

GROUND-UP 48% SL

HERBICIDE
SOLUBLE CONCENTRATE

VAPCO

Class:
Glycine derivative

Systemic and non-selective herbicide for the control of many annual and perennial narrow and broadleaf weeds such as: sedges and woody shrubs.

COMPOSITION: Each Liter contains:

GLYPHOSATE ISOPROPYL AMMONIUM (IPA) (EQUIVALENT TO GLYPHOSATE ACID 36% W/V)	48% W/V (A.I)
BIO-ACTIVATOR	17%

PROPERTIES:

GROUND-UP 48% SL : Is a special formulation contains a bio-activator which increases its efficiency and decreases the application rate to the half.

GROUND-UP 48% SL : Non selective systemic herbicide for the control of many annual and perennial narrow and broadleaf weeds such as: sedges and woody shrubs.

GROUND-UP 48% SL : It is absorbed through the vegetative system and is transmitted to the lower parts of the plant, which are roots and rhizomes and permanently eliminates weeds because it works through the roots.

GROUND-UP 48% SL : Its safe to environment, because rapidly decomposes by bacterial action.

GROUND-UP 48% SL : Its not affected by low temperature and its efficiency increases in warm temperature.

GROUND-UP 48% SL : Has no preplanting effect, therefore crops could be planted after soil treatment.

USES AND APPLICATION RATE :

USES	APPLICATION RATE / DONUM	TIMING
Destruction of previous crop, and preplanting of subsequent crop	500 - 600 ml/ 15 - 25 lt. water / 1000 m ²	Spray when grasses and weeds are 30 - 60 cm high and before flowering.
For the control of perennial grasses and broadleaf weeds in the field of (citrus, peach, apple, grapes, olive, pears, appricot, nectarines, plum)	600 - 1000 ml/ 10 - 50 lt. water / 1000 m ²	Spray before flowering.
Non-crop land: for the control of narrow and broadleaf weeds.	600 - 1000ml/ 10 - 50 lt. water / 1000 m ²	---

Donum = 1000 m²

AQUATIC WEEDS:

Spray when weeds are 30 cm high at least and before flowering at a rate of 250 - 600 ml/ 10 - 30 lt. water.

• For more details about first aid & precautions please refer to first aid & precautions index.

WOODY BUCHES:

Spray when weeds are 30 cm high at least, and before flowering at rate of 75 - 700 ml / donum and according to plant growth, density and weather conditions during application.

CAUTION:

- Used only on the above mentioned crops.
- Do not use galvanized sprayers.

REMARKS:

- Spraying should be applied by plastic or fiber-glass sprayers, and clean the used sprayer after application.
- Sprayed solution is used at rate of 20-60 lt./ donum. Fill the half of the sprayer with water then add **GROUND-UP 48% SL** and agitate well. Then add the rest quantity of water.
- Spray by ordinary sprayer under a very light pressure and by positional treatment only on grasses and weeds to be treated. Observed that herbicide should not attach other crops near the field.
- To increase the product efficiency it should be sprayed at the top of the vegetative growth of weeds and before flowering stage.
- Irrigate the treated area before spraying to increase the efficiency of the product and avoid irrigate or cultivate the sprayed area for one week after application to prevent washing off the herbicide on weeds.

PRECAUTIONS:

- Calibration of sprayer is important before application.
- Complete coverage while spraying is recommended, efficiency increases in warm temperature and normal humidity.
- Repeat spraying if it rain before 6 hours from finishing application.
- If the treated area has been cultivated before spraying you have to wait till the weeds which 20-30 cm high.
- Weeds that grown in waterways must be controlled when these ways are empty from water.
- To control annual weeds its preferable to start spraying when these weeds have a suitable vegetative growth at 8 leave stage and repeat spraying after 30-45 days for those weeds which have deep root growth.
- Postpone the removal of sprayed weeds for 3-7 days from application.

GRAZING RESTRICTIONS:

Don't graze or feed animals from treated area for 21 days from the last application.

RE-ENTRY PERIOD:

4 hours from the last application.

COMPATIBILITY:

It is preferable not to be mixed with other pesticides.

TRADE NAMES:

GLYTEX-48% SL
GLAND UP-48% SL
GLIVAP

- For more details about first aid & precautions please refer to first aid & precautions index.