

GROUND-UP

HERBICIDE
SOLUBLE CONCENTRATE

VAPCO

Class:
Glycine derivative

Systemic and non-selective herbicide for the control of a great variety of annual, biennial and perennial grasses, sedges, broad-leaved weeds and woody shrubs.

COMPOSITION: Each Liter contains:

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

PROPERTIES:

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

GROUND-UP : Non selective systemic herbicide for the control of a great variety of annual, biennial and perennial grasses, broad-leaved weeds and woody shrubs.

GROUND-UP : Translocated from treated leaves and green stem to under ground roots, rhizomes or stolone, and eradicates weeds completely because its absorbed directly by roots.

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

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

GROUND-UP: 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	250 - 350 ml/ 20 - 40 lt. water	Spray when grasses and weeds are 30 - 60 cm high and before flowering.
Tree crop: for the control of perennial grasses and Broad-leaved weeds in Fruit trees.	400 - 600 ml/ 10 - 50 lt. water	Spray before flowering.
Non-crop land: for the control of annual and perennial grasses.	300 - 500ml/ 10 - 50 lt. water	---

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.

WOODY BUCHES:

Spray when 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.

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

CAUTION:

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

REMARKS:

- Spraying should be applied by plastic or fiber-glass sprayers, 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** and agitate well. Then add the full 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 vegetative growth for 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.

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 the rainfall before 6 hours from finishing.
- If the treated area has been cultivated before spraying you have to wait till the weeds 20-30 cm high.
- Weeds that grown in water ways 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 have deep root growth.

GRAZING RESTRICTIONS:

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

RE-ENTRY PERIOD:

4 hours after the last application.

COMPATIBILITY:

It is preferable not to be mixed with other pesticides.

*** OTHER FORMULATIONS & TRADE NAMES:**

**GROUND-UP 41% SL W/W, GLYTEX- 48% SL, GLAND UP-48% SL,
STIMOZADE-36% SL, FORASATE- 48% SL, WOUND-OUT 48% SL.**

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