

(Right panel PENNSALT Aquathol Plus label)  
GALLONAGE CHART

GALLONS OF AQUATHOL PLUS TO USE PER ACRE\*

Depth in Feet	1 ppm	2 ppm	3 ppm	4 ppm	5 ppm
1	1/2	1	1 1/2	2 1/8	2 3/4
2	1	2 1/8	3 1/4	4 1/4	5 1/2
4	2 1/8	4 1/4	6 1/2	8 1/2	10 3/4
6	3 1/4	6 1/2	9 3/4	12 3/4	16

\*one acre equals approximately 208' x 208'

Where the area to be treated is greater than those listed in the chart proceed as follows:

- Compute the approximate surface acreage.
- Compute the average depth.
- Multiply a. by b. to determine the total number of acre/feet.
- Multiply the gallonage required at the 1 foot depth under the rate to be used by the number of acre/feet to determine total quantity to be used.

### ADDITIONAL INFORMATION

In areas containing heavy dense vegetation, the area should be treated in sections so as to prevent the death of fish from suffocation due to the decaying vegetation using up a large portion of the oxygen present in the water.

For best results, especially on floating and/or emergent species spray on the surface, diluting not more than 1 to 3 with water. Apply when water temperatures are 65 F. or above for more satisfactory control.

Normally the treated areas will remain free of weeds for the entire season; however, under some conditions, regrowth may occur and an additional application may be necessary. If retreatment is made, apply no later than six (6) weeks prior to freezing weather.

For best results treat areas of one acre or more and/or margins of at least 100 feet in large bodies of water.

### CAUTION

Apply only in accordance with State and local regulations. Obtain permits where necessary.

To avoid the possibility of injury to crops and contamination of water and food for man and animals, do not apply to waters used for irrigation, agricultural sprays, domestic water supply, or for watering dairy animals or animals being finished for slaughter.

Do not use fish from treated water for food or feed within three days of treatment. Do not store near fertilizer, seeds, insecticides, or fungicides. Avoid spray drift to susceptible plants; coarse sprays are less likely to drift. Thoroughly clean spray equipment before using for any other purpose.

NOTE: Areas treated with AQUATHOL PLUS may be used for swimming 24 hours after treatment.

Treated water may be used for watering turf.

### WARNING

Burns eyes. May be absorbed through skin. May be fatal if swallowed. Irritating to skin, nose, eyes and throat.

Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. In case of contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention; for skin, flush with plenty of water. If swallowed, give cold milk or cold water. Call a doctor immediately. Bathe and change clothing at least daily while using.

### NOTICE

Neither Pennsalt Chemicals Corporation, nor the seller, makes any representation or warranty, express or implied, concerning this material, except that it conforms to the chemical description on the label. Neither shall be held responsible in any manner for any personal injury or property damage or other type of loss resulting from the handling, storage, or use of this material. The buyer accepts and uses this material on these conditions.

ACCEPTED

9-13-65

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. \_\_\_\_\_ SUB.  
TO ATTACHED COMMENTS.

4591-183

## GENERAL INFORMATION

AQUATHOL PLUS GRANULAR is an especially formulated product useful in the control of a broad range of submerged and emergent aquatic plants. This product offers a wide margin of safety to fish when used in accordance with label recommendations. Only 1 to 6 ppm is normally required to control most weeds. Use only after weeds are present.

## HOW TO USE

AQUATHOL PLUS GRANULAR is recommended for the control of the following weeds in recreational lake and ponds. Since the active ingredients are water soluble and subject to diffusion, marginal treatments of large bodies of water should be made using 4 to 6 ppm. Apply AQUATHOL PLUS GRANULAR at recommended rates by evenly spreading granules over the area to be treated. A cyclone seeder is useful for this purpose. For best results apply on a calm day when there is little wave action.

Dosage rates indicated for the application of AQUATHOL PLUS GRANULAR are measured in "Parts Per Million" (ppm). 1 ppm as a dosage rate means that there would be 1 part of AQUATHOL PLUS GRANULAR'S active ingredient in 1,000,000 parts of water.

### WEEDS CONTROLLED DOSAGE CHART

COMMON NAME	LATIN NAME	Entire Pond or Large Area Treatment
<b>SUBMERGED</b>		
Bass Weed	<i>Ceratophyllum demersum</i>	2 ppm
Bladderwort	<i>Utricularia</i> spp.	2-3 ppm
Coontail	<i>Ceratophyllum</i> spp.	1-2 ppm
Fanwort	<i>Cabomba</i> spp.	2-3 ppm
Lotus	<i>Nelumbo</i> spp.	2-3 ppm
Milfoil	<i>Myriophyllum</i> spp.	2-3 ppm
Pondweed		
Bushy	<i>Najas</i> spp.	2-3 ppm
Curly Leaf	<i>Potamogeton crispus</i>	1-5 ppm
Fly Stem	<i>Potamogeton zosterifolius</i>	1-3 ppm
Floating Leaf	<i>Potamogeton natans</i>	1-2 ppm
Horned	<i>Zosterisiphonia</i> spp.	1-2 ppm
Sago	<i>Potamogeton pectinatus</i>	1-2 ppm
	<i>Potamogeton nodosus</i>	2-3 ppm
	<i>Potamogeton amplifolius</i>	1-2 ppm
	<i>Potamogeton amplifolius</i>	2-3 ppm
	<i>Potamogeton amplifolius</i>	1-2 ppm
	<i>Potamogeton amplifolius</i>	2-3 ppm
Water Grass	<i>Fragilaria</i> spp.	2-3 ppm
Water Star Grass	<i>Heteranthera</i> spp.	2-3 ppm
Waterweed	<i>Elodea</i> spp.	2 ppm
<b>EMERGENT AND FREE-FLOATING</b>		
Arrowweed	<i>Sagittaria</i> spp.	2-3 ppm
Bur Reed	<i>Sparganium</i> spp.	1-4 ppm
Spike Rush	<i>Eleocharis</i> spp.	2-3 ppm
Water Hyacinth	<i>Hydrocotyle</i> spp.	2-4 ppm
Water Lily	<i>Nymphaea</i> spp.	1-2 ppm
Water Primrose	<i>Jussiaea</i> spp.	2-3 ppm

FOR CONTROL OF WEEDS ALONG LAKE MARGINS OR AREA TREATMENTS IN LARGE BODIES OF WATER USE 4-6 PPM

In Northern areas Pithophora, Charophora and Sparganium may be controlled at 2-5 ppm; however, due to the short residual action, re-growth may occur under favorable conditions.

## HOW TO DETERMINE QUANTITY TO BE APPLIED

The following charts indicate the total quantity of material to be applied to certain size areas.

Net Contents 50 Lbs.

# AQUATHOL PLUS GRANULAR

## For Aquatic Weed Control

### ACTIVE INGREDIENTS:

Dipotassium Salt of Endothal\* 5.1%

Potassium Salt of Silvex\*\* 5.6%

INERT INGREDIENTS 89.3%

TOTAL 100.0%

\*3,6-endoxhexahydrophthalic acid—equivalent 3.6

\*\*[2-(2,4,5-trichlorophenoxy) propionic acid] equivalent 5.0

Licensed for use under one or more of the following patents:

2,390,941; 2,396,513; 2,472,347; 2,550,494; 2,576,080;  
2,576,081; 2,576,083; other patents pending

KEEP OUT OF REACH OF CHILDREN

## WARNING

See Specific Warning and Caution Statements on Side Panel

USDA Registration No. 4581-200

**PENNSALT**

A Division of

AGRICULTURAL CHEMICALS DIVISION

**Pennsalt Chemicals Corporation**

LANCASTER, PENNSYLVANIA 17601

PHILADELPHIA, PA. 19104

NEW YORK, N.Y. 10017

Approximate lbs. AQUATHOL PLUS GR  
FOR ONE ACRE TREATMENT\*

	1.0 ppm	2.0 ppm	3.0 ppm	4.0 ppm
1 ft deep	26	51	77	103
2 ft deep	51	103	154	206
4 ft deep	103	206	308	411
6 ft deep	154	308	463	617

\*One acre equals 43,560 sq. ft.

FOR 1,000 SQ. FT. TREATMENT

	1.0 ppm	2.0 ppm	3.0 ppm	4.0 ppm
1 ft deep	6	12	18	24
2 ft deep	12	24	35	47
4 ft deep	24	47	71	94
6 ft deep	35	71	106	142

Where the area to be treated is greater than those listed as follows:

- Compute the approximate surface acreage.
- Compute the average depth.
- Multiply a. by b. to determine the total number of cubic feet.
- Multiply the pounds required at the 1 foot depth used by the number of acre/feet to determine total pounds required.

## ADDITIONAL INFORMATION

In areas containing heavy dense vegetation, the area is so small that the death of fish from suffocation is prevented by applying a large portion of the oxygen present. Apply when the water temperature is 65 F or above. Normally the treated areas will remain free from weeds, however, under some conditions regrowth may occur. Retreatment may be necessary. If re-treatment is made, apply 4 weeks prior to freezing weather.

For best results treat areas of one acre or more and 100 feet in large bodies of water.

## CAUTION

Apply only in accordance with State and local regulations. Observe the possibility of injury to crops and contamination of animals. Do not apply to water used for irrigation, agricultural or domestic purposes. Do not use in areas where fish are being raised for slaughter. Do not use water from treated areas for watering turf.

Do not use fish from treated water for food or feed with three days prior to use. Do not use water from treated areas for drinking. Do not use water from treated areas for irrigation. Do not use water from treated areas for watering turf. Do not use water from treated areas for watering livestock. Do not use water from treated areas for watering poultry. Do not use water from treated areas for watering horses. Do not use water from treated areas for watering dogs. Do not use water from treated areas for watering cats. Do not use water from treated areas for watering birds. Do not use water from treated areas for watering reptiles. Do not use water from treated areas for watering amphibians. Do not use water from treated areas for watering insects. Do not use water from treated areas for watering plants. Do not use water from treated areas for watering trees. Do not use water from treated areas for watering shrubs. Do not use water from treated areas for watering flowers. Do not use water from treated areas for watering lawns. Do not use water from treated areas for watering gardens. Do not use water from treated areas for watering parks. Do not use water from treated areas for watering sports fields. Do not use water from treated areas for watering playgrounds. Do not use water from treated areas for watering swimming pools. Do not use water from treated areas for watering hot tubs. Do not use water from treated areas for watering spas. Do not use water from treated areas for watering fountains. Do not use water from treated areas for watering ponds. Do not use water from treated areas for watering lakes. Do not use water from treated areas for watering rivers. Do not use water from treated areas for watering streams. Do not use water from treated areas for watering canals. Do not use water from treated areas for watering ditches. Do not use water from treated areas for watering drains. Do not use water from treated areas for watering sewers. Do not use water from treated areas for watering storm drains. Do not use water from treated areas for watering gutters. Do not use water from treated areas for watering downspouts. Do not use water from treated areas for watering roof drains. Do not use water from treated areas for watering sump pumps. Do not use water from treated areas for watering sump pits. Do not use water from treated areas for watering sump basins. Do not use water from treated areas for watering sump tanks. Do not use water from treated areas for watering sump chambers. Do not use water from treated areas for watering sump enclosures. Do not use water from treated areas for watering sump foundations. Do not use water from treated areas for watering sump walls. Do not use water from treated areas for watering sump floors. Do not use water from treated areas for watering sump ceilings. Do not use water from treated areas for watering sump roofs. Do not use water from treated areas for watering sump walls. Do not use water from treated areas for watering sump floors. Do not use water from treated areas for watering sump ceilings. Do not use water from treated areas for watering sump roofs.

## WARNING

For use only in accordance with State and local regulations. Observe the possibility of injury to crops and contamination of animals. Do not apply to water used for irrigation, agricultural or domestic purposes. Do not use in areas where fish are being raised for slaughter. Do not use water from treated areas for watering turf. Do not use fish from treated water for food or feed with three days prior to use. Do not use water from treated areas for drinking. Do not use water from treated areas for irrigation. Do not use water from treated areas for watering livestock. Do not use water from treated areas for watering poultry. Do not use water from treated areas for watering horses. Do not use water from treated areas for watering dogs. Do not use water from treated areas for watering cats. Do not use water from treated areas for watering birds. Do not use water from treated areas for watering reptiles. Do not use water from treated areas for watering amphibians. Do not use water from treated areas for watering insects. Do not use water from treated areas for watering plants. Do not use water from treated areas for watering trees. Do not use water from treated areas for watering shrubs. Do not use water from treated areas for watering flowers. Do not use water from treated areas for watering lawns. Do not use water from treated areas for watering gardens. Do not use water from treated areas for watering parks. Do not use water from treated areas for watering sports fields. Do not use water from treated areas for watering playgrounds. Do not use water from treated areas for watering swimming pools. Do not use water from treated areas for watering hot tubs. Do not use water from treated areas for watering spas. Do not use water from treated areas for watering fountains. Do not use water from treated areas for watering ponds. Do not use water from treated areas for watering lakes. Do not use water from treated areas for watering rivers. Do not use water from treated areas for watering streams. Do not use water from treated areas for watering canals. Do not use water from treated areas for watering ditches. Do not use water from treated areas for watering drains. Do not use water from treated areas for watering sewers. Do not use water from treated areas for watering storm drains. Do not use water from treated areas for watering gutters. Do not use water from treated areas for watering downspouts. Do not use water from treated areas for watering roof drains. Do not use water from treated areas for watering sump pumps. Do not use water from treated areas for watering sump pits. Do not use water from treated areas for watering sump basins. Do not use water from treated areas for watering sump tanks. Do not use water from treated areas for watering sump chambers. Do not use water from treated areas for watering sump enclosures. Do not use water from treated areas for watering sump foundations. Do not use water from treated areas for watering sump walls. Do not use water from treated areas for watering sump floors. Do not use water from treated areas for watering sump ceilings. Do not use water from treated areas for watering sump roofs.

## NOTICE

For use only in accordance with State and local regulations. Observe the possibility of injury to crops and contamination of animals. Do not apply to water used for irrigation, agricultural or domestic purposes. Do not use in areas where fish are being raised for slaughter. Do not use water from treated areas for watering turf. Do not use fish from treated water for food or feed with three days prior to use. Do not use water from treated areas for drinking. Do not use water from treated areas for irrigation. Do not use water from treated areas for watering livestock. Do not use water from treated areas for watering poultry. Do not use water from treated areas for watering horses. Do not use water from treated areas for watering dogs. Do not use water from treated areas for watering cats. Do not use water from treated areas for watering birds. Do not use water from treated areas for watering reptiles. Do not use water from treated areas for watering amphibians. Do not use water from treated areas for watering insects. Do not use water from treated areas for watering plants. Do not use water from treated areas for watering trees. Do not use water from treated areas for watering shrubs. Do not use water from treated areas for watering flowers. Do not use water from treated areas for watering lawns. Do not use water from treated areas for watering gardens. Do not use water from treated areas for watering parks. Do not use water from treated areas for watering sports fields. Do not use water from treated areas for watering playgrounds. Do not use water from treated areas for watering swimming pools. Do not use water from treated areas for watering hot tubs. Do not use water from treated areas for watering spas. Do not use water from treated areas for watering fountains. Do not use water from treated areas for watering ponds. Do not use water from treated areas for watering lakes. Do not use water from treated areas for watering rivers. Do not use water from treated areas for watering streams. Do not use water from treated areas for watering canals. Do not use water from treated areas for watering ditches. Do not use water from treated areas for watering drains. Do not use water from treated areas for watering sewers. Do not use water from treated areas for watering storm drains. Do not use water from treated areas for watering gutters. Do not use water from treated areas for watering downspouts. Do not use water from treated areas for watering roof drains. Do not use water from treated areas for watering sump pumps. Do not use water from treated areas for watering sump pits. Do not use water from treated areas for watering sump basins. Do not use water from treated areas for watering sump tanks. Do not use water from treated areas for watering sump chambers. Do not use water from treated areas for watering sump enclosures. Do not use water from treated areas for watering sump foundations. Do not use water from treated areas for watering sump walls. Do not use water from treated areas for watering sump floors. Do not use water from treated areas for watering sump ceilings. Do not use water from treated areas for watering sump roofs.