



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT

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**Approved Species for Aquaculture Production in Michigan
As defined in Act 199, PA of 1996, Michigan Aquaculture Development,
(286.875 Approved species for aquaculture production; list.) as of January 29, 2015**

Approved freshwater species:

- (a) Lake sturgeon (*Acipenser fulvescens*)
- (b) Paddlefish (*Polyodon spathula*)
- (c) Arctic grayling (*Thymallus arcticus*)
- (d) Atlantic salmon (*Salmo salar*)
- (e) Brown trout (*Salmo trutta*)
- (f) Brook trout (*Salvelinus fontinalis*)
- (g) Splake (*Salvelinus namaycush* x *Salvelinus fontinalis*)
- (h) Lake trout (*Salvelinus namaycush*)
- (i) Chinook salmon (*Oncorhynchus tshawytscha*)
- (j) Coho salmon (*Oncorhynchus kisutch*)
- (k) Pink salmon (*Oncorhynchus gorbuscha*)
- (l) Rainbow trout (*Oncorhynchus mykiss*)
- (m) Lake whitefish (*Coregonus clupeaformis*)
- (n) Lake herring (*Coregonus artedii*)
- (o) Muskellunge (*Esox masquinongy*)
- (p) Northern pike (*Esox lucius*)
- (q) Tiger muskie (*Esox masquinongy* x *Esox lucius*)
- (r) Common carp (*Cyprinus carpio*)
- (s) Goldfish (*Carassius auratus*)
- (t) Creek chub (*Semotilus atromaculatus*)
- (u) Bowfin (*Amia calva*)
- (v) Redbelly dace (*Phoxinus eos*)
- (w) Finescale dace (*Phoxinus neogaeus*)
- (x) Common shiner (*Luxilus cornutus*)
- (y) Golden shiner (*Notemigonus crysoleucas*)
- (z) Emerald shiner (*Notropis atherinoides*)
- (aa) Bluntnose minnow (*Pimephales notatus*)
- (bb) Fathead minnow (*Pimephales promelas*)
- (cc) Black bullhead (*Ameiurus melas*)
- (dd) Yellow bullhead (*Ameiurus natalis*)
- (ee) Brown bullhead (*Ameiurus nebulosus*)
- (ff) Channel catfish (*Ictalurus punctatus*)
- (gg) Flathead catfish (*Pylodictis olivaris*)
- (hh) Burbot (*Lota lota*)
- (ii) Smallmouth bass (*Micropterus dolomieu*)
- (jj) Largemouth bass (*Micropterus salmoides*)
- (kk) White crappie (*Pomoxis annularis*)
- (ll) Black crappie (*Pomoxis nigromaculatus*)
- (mm) Hybrid crappie (*Pomoxis annularis* x *Pomoxis nigromaculatus*)

- (nn) Warmouth (*Lepomis gulosus*)
- (oo) Rock bass (*Ambloplites rupestris*)
- (pp) Green sunfish (*Lepomis cyanellus*)
- (qq) Bluegill (*Lepomis macrochirus*)
- (rr) Hybrid bluegill (*Lepomis cyanellus* x *Lepomis macrochirus*)
- (ss) Pumpkinseed (*Lepomis gibbosus*)
- (tt) Redear sunfish (*Lepomis microlophus*)
- (uu) Sauger (*Stizostedion canadense*)
- (vv) Walleye (*Stizostedion vitreum vitreum*)
- (ww) Saugeye (*Stizostedion canadense* x *Stizostedion vitreum vitreum*)
- (xx) Yellow perch (*Perca flavescens*)
- (yy) Bigmouth buffalofish (*Ictiobus cyprinellus*)
- (zz) Black buffalofish (*Ictiobus niger*)
- (aaa) White perch (*Morone americana*)
- (bbb) White bass (*Morone chrysops*)
- (ccc) Tilapia (Genera of *Tilapia* (except *T. rondellia*), *Oreochromis*, *Sarotherodon* and hybrids thereof)

Approved other aquatic organisms:

- (a) Prawn (*Macrobrachium rosenbergii*)
- (b) Crayfish (*Orconectes immunus*, *O. propinquus*, *O. virilis*, *Cambarus bartonii*, *C. robustus*)

Approved salt or brackish waters species:

- (a) Brine shrimp (*Artemia* sp.)
- (b) Shrimp (All species of the genus *Peneaus*)
- (c) Mahi-mahi (*Coryphaena hippurus*)
- (d) Haddock (*Melanogrammus aeglefinus*)
- (e) Cod (*Gadus* sp.)
- (f) Halibut (*Hippoglossus* sp.)
- (g) Snapper (*Lutjanidae*-*Lutjanus* sp. *Ocyurus* sp.)
- (h) Grouper (*Serranidae*-*Epinephelus* sp. *Mycteroperca* sp.)
- (i) Red drum (*Sciaenops ocellatus*)
- (j) Tuna (*Thunnus thynnus*)
- (k) Flounder (*Paralichthys* sp.)
- (l) Pompano (*Trachinotus* sp.)
- (m) Snook (*Centropomus* sp.)
- (n) Mackerel (*Scomberomorus* sp.)