

BARLEY STRAW CONCENTRATED EXTRACT

A LIQUID Extract Especially Helpful Where Bottom Drains Are Present!

An environmentally responsible, cost-efficient pond conditioner that is a clean & easy, natural & organic approach to a healthy pond environment

- Goes to work on contact
- Releases decomposition by-products immediately
- Not harmful to aquatic life, plants, humans and pets
- One bottle is equal to a multiple of barley straw bales
- Can be used all year round
- No messy residual

TIP & POUR CONTAINERS ALLOW FOR CONVENIENT MEASURING!

- Also Available:
- 64 oz. / 2L tip & pour #MLCBSE2L
 - 1 gal. / 3.785L jug #MLCBSEG4
 - 5 gal. / 18.927L tote #MLCBSE5G
 - 55 gal. / 209L drum #MLCBSE55G



When a pond's ecosystem is mature and balanced, the water is usually clear and healthy for aquatic life. This maturation process is a function of the microbiological and chemical properties of the water.

NATURAL CHEMICAL MATURATION MICROBE-LIFT/BARLEY STRAW LIQUID & DRY formulations help to mature the pond with natural chemicals just as a pure mountain stream matures through the years by the introduction of natural breakdown products from trees, plants, etc. These natural breakdown products often include humic and fulvic acid and organic acids that have a natural ability to sequester, or tie up, inorganic compounds, so their concentrations in the pond don't get to levels that would unbalance the ponds ecosystem. These substances can also lead to natural purification of the pond through a slow release of hydrogen peroxide as they react with sunlight. The hydrogen peroxide is produced at levels that help purify the water while not having any adverse effects on desirable aquatic life. The sequestering, in conjunction with microbiological cycling, provides a stable natural ecosystem in your pond.

BIOLOGICAL MATURATION The microbiological maturation process involves development of symbiotic populations of bacteria, which stabilize the critical organic and inorganic components of the pond. The microorganisms do this through their ability to promote "biogeochemical cycles"—including carbon, nitrogen and phosphorous cycles—elements critical to all forms of aquatic life. By stabilizing these components, the bacteria prevent pollution of the pond. It can take some time to accomplish this "biological maturation" in a man-made pond and may never occur as the maturation process is constantly interrupted by certain pond practices like cleaning out the pond. The process can be accelerated significantly through the use of MICROBE-LIFT/PL—a virtual "ecosystem in a bottle"—and mimics the complex interdependent populations in a mature pond.

BARLEY STRAW CONCENTRATED EXTRACT

PLUS PEAT LIQUID

All the Above Benefits PLUS Added Liquid Peat To Help Maintain An Ideal pH in Alkaline Ponds!

Rich in organic peat which softens pond water—reducing nitrate and phosphate concentrations in the water column—and provides a buffering agent and ion attenuation in lined ponds that additionally gives them some beneficial properties of earthen ponds!



- Also Available:
- 64 oz. / 2L tip & pour #BSEP64
 - 1 gal. / 3.785L jug #BSEPG4
 - 5 gal. / 18.927L tote #BSEP5G
 - 55 gal. / 209L drum #BSEP55G

APPLICATION RATES

SIZE OF POND (in gallons)	1st & 2nd WEEK once weekly (oz.)	3rd & 4th WEEK once weekly (oz.)	MAINTENANCE every 3 weeks (oz.)
up to 500	1	0.50	0.75
501-1,000	1.5	0.75	1.25
1,001-1,500	2	1	1.5
1,501-2,500	2.5	1.25	1.75
2,501-3,000	3	1.5	2.25
3,001-4,000	3.5	1.75	2.75
4,001-5,000	4	2	3
5,001-6,000	4.5	2.25	3.25
6,001-7,000	5	2.5	3.75
7,001-8,000	5.5	2.75	4.25
8,001-10,000	6	3	4.5

