

Emulsifiable Concentrate (EC)

LEGANT 5 EC

quizalofop-p-ethyl 5% w/v

Selective, systemic, post-emergence herbicide for the control of annual and perennial grass weeds. It is absorbed through the leaves and stems of weeds and inhibits the growth of meristems in the leaves and rhizomes of weeds.

Target - Product application rates:
For i) Annual grass weeds*: 1000-2000 ml/ha, **ii) Perennial grass weeds*:** 1000-3000 ml/ha.
Spray volume: 300-400 L/ha.
Crops - Method and timing of application:
Apple, Peach: Post-emergence of weeds, from the appearance of the first crop leaves until the beginning of flowering (BBCH 12-59).
Strawberry (O): Post-emergence of weeds, from the appearance of the second crop leaf until the first stolons (root tubers) become visible (BBCH 12-39).
Onion, Garlic, Beans (fresh) (with and without pods), Peas (fresh) (with and without pods), Pulses (Lentils, Chickpeas), Tobacco, Sugar beet: Post-emergence of weeds, from the appearance of the second crop leaf until completion of stem development (BBCH 12-39).
Tomato (O): Post-emergence of weeds, from the appearance of the second crop leaf until the ninth (or more) leaf on the main shoot is fully unfolded / before the appearance of inflorescences (BBCH 12-39).
Potato: Post-emergence of weeds, from the appearance of the second crop leaf until full ground cover (row closure): approximately 90% of plants meet between rows (BBCH 12-39).
Cotton, Sunflower, Soybean: Post-emergence of weeds, from the appearance of the second crop leaf until the stage of nine or more visibly extended internodes (BBCH 12-39).
Alfalfa: Post-emergence of weeds, from the appearance of the second crop leaf until the end of internode elongation / before the appearance of flower buds (BBCH 12-39).
Ornamentals (O): Post-emergence of weeds, from the appearance of the second crop leaf until the end of shoot elongation (BBCH 12-39).
Maximum number of applications per growing season: One (1) application for all crops listed in this spectrum of activity.
Remarks: 1. The use on peach includes nectarine. **2.** O (Outdoor use). **3.** The rate range depends on the level of infestation and the growth stage of the weeds. Apply the rate of 1000 ml product/ha under low weed pressure and when weeds are at an early growth stage.
***Weeds controlled:** -Annual grass weeds at a rate of 2000 ml/ha: a) Susceptible: Blackgrass (*Alopecurus myosuroides*), Johnsongrass from seed (*Sorghum halapense*), Ryegrasses (*Lolium sp.*), Barnyardgrass (*Echinochloa crus-galli*), Canary grasses (*Phalaris sp.*). b) Moderately susceptible: Wild barley (*Hordeum vulgare*), Large crabgrass (*Digitaria sanguinalis*), Loose silky-bent (*Apera spicaventi*), Bromes (*Bromus sp.*), Cocksfoots (*Dactylis sp.*), Goosegrass (*Eleusine indica*), Panic grasses (*Panicum sp.*), Foxtails (*Setaria sp.*), Wheat (*Triticum aestivum*). -Perennial grass weeds at a rate of 3000 ml/ha: a) Susceptible: Bermuda grass (*Cynodon dactylon*), Johnsongrass from rhizomes (*Sorghum halepense*). b) Moderately susceptible: Couch grass (*Agropyron repens*), Creeping bent (*Agrostis stolonifera*), Paspalum (*Paspalum sp.*).

Specific agricultural, plant health or environmental conditions under which the product may be used or must be excluded: ● Avoid spray drift onto neighbouring cereal crops. ● Do not use any other pesticide for 3 days before or after application of **ELEGANT 5 EC**.
Resistance management: The product contains the active substance quizalofop-p-ethyl, which belongs to **Group 1** according to HRAC. To prevent the development of resistance, the following is recommended: Use alternative weed control methods (mechanical methods, cultural measures such as crop rotation, etc.) wherever possible and alternate with herbicides from other groups with different modes of action.
Safety interval between application and i) sowing or planting of the crop to be protected: -- , ii) sowing or planting of succeeding crops: Do not sow or plant cereals until 3 months have elapsed after application. **iii) access by people or animals to the treated crop:** 5 days.
Information on phytotoxicity, varietal sensitivity and any other adverse effects on plants or their products: The product is not phytotoxic when used in accordance with the instructions for use and application method on the recommended crops under Greek soil and climatic conditions. On ornamentals, a test on a small number of plants is recommended to check for possible phytotoxicity.
Method of application: Spray the weed foliage uniformly with 300-400 L water/ha. Use flat-fan nozzles. Spray at a pressure below 45 psi (2-3 atm).
Preparation of spray mixture: Fill the sprayer tank ¾ full with water. Add the required amount of product to the spray tank while stirring. Top up the sprayer with the remaining water while continuing to stir.
Cleaning of spraying equipment: The tank and all components must be cleaned immediately after spraying. Empty the spray tank completely. Make sure that all traces of the product have been removed. Rinse the tank and all sprayer components three (3) times with clean water.
Instructions for safe disposal of the plant protection product and its packaging: Empty containers (bottles) must be pressure-rinsed or triple-rinsed (add the rinsate to the spray mixture). Then puncture them to prevent further use and deposit them at collection points for recycling or energy recovery.
Compatibility: Compatibility with other plant protection products has not been tested.
Last application before harvest or before placing on the market in the case of post-harvest uses: Cotton, Soybean: 90 days. Sugar beet: 60 days. Tomato (O), Potato: 56 days. Garlic, Onions: 55 days. Beans (fresh) (with and without pods), Peas (fresh) (with and without pods), Pulses: Chickpeas, Lentils: 54 days. Sunflower: 45 days. Strawberry (O): 42 days. Apple, Peach-Nectarine: 35 days. Alfalfa, Tobacco: 21 days.
Storage conditions and shelf life of the product: Store in its original unopened packaging in a dry, cool, well-ventilated place, away from sources of ignition and direct sunlight. The product remains stable for two (2) years from the indicated date of manufacture.

THE INFORMATION WRITTEN IN THIS FORM HAS AN INFORMATIONAL CHARACTER AND DOES NOT SUBSTITUTE IN ANY CIRCUMSTANCES.
PLANT PROTECTION PRODUCTS ARE INTENDED FOR USE BY PROFESSIONAL USERS.
INSTRUCTIONS FOR USE AND PRECAUTIONS, WRITTEN ON THE LABEL MUST BE OBSERVED.
FOR MORE INFORMATION CONTACT THE TECHNICAL DEPARTMENT OF OUR COMPANY OR CONSULT THE LOCAL AGRONOMISTS.

10/2026

NitroFarm SA is certified with EN ISO 9001:2015 Quality Management System and EN ISO 14001:2015 Environmental Management System

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