AGRISEL USA, INCORPORATED
Growing a better world!

Diquat

Water Weed and Landscape Herbicide

TO PREVENT ACCIDENTAL POISONING, NEVER PUT INTO FOOD, DRINK, OR OTHER CONTAINERS, AND USE STRICTLY IN ACCORDANCE WITH ENTIRE LABEL. DO NOT USE THIS PRODUCT FOR REFORMULATION.

Active Ingredient:	**% BY WT.**
Diquat dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinediium dibromide]	37.3%
Other Ingredients:	62.7%
Total:	100.0%

Contains 2 lbs. diquat cation per gal. (3.73 lbs. diquat dibromide per gal.)

KEEP OUT OF REACH OF CHILDREN

WARNING

Si usted no entiende la etiqueta, busque a alguien pare que se la explique a usted en details. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

If on skin	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice
If swallowed	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN

To be effective, treatment for diquat poisoning must begin IMMEDIATELY. Treatment consists of binding diquat in the gut with suspensions of activated charcoal or bentonite clay, administration of cathartics to enhance elimination, and removal from the blood by charcoal hemoperfusion or continuous hemodialysis.

HOT LINE NUMBER

For medical emergencies involving this product, call CHEMTREC 1-800-424-9300.
For chemical emergency: Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See label booklet for additional Precautionary Statements and Directions for Use.

Net Contents: 1 Gal.

EPA Reg. No. 74530-61-72159
EPA Est. No. 70815-GA-002
Distributed by: Agrisel USA, Inc., P.O. Box 3528, Suwanee, GA 30024
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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

Harmful if swallowed or inhaled. Causes skin irritation. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get on skin or on clothing. Avoid breathing (dust, vapor, or spray mist). Avoid contact with eyes. Wear coveralls over short-sleeved shirt and short pants, socks, chemical-resistant footwear and chemical gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instruction for Category A on an EPA chemical-resistance category selection chart.

Mixers, Loaders, Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants.
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- Face shield when mixing or loading

Exception:

After this product has been diluted to 0.50% DIQUAT WATER WEED & LANDSCAPE HERBICIDE or less in water (i.e., the labeled rate for some spot applications), applicators for AQUATIC SURFACE APPLICATIONS must, at a minimum, wear (Note - Mixers and Loaders for this application method must still wear the personal protective equipment (PPE) as described in the above section):

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eyewear

Exception:

At a minimum, applicators for AQUATIC SUBSURFACE APPLICATIONS must wear (Note - Mixers and Loaders for this application method must still wear the personal protective equipment (PPE) as described in the above section):

- Short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements:
Mixers and loaders supporting aerial applications are required to us closed systems. The closed system must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4)). When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. Mixers, loaders, and applicators using closed systems who meet these requirements may wear: long-sleeved shirt and long pants; protective eyewear; waterproof gloves; shoes plus socks; and a chemical resistant apron when mixing, loading, or cleaning equipment. If handling tasks are performed from inside an enclosed cab or aircraft with enclosed cockpits that meet these requirements may wear long-sleeved shirt, long pants, shoes, and socks for the labeling- specified PPE. All labeling-specified PPE must be immediately available for use in an emergency. All applicable requirements as specified in 40 CFR 170.240(d)(4-6) must be followed.

User Safety Recommendations
Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS (Terrestrial and Aquatic Uses)
This pesticide is toxic to aquatic invertebrates. For Terrestrial Uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. For Aquatic Uses, do not apply directly to water except as specified on this label. Treatment of dense weed areas may result in oxygen loss from decomposition of dead weeds. This loss of oxygen may cause fish suffocation. Therefore, treat only 1/3 to 1/2 of the water body area at one time, especially if dense areas of weeds and/or algae exist and wait 14 days between treatments.

Necessary approval and/or Permits should be obtained prior to application if required. Consult the responsible State Agencies (i.e., Fish and Game Agencies or Department of Natural Resources) before making applications to public waters.

PHYSICAL AND CHEMICAL HAZARDS

This product is mildly corrosive to aluminum and produces hydrogen gas which may form a highly combustible gas mixture. Do not mix or store in containers, spray tanks, nurse tanks, or such systems made of aluminum or having aluminum fittings. This product is compatible with high density polyethylene and rubber lines steel containers.

Do not mix or allow coming in contact with oxidizing agent. Chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170, This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-Resistant footwear plus socks
- Chemical-Resistant headgear for overhead exposure
- Protective eyewear
- Chemical Resistant Gloves made of any waterproof material

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep all unprotected persons out of operating areas or vicinity where there may be drift.

Do not allow people or pets to touch treated plants until the sprays have dried.

For terrestrial uses, do not allow entry of maintenance workers into treated areas, or allow contact with treated vegetation wet with spray, dew, or rain, without appropriate protective clothing until spray has dried.

For aquatic uses, do not enter treated areas while treatments are in progress.

PRODUCT INFORMATION

DIQUAT WATER WEED & LANDSCAPE HERBICIDE is a non-volatile herbicide for use as a pre-harvest aid to desiccate certain crops in order to facilitate harvesting. DIQUAT WATER WEED & LANDSCAPE HERBICIDE is also recommended for use as a general herbicide to control weeds in non-bearing crops and in various non-crop areas including: commercial greenhouses and nurseries; ornamental seed crops (flowers, bulbs, etc. – except in the state of California); landscape, industrial, recreational, commercial, residential, and public areas; turf renovation (all turf areas except commercial sod farms); dormant established turfgrass (bermudagrass, zoysiagrass – nonfood or feed crop); and aquatic areas.

DIQUAT WATER WEED & LANDSCAPE HERBICIDE is recommended for general weed control in commercial greenhouses (beneath benches), field grown and container stock, and other similar areas. DIQUAT WATER WEED & LANDSCAPE HERBICIDE may be applied preplant or post-plant preemergence in field grown ornamental nursery plantings or postemergence as a directed spray. DIQUAT WATER WEED & LANDSCAPE HERBICIDE may also be applied preemergence in ornamental seed crops (except in the state of California). Avoid contact with desirable foliage as injury may occur.

DIQUAT WATER WEED & LANDSCAPE Herbicide is a contact-type herbicide and requires actively growing green plant tissue to function. Thorough coverage of all green plant tissue is essential for effective control. DIQUAT WATER WEED & LANDSCAPE HERBICIDE is rapidly absorbed by green plant tissue and interacts with the photosynthetic process to produce compounds which destroy plant cells. Herbicidal activity is usually quite rapid with effects visible in a few days. Weed plants should be succulent and actively growing for best results. Avoid spray drift to crops, ornamentals, and other desirable plants during application, as injury may result.

AGRICULTURAL USE DIRECTIONS

APPLICATION

Since DIQUAT WATER WEED & LANDSCAPE HERBICIDE is a contact-type herbicide, it is essential to obtain complete coverage of the target weed or crop to achieve effective results. Improper application technique and/or application to large, stressed, or mowed weeds will generally result in unacceptable control. Complete coverage is also essential for effective performance in harvest aid applications. See details below for additional information.

Nozzle Selection
The use of flat fan nozzles will result in the most effective application of DIQUAT WATER WEED & LANDSCAPE HERBICIDE . The use of nozzles other than flat fans may result in reduced performance due to inadequate coverage.

Spray Volume
Follow specified minimum spray volumes listed for each use of DIQUAT WATER WEED & LANDSCAPE HERBICIDE . These are minimum volumes only, and spray volumes should be increased as necessary to obtain complete coverage of the target weed or plant without runoff from the foliage. When spraying less than 20 gals. of spray carrier per acre, target weeds should not exceed 6 inches in height.

SPRAY ADJUVANTS

Always Add One of the Following:

Nonionic Surfactant (NIS)
Add a NIS containing 75% or greater surface active agent at 0.06 to 0.5% v/v (1/2 to 4 pts. per 100 gals.) of the finished spray volume.

Other Adjuvants
Adjuvants other than NIS may be used providing the product meets the following criteria:
1. Contains only EPA exempt ingredients.
2. Is compatible in mixture. Compatibility may be established through a jar test.
3. Is supported locally for use with DIQUAT WATER WEED & LANDSCAPE HERBICIDE through proven field trials and through university and extension recommendations.

RATES

Follow specified rates listed with each use of DIQUAT WATER WEED & LANDSCAPE HERBICIDE . Use the higher label rates when weeds are large or dense. Also, use higher labeled rates for harvest aid when crop vegetation is dense.

APPLICATION TIMING

DIQUAT WATER WEED & LANDSCAPE HERBICIDE should be applied to emerged weeds when they are small. Weeds 1 inch to 6 inches in height are the easiest to control. When weeds have been grazed or mowed, thus removing much of the green foliage, allow the weeds to regrow to a height of 2 to 4 inches before spraying. For proper application timing of harvest aid applications, refer to each crop for recommendations.

Weeds emerging after application of DIQUAT WATER WEED & LANDSCAPE HERBICIDE will not be controlled or suppressed.

RAINFASTNESS

Because DIQUAT WATER WEED & LANDSCAPE HERBICIDE is rapidly absorbed by green plant tissue, rain occurring 30 minutes after application will have no effect on activity of DIQUAT WATER WEED & LANDSCAPE HERBICIDE.

ENVIRONMENTAL CONDITIONS

DIQUAT WATER WEED & LANDSCAPE HERBICIDE is active over a wide range of environmental conditions. Cool weather (below 55°F) will slow the activity of DIQUAT WATER WEED & LANDSCAPE HERBICIDE, as will cloudy, overcast weather, but will not affect performance.
In dry areas, dust stirred up by high winds or equipment tires can coat target surface and reduce DIQUAT WATER WEED & LANDSCAPE HERBICIDE activity. Avoid applying DIQUAT WATER WEED & LANDSCAPE HERBICIDE in extremely dusty conditions.

SPRAY DRIFT MANAGEMENT

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

WHERE STATES HAVE MORE STRINGENT REGULATIONS, THEY SHOULD BE OBSERVED.

Agricultural Aerial Applications

1. Follow label directions to reduce the potential for drift incidents.
2. Do not make aerial applications within or above a surface temperature inversion to avoid unreasonable adverse effects. Applicators may determine presence of an inversion by noting the presence of ground fog, light variable wind, or layering of smoke and dust.
3. Applicators must estimate the prevailing wind speed and direction in the vicinity of the application site prior to and during the application. Measuring wind speed and the anemometer, observing wind speed and direction using an aircraft smoke release system or wind sock or wind vane, or obtaining a report from a representative meteorological station are acceptable methods of estimating wind speed and direction.

4. Apply when prevailing wind speed is 3 to 10 miles/hour.
5. When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft up wind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).
6. When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.
7. Many factors, including droplet size and equipment type, determine drift potential at any given speed. Drift reduction technology or other mitigation methods should be employed to reduce drift potential.
8. The boom length must not exceed 75% of the fixed wing span and must be located at least 8 to10 inches below the trailing edge of the fixed wing; the boom length must not exceed 75% of the rotary blade.
9. Release spray at the optimum height from the aircraft for minimizing drift and maximizing deposition in the crop canopy. This height should be no more than 10 feet above the crop canopy unless necessary to ensure flight safety.
10. The boom must be shut off before the aircraft begins to climb at the edge of a field.
11. Apply with nozzles that deliver a coarse spray quality to provide sufficient coverage and control. Course spray quality nozzles reduce drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions. Orient nozzles so that the spray is released parallel to the airstream and produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential. Nozzles must be oriented backward and parallel to the airstreams and never pointed downward more than 45 degrees. Use the minimum number of nozzles that provide uniform coverage. Use higher flow rate nozzles to apply the highest practical spray volume and do not exceed nozzle manufacturers' recommended pressures.
12. The pesticide should only be applied when the wind is blowing away from adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, and non-target crops).

Ground Applications

1. Follow label directions to reduce the potential for drift incidents.
2. Do not make ground applications within a surface temperature inversion when applying near an area requiring protection to avoid unreasonable adverse effects. Applicators may determine presence of an inversion by noting the presence of ground fog, light variable wind, or layering of smoke and dust.
3. Applicators must estimate the prevailing wind speed and direction in the vicinity of the application site prior to and during the application. Measuring wind speed and the anemometer, observing wind speed and direction using an aircraft smoke release system or wind sock or wind vane, or obtaining a report from a representative meteorological station are acceptable methods of estimating wind speed and direction.
4. Apply at the nozzle height that produces uniform coverage of the target
5. Apply when prevailing wind speed is 3 to 10 miles/hour.
6. When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges

of the field, the applicator must compensate for this displacement by adjusting the path of the sprayer up wind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).

7. When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.
8. Many factors, including droplet size and equipment type, determine drift potential at any given speed. Drift reduction technology or other mitigation methods should be employed to reduce drift potential.
9. Use nozzles which deliver a coarser spray quality (droplet size spectrum) at application according to nozzle manufacturer, ASABE, or USDA classification.
10. The pesticide should only be applied when the wind is blowing away from adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, and non-target crops.)

SPECIFIC USE INSTRUCTIONS

The following tables contain information on use patterns, rates, minimum spray volumes, pre-harvest intervals (PHI), and other precautions, restrictions and comments specific to each crop. Read and follow directions carefully.

Crop	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate per Acre	Minimum Total Spray Volume per Acre	PHI (Days)	Precautions, Restrictions, and Comments
Alfalfa (seed crop only)	Pre-harvest desiccation broadcast	1.5 - 2 pts. (see precautions section for additional rate information)	Ground: 15 gals. Air: 5 gals.	3	• On thin stands of seed alfalfa use 1 pt. per acre. • Desiccation is complete in 3-10 days. • Do not graze or feed treated forage to livestock. • Do not use seed from treated plants for food, feed, or oil purposes.
Canola	Pre-harvest desiccation broadcast	1.5 - 2 pts.	Ground: 15 gals. Air: 5 gals.	7	• A maximum of one application per season is allowed. • Harvest no later than 10 days after application.

Crop	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate per Acre	Minimum Total Spray Volume per Acre	PHI (Days)	Precautions, Restrictions, and Comments
Carrots, Coriander, Radish & Turnips Grown for Seed (ID & WA Only)	Pre-harvest desiccation broadcast	1.5 - 2 pts.	Ground: 15 to 30 gals. Air: 5 gals.		• Apply 3 to 10 days before harvest prior to swathing when the majority of seed is harvest- ripe. • Make only one application per crop. Do not apply more than 2 pts. (0.5 lb ai/ acre) per year. • No portion of seed carrot, coriander, radish, or turnip including but not limited to seed screenings, green chop, hay, chaff, combine tailings, pellets, meal, whole seed and cracked seed, may be grazed, used, or distributed for food or feed purposes. • Apply only to crops grown for seed production for preharvest desiccation. Do not use on Daikon variety of radishes.
Spinach & Table Beets Grown for Seed Only (WA Only)	Pre-harvest desiccation broadcast	1.5 - 2 pts.	Ground: 15 to 30 gals. Air: 5 gals.		• Apply 3 to 10 days before harvest prior to swathing when the majority of seed is harvest-ripe. • Make only one application per crop. Do not apply more than 2 pts. (0.5 lb ai/acre) per year. • No portion of spinach or table beets including but not limited to seed screenings, green chop, hay, chaff, combine tailings, pellets, meal, whole seed and cracked seed, may be grazed, used, or distributed for food or feed purposes. • Apply only to crops grown for seed production for preharvest desiccation.

Crop	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate per Acre	Minimum Total Spray Volume per Acre	PHI (Days)	Precautions, Restrictions, and Comments
Sugar Beets Grown for Seed Only (OR Only)	Pre-harvest desiccation broadcast	1.5- 2 pts.	Ground: 15 to 30 gals. Air: 5 gals.		• Apply 3 to 10 days before harvest prior to swathing when the majority of seed is harvest-ripe. • Make only one application per crop. Do not apply more than 2 pts. (0.5 lb ai/ acre) per year. • No portion of sugar beets including but not limited to seed screenings, green chop, hay, chaff, combine tailings, pellets, meal, whole seed and cracked seed, may be grazed, used, or distributed for food or feed purposes. • Apply only to crops grown for seed production for preharvest desiccation.
Clover (seed crop only)	Pre-harvest desiccation broadcast	1.5 - 2 pts.	Ground: 15 gals. Air: 5 gals.	3	• Desiccation is complete in 3- 10 days. • Do not graze or feed treated forage to livestock. • Do not use seed from treated plants for food, feed, or oil purposes.
Potato	Pre-harvest desiccation broadcast	1-2 pts.	Ground: 20 gals. Air: 5 gals.	7	• Do not apply to drought stressed potatoes. • Make a second application if necessary to obtain additional desiccation where vine growth is dense. For improved vine coverage, a 5 day interval is recommended between applications. • Do not exceed a total of 4 pts. per acre.

Crop	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate per Acre	Minimum Total Spray Volume per Acre	PHI (Days)	Precautions, Restrictions, and Comments
Potato (ID, NV & WA Only)	Pre-harvest desiccation broadcast Tank mixed with Late Blight Fungicides	1-2 pts. + Recommended Rate of one of the following fungicides: Champ® Formula 2 Flowable, Dithane® DF, Kocide® 101, Tenn-Cop 5E, Bravo Weather-Stik®	Ground: 20 gals.	7	• Do not apply to drought stressed potatoes. • Make a second application if necessary to obtain additional desiccation where vine growth is dense. For improved vine coverage, a 5 day interval is recommended between applications. • Do not exceed a total of 4 pts. per acre.
Tomato. Eggplant & Green Peppers (FL Only)	Weed Control in Row Middles	2 pts.	Ground: 20 to 50 gals.	30	• Apply when weeds are 2 to 4 inches in height. Weed control will decrease when treatment is made to weeds beyond the 4 inch stage of growth. • Do not exceed 25 PSI spray pressure. • Do not apply more than 2 applications (4 pts. per acre) during the growing season. • DIQUAT WATER WEED & LANDSCAPE HERBICIDE can be tank mixed with Helmquat for this use for the crops listed on the Helmquat label. • Do not allow spray to contact crop foliage or treat under conditions which will cause spray drift, as phytotoxicity to crop plants will result. Do not apply when wind speed exceeds 5 mph. • Add 1 to 2 pts. of 75% nonionic spreader per 100 gals. of spray mix.

Crop	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate per Acre	Minimum Total Spray Volume per Acre	PHI (Days)	Precautions, Restrictions, and Comments
Tomato – After Final Harvest (FL & SC Only)	Vine Burn-down After Final Harvest	1.5 - 2 pts.	Ground: 60 to 120 gals.		• Through coverage of tomato vines is required to insure maximum burndown. • Add 1 to 2 pts. of 75% nonionic spreader per 100 gals. of spray mix. • Do not use dirty or muddy water for product dilution as DIQUAT WATER WEED & LANDSCAPE HERBICIDE will be inactivated. • To help facilitate removal of sweet potato whitefly, burn tomato vines with propane burners as soon as possible after the vines have dried down sufficiently.
Various Vegetable – After Final Havest (FL Only)	Burndown After Final Harvest	Cantaloupe – 1.0 pt. Cucumbers – 1.5 pts. Pepper – 2.0 pts. Squash (except Acorn) – 1.5 pts Acorn Squash – 2.0 pts Watermelon – 1.5 pts	Ground: 35 gals.		• Thorough coverage is required to insure maximum burndown. • Add 8 -16 fl. oz. of a 75% nonionic spreader per 100 gals. of spray mix. • Do not use dirty or muddy water for product dilution as DIQUAT WATER WEED & LANDSCAPE HERBICIDE will be inactivated.

Crop	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate per Acre	Minimum Total Spray Volume per Acre	PHI (Days)	Precautions, Restrictions, and Comments
Tree, Vine, Small Fruit, Vegetable Crops – Non-bearing Acerola (West Indian Cherry) Almonds Apple Apricots Artichokes Asparagus Avocados Bananas Blackberry Blueberry Boysenberry Cherries Coffee Conifers Crabapple Cranberry Dates Dewberry Elderberry Figs Filberts Ginseng Gooseberry Grapes Grapefruit	Directed spray	1.5 - 2 pts.	Ground: 15 gals.	Do not use for food or feed for one year after application	DIQUAT WATER WEED & LANDSCAPE HERBICIDE can be used during site preparation prior to planting and up to 1 year of harvest. • Retreatment may be necessary for complete control of grasses and other established weeds. • Do not allow spray to contact green stems, foliage, or fruit as injury can occur. • Use a shield or wrap plant when spraying around young trees or vines. • Do not graze treated areas.

Crop	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate per Acre	Minimum Total Spray Volume per Acre	PHI (Days)	Precautions, Restrictions, and Comments
Tree, Vine, Small Fruit, Vegetable Crops – Nonbearing cont'd Guava Huckleberry Jojoba Kiwi Lemons Limes Loganberry Macadamia Mango Nectarines Olives Oranges Papayas Passion Fruit Peaches Pears Pecans Persimmons Pistachios Plantains Plums Pomegranates Prunes Raspberry Tangelos Tangerines Walnuts	Directed spray	1.5 - 2 pts.	Ground: 15 gals.	Do not use for food or feed for one year after application	DIQUAT WATER WEED & LANDSCAPE HERBICIDE can be used during site preparation prior to planting and up to 1 year of harvest. • Retreatment may be necessary for complete control of grasses and other established weeds. • Do not allow spray to contact green stems, foliage, or fruit as injury can occur. • Use a shield or wrap plant when spraying around young trees or vines. • Do not graze treated areas.

Other Uses	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate	Minimum Total Spray Volume per Acre	Recommendations, Precautions, and Restrictions
Non-Crop or Non-planted Areas on Farms Including: Fence Lines, Farmyards, Farm Buildings, Fuel Storage Areas, Barrier Strips, Equipment Areas, and Dry (non-flooded) Areas around ponds, lakes, and drainage ditches on farm, Rights-of-ways including: **Railroads, Highways, Roads, Dividers and Medians, Pipelines, Public Utility Lines, Pumping Stations, Transformer Stations and Substations; Around Electric Utilities, Commercial Buildings, Manufacturing Plants, Storage Yards, Rail Yards, Fence Lines and Parkways**	Broadcast	1-2 pts per acre	15 gals	• Apply for full coverage and thorough weed contact. • Retreatment may be necessary for complete control of grasses and other established weeds. • Avoid spray contact with foliage of food crops or ornamental plants or other desirable vegetation. • Add the labeled rate of 75% or greater nonionic surfactant to the finished spray volume.
	Spot Treatment	1-2 quarts plus the labeled rate of 75% or greater non-ionic surfactant per 100 gals. of water or 0.75 oz. (22 mL) plus the labeled rate of a 75% or greater non-ionic surfactant per 1 gal. of water		

COMMERCIAL GREENHOUSES AND NURSERIES

For general weed control in commercial greenhouses (beneath benches), field grown and container stock, and other similar areas, DIQUAT WATER WEED & LANDSCAPE HERBICIDE may be applied preplant, or postplant preemergence in field grown ornamental nursery plantings or postemergence as a directed spray. DIQUAT WATER WEED & LANDSCAPE HERBICIDE may also be applied preemergence in ornamental seed crops (except in the state of California). Avoid contact with desirable foliage as injury may occur. Do not use on food or feed crops.

Use	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate	Minimum Total Spray Volume per Acre	Recommendations, Precautions, and Restrictions
COMMERCIAL GREENHOUSES AND NURSERIES	Broadcast	1-2 pts per acre	15 gals	• Apply for full coverage and thorough weed contact. • Avoid spray contact with foliage of food crops or ornamental plants or other desirable vegetation. • Add the labeled rate of 75% or greater nonionic surfactant per 100 gals. of spray mixture.
	Spot Treatment	1-2 quarts plus the labeled rate of 75% or greater non-ionic surfactant per 100 gals. of water or 0.75 oz. (22 mL) plus the labeled rate of a 75% or greater non- ionic surfactant per 1 gal. of water		

ORNAMENTAL SEED CROPS (FLOWERS, BULBS, ETC.) EXCEPT IN THE STATE OF CALIFORNIA

For preharvest desiccation of ornamental seed crops. NOT FOR FOOD OR FIBER CROPS.

Use	Use Pattern	DIQUAT WATER WEED & LANDSCAPE HERBICIDE Rate	Minimum Total Spray Volume per Acre	Recommendations, Precautions, and Restrictions
ORNAMENTAL SEED CROPS (FLOWERS, BULBS, ETC.) EXCEPT IN THE STATE OFCALIFORNIA	Preharvest desiccation and weed burndown - Broadcast	1.5 - 2 pts. per acre	Ground: 15 gals. Air: 5 gals.	• Apply for full coverage and thorough weed contact. • Repeat as needed at no less than 5-day intervals up to three applications. • Add the labeled rate of 75% or greater nonionic surfactant per 100 gals. of spray mixture. • Do not use seed, screenings, or waste as feed or for consumption.

DIRECTIONS FOR LANDSCAPE, INDUSTRIAL, RECREATIONAL, COMMERCIAL, RESIDENTIAL, AND PUBLIC AREAS

DIQUAT WATER WEED & LANDSCAPE HERBICIDE is a nonselective herbicide and it will kill broadleaf and grassy weeds in industrial, recreational, golf course, commercial, residential, and public areas within 24-36 hours. Do not allow sprays to contact desirable plant foliage or injury may occur.

To be effective as a contact/desiccant herbicide, DIQUAT WATER WEED & LANDSCAPE HERBICIDE must completely cover the target weeds. Best results are seen when DIQUAT WATER WEED & LANDSCAPE HERBICIDE is applied to young, actively growing weeds. Do not apply to weeds that are growing under stress. Use the recommended application techniques for acceptable weed control.

For weeds that are difficult to control, such as perennials, or deeply-rooted weeds, control is often obtained by applications of DIQUAT WATER WEED & LANDSCAPE HERBICIDE as a tank mix with other systemic-type herbicides. Read and follow the other product labels for specific application directions.

DIQUAT WATER WEED & LANDSCAPE HERBICIDE , when applied as a tank-mix with a preemergent herbicide labeled for the intended use site, will provide residual control. Before preparing large volume of a tank-mix of DIQUAT WATER WEED & LANDSCAPE HERBICIDE with other herbicides, check that the tank-mix is physically compatible by mixing only a small amount of the tank mix. If the mixture balls up, forms flakes, sludges, jells, oily films or layers, or other precipitates form, do not use this combination: it is not compatible. Read and follow the other product labels for specific application directions.

It is not possible for Agrisel USA, Inc. to test all possible tank mixtures of DIQUAT WATER WEED & LANDSCAPE HERBICIDE with other pesticides for compatibility, efficacy, or other adverse effects. Agrisel USA, Inc. recommends you consult your state experimental station, state university or extension agent before tank-mixing DIQUAT WATER WEED & LANDSCAPE HERBICIDE with other herbicides.

Grounds maintenance weed control in public, commercial and residential landscapes, including landscape beds, lawns, golf courses and roadsides:
Apply DIQUAT WATER WEED & LANDSCAPE HERBICIDE as a spot or broadcast spray to control weeds in listed sites or to control weeds around the edges and non-flooded portions of ponds, lakes and ditches.

Trim and Edge weed control along driveways, walkways, patios, cart paths, fence lines, and around trees, ornamental gardens, buildings, other structures, and beneath noncommercial greenhouse benches:
DIQUAT WATER WEED & LANDSCAPE HERBICIDE can be used to eliminate undesired grass and broadleaf plant growth in narrow-banded areas along the areas listed.

Since DIQUAT WATER WEED & LANDSCAPE HERBICIDE does not translocate systemically, it can be used as an edging or pruning tool. DIQUAT WATER WEED & LANDSCAPE HERBICIDE must be applied only to the select, narrow-banded areas of grass or undesirable weed growth found in desirable ornamental bedding plants, ground covers, etc. DIQUAT WATER WEED & LANDSCAPE HERBICIDE will only control vegetation growing within the width of the spray application. Do not exceed the labeled rate of DIQUAT WATER WEED & LANDSCAPE HERBICIDE or concrete-based materials will be stained.

Industrial weed control for right-of-ways, railroad beds/yards, highways, roads, dividers and medians, parking lots, pipelines, pumping stations, public utility lines, transformer stations and substations, electric utilities, storage yards, and other noncrop areas: Apply DIQUAT WATER WEED & LANDSCAPE HERBICIDE as a spot or broadcast spray either alone or in combination with other herbicides for a fast burndown of weeds in listed industrial weed control sites.

Spot Spray Applications: 1-2 qts. of DIQUAT WATER WEED & LANDSCAPE HERBICIDE ***plus*** a nonionic surfactant containing 75% or greater nonionic surfactant at the manufacturer's recommended rate per 100 gals. water. For small spray solution volumes, mix 0.75 fl. oz. (22 ml) DIQUAT WATER WEED & LANDSCAPE HERBICIDE with the appropriate amount of the nonionic surfactant in 1 gallon of water.

Broadcast Applications: 1-2 pts. DIQUAT WATER WEED & LANDSCAPE HERBICIDE per acre ***plus*** a nonionic surfactant containing 75% or greater nonionic surfactant at the manufacturer's recommended rate per 100 gals. of spray mixture. Use sufficient water to ensure good spray coverage although increased spray volumes (60 gals. or more are recommended) will be necessary for treating tall and/or dense target plants.

TURF RENOVATION (ALL TURF AREAS EXCEPT COMMERCIAL SOD FARMS)
DIQUAT WATER WEED & LANDSCAPE HERBICIDE can be used to desiccate golf course turf and other turf areas prior to renovation. For suppression of regrowth and quick desiccation of treated turfgrass, use DIQUAT WATER WEED & LANDSCAPE HERBICIDE as a tank mix with other systemic nonselective or systemic postemergence grassy weed herbicides. Before tank mixing with other products, read and follow the other product labels for specific application directions and restrictions.

Broadcast (Ground) Application: 1-2 pts. of DIQUAT WATER WEED & LANDSCAPE HERBICIDE per acre ***plus*** a nonionic surfactant containing 75% or greater nonionic surfactant at the manufacturer's recommended rate in 20-100 gals. of water. For smaller spray solution volumes, mix 4 teaspoons of DIQUAT WATER WEED & LANDSCAPE HERBICIDE and the appropriate amount of nonionic surfactant in 1 gal. of water. Apply DIQUAT WATER WEED & LANDSCAPE HERBICIDE as a full coverage spray to thoroughly contact the turfgrass.

Make applications only when the turf is dry, free from dew or other moisture. Increased water volumes (100 gal. of water per acre) will enhance turf desiccation, especially when turfgrass is dense and thick.
Do not allow sprays to come in contact with or drift to, foliage of ornamental plants or food crops. Do not graze livestock on treated turf or feed treated thatch to livestock.

DORMANT ESTABLISHED TURFGRASS (BERMUDAGRASS, ZOYSIAGRASS), NONFOOD OR FEED CROP

For control of emerged annual broadleaf and grass weeds, including Little Barley*, Annual Bluegrass, Bromes including Rescuegrass, Sixweeks fescue, Henbit, Buttercup, and Carolina Geranium in established dormant bermudagrass lawns, parks, golf courses, etc.

Apply 1-2 pts. DIQUAT WATER WEED & LANDSCAPE HERBICIDE per acre in 20-100 gals. of spray mix by ground as a broadcast application. Add the labeled rate of a 75% or greater nonionic surfactant per 100 gals. of spray mixture.

Bermudagrass must be dormant at application. Application to actively growing bermudagrass may cause delay or permanent injury. Users in the extreme Southern areas should be attentive to the extent of dormancy at the time of application.

* For control of Little Barley, apply DIQUAT WATER WEED & LANDSCAPE HERBICIDE prior to the mid-boot stage.

AQUATIC USE DIRECTIONS (FOR AQUATIC USE IN NEW YORK - SEE SPECIFIC NEW YORK AQUATIC USE DIRECTIONS IN THIS LABEL)

DIQUAT WATER WEED & LANDSCAPE HERBICIDE is used to control aquatic weeds in public waters such as ponds, lakes, reservoirs, marshes, bayous, drainage ditches, canals, streams, rivers, and other slow-moving or quiescent bodies of water. Do not apply to water that is moving or if outflow leads to public waters (i.e., apply only to still water ponds, lakes and drainage ditches).

Optimum control of submersed weeds is obtained by applying **DIQUAT WATER WEED & LANDSCAPE HERBICIDE** when the weeds are

actively growing (photosynthesizing), typically when water temperatures are about 50°F or more, (this occurs usually in the Spring or early Summer). Necessary approval and/or permits should be obtained prior to application if required. Consult the responsible State Agencies (i.e. Fish and Game Agencies or Department of Natural Resources.

Treatment of dense weed areas may result in oxygen loss from decomposition of dead weeds. This loss of oxygen may cause fish suffocation. Therefore, treat only 0.33 – 0.5 of the water body area at one time and wait 14 days between treatments.

For best results on submersed weeds, DIQUAT WATER WEED & LANDSCAPE HERBICIDE should be applied to actively growing (photosynthesizing) weeds when water temperatures have reached or exceeded approximately 50°F, typically during the Spring or early Summer.

For application only to Stillwater (i.e farm ponds, farm lakes, and farm drainage ditches) where there is minimal or no outflow to public waters.

and/or

For applications to **public waters** in ponds, lakes, reservoirs, marshes, bayous, drainage ditches, canals, streams, rivers, and other slow-moving or quiescent bodies of water for control of aquatic weeds. For use by:

- Corps of Engineers; or
- Federal or State Public Agencies (i.e., Water Management District personnel, municipal officials); or
- Applicators and/or Licensees (certified for aquatic pest control) that are authorized by the State or Local government.

Treated water may be used according to the following table or until such time as an approved assay (example: PAM II Spectromatic Method) shows that the water does not contain more than the designated maximum contaminant level goal (MCLG) of 0.02 mg/l (ppm) of diquat dibromide (calculated as the cation):

Water Use Restrictions Following Applications with DIQUAT WATER WEED & LANDSCAPE HERBICIDE

Application Rate	Drinking	Fishing and Swimming	Livestock/ Domestic Animals Consumption	Spray Tank Applications** and Irrigation to Turf and Landscape Ornamentals	Spray Tank Applications** and Irrigation to Food Crops and Production Ornamentals
2 gals./surface acre	3 days	24 hours	1 day	3 days	5 days
1 gal./surface acre	2 days	24 hours	1 day	2 days	5 days
0.75 gal. /surface acre	2 days	24 hours	1 day	2 days	5 days
0.50 gal./surface acre	1 day	24 hours	1 day	1 day	5 days
Spot Spray* (< 0.5 gal/ surface acre)	1 day	24 hours	1 day	1 day	5 days

*Rates refer to total surface area. Add a nonionic surfactant (with at least 75% of the constituents active as a spray adjuvant) at the rate recommended by the manufacturer.
**For preparing agricultural sprays for food crops, turf or ornamentals (to prevent phytotoxicity), do not use water treated with DIQUAT WATER WEED & LANDSCAPE HERBICIDE before the specified time period. When the contents of more than one spray tank is necessary to complete a single aquatic application, no water holding restrictions apply between the consecutive spray tanks.

When the contents of more than one spray tank is necessary to complete a single aquatic application, no water holding restrictions apply between the consecutive spray tanks.

No applications are to be made in areas where commercial processing of fish, resulting in the production of Fish protein concentrate or fish meal, is practiced. Before application, coordination and approval of local and/or State authorities must be obtained.

Control of Floating and Marginal Weeds
DIQUAT WATER WEED & LANDSCAPE HERBICIDE controls the listed floating and marginal weeds. Applications may be made by airboat, airplane, backpack, spray handgun, helicopter, or similar application equipment. For all application methods, ensure that weeds receive thorough spray coverage.

Floating and Marginal Weeds Controlled
Water lettuce, *Pistia stratiotes*
Water hyacinth, *Eichhornia crassipes*
Duckweed, *Lemna* spp.
Salvinia spp. (including S. *molesta*)
Pennywort (*Hydrocotyle* spp.)
Frog's Bit, *Limnobium spongia*
Cattails, *Typha* spp.

Spot Treatment: DIQUAT WATER WEED & LANDSCAPE HERBICIDE at 2 quarts per 100 gallons spray carrier (0.5% solution) with an approved aquatic wetting agent at 0.25-1.0% v/v (1 quart to 1 gallon per 100 gallons water). For cattail control, DIQUAT WATER WEED & LANDSCAPE HERBICIDE should be applied prior to flowering at the maximum application rate (8 quarts of DIQUAT WATER WEED & LANDSCAPE HERBICIDE /100 gallons spray carrier) plus the wetting agent. Repeat treatments may be necessary for complete control.

Spray to completely wet target weeds but not to runoff. Densely packed weeds or mats may require additional applications due to incomplete spray coverage. Re-treat as needed. For best results, retreat weed escapes within 2 weeks of the initial treatment.

Broadcast Treatment: Apply DIQUAT WATER WEED & LANDSCAPE HERBICIDE at the rate of 0.5-2.0 gallons per surface acre in sufficient carrier along with 16-32 oz./acre of an approved wetting agent. Re-treat as necessary for densely populated weed areas. Good coverage is necessary for control of the target weeds.

For duckweed control, apply DIQUAT WATER WEED & LANDSCAPE HERBICIDE at 1-2 gallons/acre. Apply as an overall spray in 50 to150 gals. of water plus the labeled rate of a 75% or greater non-ionic surfactant per acre. Retreatment may be necessary for plants missed in previous applications and regrowth.

For pennywort and cattail control, apply in 50 to150 gals. of water plus the labeled rate of a 75% or greater non-ionic surfactant per acre for full coverage and thorough weed contact. Repeat treatments may be necessary to control regrowth. For best results, apply before flowering (cattail).

For salvinia, waterlettuce and waterhyacinth, use the labeled rate of DIQUAT WATER WEED & LANDSCAPE HERBICIDE in 75 to 200 gals. of water plus the labeled rate of a 75% or greater non-ionic surfactant per acre for surface sprays and for aerial application for waterlettuce and waterhyacinth control, apply the labeled rate of DIQUAT WATER WEED & LANDSCAPE HERBICIDE in 10 to 24 gals. of water plus the labeled rate of a 75% or greater non-ionic surfactant per acre.

Control of Submerged Weeds
DIQUAT WATER WEED & LANDSCAPE HERBICIDE controls the listed submerged weeds from application by surface, subsurface, and bottom placement applications. Enhanced weed control may be obtained in situations where severe weed or algae infestations are found: use an approved algaecide either as a pretreatment to an DIQUAT WATER WEED & LANDSCAPE HERBICIDE application, or as a tank mix with DIQUAT WATER WEED & LANDSCAPE HERBICIDE .

Submersed Weeds Controlled or Suppressed
Bladderwort, *Utricularia* spp.
Hydrilla, *Hydrilla verticillata*
Watermilfoils (including Eurasian), *Myriophyllum* spp.
Pondweeds, *Potamogeton* spp.†
Coontail, *Ceratophyllum demersum*
Elodea, *Elodea* spp.
Brazilian Elodea, *Egeria densa*
Naiad, *Najas* spp.
Algae, *Spirogyra* spp. and *Pithophora* spp. ††

† DIQUAT WATER WEED & LANDSCAPE HERBICIDE does not control Richardson's pondweed, *P. richardsonii*.
††Suppression only. *Spirogyra* and/or *Pithophora* can be controlled using a tank mix of DIQUAT WATER WEED & LANDSCAPE HERBICIDE with an approved algaecide.

For salvinia, waterlettuce and waterhyacinth, use the labeled rate of DIQUAT WATER WEED & LANDSCAPE HERBICIDE in 75 to 200 gals. of water plus the labeled rate of a 75% or greater non-ionic surfactant per acre for surface sprays and for aerial application for waterlettuce and waterhyacinth control, apply the labeled rate of DIQUAT WATER WEED & LANDSCAPE HERBICIDE in 10 to 24 gals. of water plus the labeled rate of a 75% or greater non-ionic surfactant per acre.

For suppression of certain filamentous algae species including *Spirogyra* and *Pithophora*, apply according to the submersed use directions.

For severe weed or algae infestations, the use of an approved algaecide either as a pretreatment to the DIQUAT WATER WEED & LANDSCAPE HERBICIDE application or in a tank mix, may result in enhanced weed control.

To control submersed weeds, apply DIQUAT WATER WEED & LANDSCAPE HERBICIDE in water at 0.5-2.0 gallons per surface acre (per 4 foot water depth). For severe weed infestations, use the 2.0 gallon per surface acre rate. For best results, re-treat as necessary on 14-21 day intervals. The table below shows how many gallons of DIQUAT WATER WEED & LANDSCAPE HERBICIDE to apply per surface acre based on water depth.

	Gallons of DIQUAT WATER WEED & LANDSCAPE HERBICIDE per Surface Acre Average Water Depth			
	1 Foot	2 Feet	3 Feet	4 feet
1 gallon/acre rate	0.25 gal.	0.50 gal.	0.75 gal.	1.0 gal.
2 gallon/acre rate	0.50 gal.	1.0 gal.	1.5 gals.	2.0 gals

Note: For water depths of 2 feet or less including shorelines, do not exceed 1 gallon per surface acre. Lowest rates should be used in shallow areas where the water depth is considerably less than the coverage depth of the entire treatment area, for example, shallow shoreline area. At water temperatures below 50°-60°F efficacy and immediacy of results may be reduced.

Subsurface Applications: Where the submersed weed growth, especially Hydrilla, has reached the water surface, apply either in a water carrier or an invert emulsion through boom trailing hoses carrying nozzle tips to apply the dilute spray below the water surface to insure adequate coverage.

Bottom Placement: Where submersed weeds such as Hydrilla, Bladderwort, or Coontail have reached the water surface and/or where the water is slowly moving through the weed growth, the use of an invert emulsion carrier injecting diluted DIQUAT WATER WEED & LANDSCAPE HERBICIDE near the bottom with weighted hoses may improve control. The addition of a copper based algaecide may improve control. If algae are present along with the submersed weeds, a pretreatment with a copper based algaecide may improve overall control.

Surface Application for Submerged Aquatic Weeds: Apply the recommended rate of DIQUAT WATER WEED & LANDSCAPE HERBICIDE as a spray in sufficient carrier to fully cover the target area. Applications should be made to ensure complete coverage of the weed areas. In mixed weed populations, use the high rate of application as indicated by weeds present. For dense submersed weeds or water over 2 feet deep, a surface spray is not recommended (DIQUAT WATER WEED & LANDSCAPE HERBICIDE should be applied subsurface in these situations.)

In mixed weed populations, use the high rate of application as indicated by weeds present.

If posting is required by your state or tribe – consult the agency responsible for pesticide regulations for specific details.

Use of DIQUAT WATER WEED & LANDSCAPE HERBICIDE for Submersed Weeds at Water Depths Greater than 4 feet (For Use in AL, CA, FL, ID & SC Only)
DIQUAT WATER WEED & LANDSCAPE HERBICIDE is labeled for use at rates up to 2 gal/surface acre. These rates are based on a maximum water depth of 4 feet. If water depth exceeds 4 feet, higher rates per surface acre may be required for submersed weeds to obtain control.

Water Depth	Rate of DIQUAT WATER WEED & LANDSCAPE HERBICIDE per Treated Surface Acre
< 2 feet	0.5 – 1.0 gal.
2 – 4 feet	1.0 – 2.0 gal.
5 feet	1.0 – 2.5 gal.
6 feet	1.0 – 3.0 gal.
7 feet	1.0 – 3.5 gal.
8 feet	1.0 – 4.0 gal.
9 feet	1.0 – 4.5 gal.
10 feet	1.0 – 5.0 gal.
11 feet	1.0 – 5.5 gal.
12 feet	1.0 – 6.0 gal.

AQUATIC USE DIRECTIONS FOR USE IN NEW YORK

The aquatic use directions below labeling are the only aquatic uses allowed in New York State.

For application only to ponds, lakes, and drainage ditches where there is little or no outflow of water and which are totally under the control of the product's user. Do not use the treated water for animal consumption, spraying, irrigation, or domestic purposes for 14 days after treatment.

Do not treat water where depth is 3 feet or less. Where water is 3 feet or more deep use the following rates based on weeds present. Dilute all applications by mixing with water prior to treatment at a dilution of 1 part product per 200 parts, or more, water. Apply only by spray to surface of lake with a boom sprayer.

WEED SPECIES	USE RATE – GALS/SURFACE ACRE	APPLICATION
Submerged Weeds (Infesting Still Ponds, Lakes, Ditches or Portions Thereof):		
Bladderwort (*Ultricularia* spp.) Coontail (*Ceratophyllum demersum*) Elodea (*Elodea* spp.) Naiad (*Najas* spp.) Pondweeds, (*Potamogeton* spp.) * *Except P. *robbinsii*; also Richardson Pondweed (P. *richardsonii*) in Minnesota. Watermilfoil (*Myriophyllum spicatum*)	1-2 2 2 1 2 1-2	In mixed weed population use the high rate of application as indicated by weeds present
Floating Weeds:		
Pennywort (*Hydrocotyle umbellata*) Salvinia (*Salvinia rotundifolia*) Water Hyacinth (Eichhornia crassipes)	0.5 – 0.75 0.5 – 0.75 0.5 – 0.75	200 gals of water plus 1 pt. of a 75% spreader (non-ionic) should be applied as an overall spray for the control of the weeds. The high rates of Diquat Water Weed & Landscape Herbicide should be use for late season application
Duckweed (*Lemna* spp and *Spirodela* spp)	1	For control, apply Diquat Water Weed & Landscape Herbicide as an overall spray in 200 gals. of water plus 1 pt. of a 75% spreader (non-ionic) per acre. Care should be taken to thoroughly cover all plants on water and limit application to damp marginal areas greater than 3 feet in depth. Re-infestation of Duckweed occurs readily from untreated areas. Retreatment with Diquat Water Weed & Landscape Herbicide may be necessary to obtain season long control
Marginal Weeds (Infesting the Edges and Other Portions of Ponds, Lakes, and Ditches):		
Cattails (*Typha* spp. only in areas of three feet in depth or more)	1	For top kill apply Diquat Water Weed & Landscape Herbicide in 200 gals. water plus 1 pt. of a 75% spreader (non-ionic) for full coverage and thorough weed contact. Repeat treatment as necessary to control regrowth. For best results apply before flowering.

Formula for Parts per Million (ppm) Recommendations
Gals. to use = ppm recommended x acreage of water x average depth of water x 1.4. For example – 0.5 ppm recommendations; two acre pond; 4 feet average depth; 0.5 x 2 x 4 x 1.4 = 5.6 gals. required.

Restrictions: (1) Do not use for control of waterlettuce in N.Y. (2) Do not use Diquat for Algae control in N.Y. (2) Do not combine copper with Diquat in N.Y. (3) Do not apply by air in N.Y. (5) Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning the equipment.
PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate feed, foodstuffs, or drinking water. Do not store or transport near feed or food. Store at temperatures above 32°F. Open dumping is prohibited. For help with any spill, leak or fire involving this material, call CHEMTREC at 1-800-424-9300.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING [Less than 5 gallons]
Non-refillable Container: Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) after emptying as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER HANDLING [Bulk/Mini-Bulk]
Refillable Container: Refill this container with pesticide only. Do not reuse the container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

CONDITIONS OF SALE
AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Follow Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Agrisel USA, Inc. or Seller. To the extent of applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Agrisel USA, Inc. and Seller harmless for any claims relating to such factors.

Agrisel USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Agrisel USA, Inc., and Buyer and User assume the risk of any such use. **AGRISEL USA, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE**.

To the extent consistent with applicable law, in no event shall Agrisel USA, Inc. or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AGRISEL USA, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AGRISEL USA, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT**.

Agrisel USA, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of Agrisel USA, Inc.

Champ is a registered trademark of Nufarm Agricultural Products Dithane is a registered trademark of Dow Agrosciences
Kocide is a registered trademark of DuPont Crop Protection
Bravo Weather-Stik is a registered trademark of Syngenta Crop Protection Tenn-Cop is a registered trademark of Griffin Corporation

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

Harmful if swallowed or inhaled. Causes skin irritation. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get on skin or on clothing. Avoid breathing (dust, vapor, or spray mist). Avoid contact with eyes. Wear coveralls over short-sleeved shirt and short pants, socks, chemical-resistant footwear and chemical gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS (Terrestrial and Aquatic Uses)

This pesticide is toxic to aquatic invertebrates. For Terrestrial Uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. For Aquatic Uses, do not apply directly to water except as specified on this label. Treatment of dense weed areas may result in oxygen loss from decomposition of dead weeds. This loss of oxygen may cause fish suffocation. Therefore, treat only 1/3 to 1/2 of the water body area at one time, especially if dense areas of weeds and/or algae exist and wait 14 days between treatments.

Necessary approval and/or Permits should be obtained prior to application if required. Consult the responsible State Agencies (i.e., Fish and Game Agencies or Department of Natural Resources) before making applications to public waters.

PHYSICAL AND CHEMICAL HAZARDS

This product is mildly corrosive to aluminum and produces hydrogen gas which may form a highly combustible gas mixture. Do not mix or store in containers, spray tanks, nurse tanks, or such systems made of aluminum or having aluminum fittings. This product is compatible with high density polyethylene and rubber lines steel containers.

Do not mix or allow coming in contact with oxidizing agent. Chemical reaction may occur.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal, or cleaning the equipment.

PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate feed, foodstuffs, or drinking water. Do not store or transport near feed or food. Store at temperatures above 32°F. Open dumping is prohibited. For help with any spill, leak or fire involving this material, call CHEMTREC at 1-800-424-9300.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING [Less than 5 gallons]

Non-refillable Container: Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) after emptying as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.