |
| Bluegrass Pit (Bluegrass FWA) (30 Day Forage Finished MUE )  | 972                     | <b>972</b>     | 9.70          |
| Loon Pit (BlueGrass FWA) (30 Day Forage Finished MUE )   | 920                     | <b>920</b>     | 9.70          |
| <b>NOTE- DID NOT STOCK GLENN FLINT BECAUSE OF VALVE ISSUES</b>   |                         |                |               |
| <b>Total IDNR Muskellunge before Brookville surplus stocking=</b>  | <b>19,940</b>           | <b>19,974</b>  | <b>9.25</b>   |
| Brookville Reservoir (30 Day Forage Finished MUE)  | Surplus                 | <b>698</b>     | 9.70          |
| <i>Note: Brookville Reservoir is a surplus stocking location, once all above stocking locations have been completed.</i> |                         |                |               |
| <b>Total 2006 IN DNR Stocking with Brookville Surplus=</b>   | <b>19,940 + Surplus</b> | <b>20,672</b>  | <b>9.27</b>   |
| <b>NOTE:</b>   |                         |                |               |
| <i>All fish stocked by IN DNR in 2006 were Webster Lake Progeny</i>  |                         |                |               |
| <b>INTERSTATE TRADES</b>   |                         |                |               |
| <b>6/12/2006</b>   |                         |                |               |
| Trade to Ohio MUE Fingerlings  | Surplus                 | <b>14,434</b>  | 1.65          |
| <i>(Not established trade, but Ohio had tough year and we had extra MUE)</i>   |                         |                |               |
| <b>7/31/2006</b>   |                         |                |               |
| Trade to Tennessee- MUE Fingerlings  | 10,000                  | <b>10,000</b>  | 4.90          |
| <i>(Established Trade of MUE Fingerlings for STB and Hybrid STB fry)</i>   |                         |                |               |



# 2006 Muskie Egg Collection Results

Trap nets first set in Lake Webster on April 3. Nets removed April 13.

Used 3 trap nets.

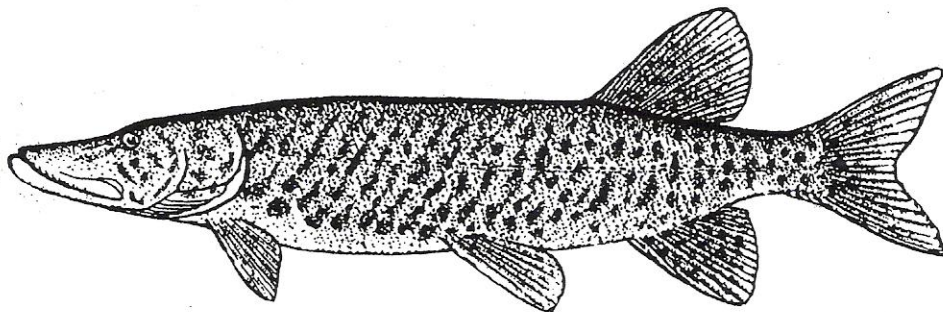
Surface water temperatures ranged from 43F to 57F.

Collected 217 muskies: 113 males and 104 females.

Spawned 44 females yielding 1.7 million green eggs.

From the 1.7 million eggs we produced 478,969 sac fry.

From the 478,969 sac fry we produced 340,260 swim-up fingerlings.



# 2006 Hatchery Production Results

From the 340,260 swim-up fingerlings, DNR hatcheries grew and shipped 45,106 muskies:

**20,672 “full term” muskies (nearly 10”) stocked in Indiana**

14,434 surplus muskies (1.6”) provided to Ohio

10,000 surplus muskies (5”) provided to Tennessee

Muskies are produced at two Indiana DNR hatcheries: Fawn River Hatchery in Steuben County and East Fork Hatchery in Daviess County.

Harvest return at Fawn was 59% of the fingerlings placed out in production ponds. If you discount one pond that had a 7% return due to an oxygen crash, the overall return was closer to 70% - excellent year.

We tested 60 Fawn River muskies for Heterosporosis and all came back negative.

Harvest return at East Fork was 55% overall, ranging from 26% to 90% in the various ponds – also a good year.

One factor which affected production was bird predation. For the first time we had 20-25 egrets on site in 2006 and they fed in the muskie ponds. Snowfencing will be redesigned for next year to reduce this problem. We also had at least 6 cormorants in the muskie ponds for a 6-8 week period in 2006.

We tested 40 East Fork muskies for Heterosporosis and all were negative.

