



Recommendation and dosages of HUNGAVIT Organic foliar fertilizers / plant conditioners

All members of Hungavit product line could be used either as spray on the leaves of the plants or to mix with the irrigated water. The best and most economical results are achieved by applying on the leaves, there are no any waste of the active ingredients. This is why we recommend their application as leaf fertilizer except in case of seedling, greenhouse plant production, ornamental plants and grass or lawn, it could be mix with irrigation water as it discussed bellow. Hungavit application with irrigated water is also recommended for any types of plants when drop irrigation methods are used.

Since Hungavit products are solutions of environmentally safe natural active ingredients, no toxic, no corrosive for the containers, there are no need for any extra directions and cautions for their application in contrast to other leaf-fertilizers. Overdosing Hungavit products have no any negative effects on the plant but even increase the positive effects.

The dosages recommended for application of each product are generally 5 l/ha diluted in a quantity of water ranged between 300-600 liter depending on the size of the plants and the types of the spraying machine, except when the application are done by aircraft, the dosage (5 liter) should be diluted in 50-80 liter of water, the important condition is that the recommended dose should be diluted in a quantity of water enough to spray the active ingredient uniformly on the plant leaves without reasonable waste. Therefore, generally we recommend a dosage per hectare without mention the quantity of diluted water because it depend on the types of spraying machine used and the types of the plant as well. 2-3 treatments are recommended during the growing season.

Generally, there are no extra agro-technical expenses, because Hungavit products could be mixed with all types of pesticides. When Hungavit products are used together with other products or pesticides, they should not mixed in concentrated form but the mixing should happen in the recommended quantity of water. The best time of application is the very early morning or the late afternoon.

Hungavit Universal *for all plants, especially vegetables*

Hungavit Universal could be used successfully for all types of plants. But we especially recommend it for vegetables and those plants which are not belong to those plant groups which we developed special products for them like Hungavit A, B, G, P, D. and Cereal. These Hungavit products are no more than Hungavit Universal enriched with special

additives which increase their positive effects on those groups of plants. Normal dosage for the field and horticultural plants is 5 l/ha 2 - 3 times per season during the vegetation period. Dilute in water and apply on the leaves of the plants. For green-house horticulture plant production, dilute 20 times with water and spray on the leaves, or use it with every irrigation by mixing one liter of Hungavit Universal with each 100 liter of irrigation water. For the leaf vegetable (the leaf -may be together with roots and stems- of the plants are consumed) like lettuce, **onion**, cauliflower, parsley, medicine plants, **hemp**, etc.) use 2-3 treatments of Hungavit from starting the vegetation (5-8) leave and the last treatment 2-3 weeks before harvesting. For the vegetables that the fruit part are consumed like **peppers** and **tomatoes**, use first treatment on start of flowering, then on start of fruits establishing, finally before about 2 weeks of the first priming. Extra treatment is useful after a few days of each priming. For the vegetable plants where just the roots are consumed like **carrots**, Hungavit Universal could be used, but the best to use Hungavit B.

Hungavit A. for grape vine and fruit plants

For vine-yards 5l/ha diluted in 600 l. water is used, (in small areas, when small spraying machines are used, dilute 0.5 liter Hungavit in 20 liter water) three times during the vegetation season, spray uniformly on the leaves of the grape trees. Use the first application on start of floescence, then on start of fruit establishment, the last application 1- 2 weeks before maturation.

Hungavit A. could be used very successfully for all fruit trees like **apples** with the same dosages and timings as used for grapes. Moreover, for the fruits like **strawberry** and melons, Hungavit could be use very successfully with the same dosage 5l/ha diluted in 300 l. water (in small areas, dilute one liter Hungavit in 20 liter water) 2-3 times during the vegetation season, first treatment on start of flowering, the second 2 weeks before the first harvest. One treatment after one week of the first main harvest is surely useful.

Hungavit A. could be used successfully for tobacco plants as well; especially Virginia and oriental tobacco for improve the yields and help increasing the sugar contents.

Hungavit B. for sugar beets other root plants

5 l/ha diluted in 400-600 l of water (in small areas, dilute 0.5 liter Hungavit in 20 liter water), two times during the vegetation season, spray uniformly on the leaves of the plants. Use first application on the time of full vegetation, the second, when the growth of the plant has stopped (3-4 weeks before harvesting). Hungavit could be used successfully for all other plants that the main consumed part of the plant is the root, like **ginseng**, **carrots**, **Cole crops**, etc. with the same dose and timing of application.

Hungavit D. for flower, room and ornamental plants

Dilute 20 times with water and spray on the leaves, and/or use it with irrigation by mixing one liter Hungavit D. with 100 liter irrigation water. Apply Hungavit D. on the leaves or as irrigation solution at least every two weeks.

Hungavit G. *for grass, lawn and cereals*

For lawns and grasses, use 5 L/ha Hungavit **G** mixed with 500 l water, monthly spray on the leaves and/or continuously mixed with irrigation water with concentration of 0.5 % v/v. For cereals, use 5l/ha diluted in 300 l water, two times during growing season. Increasing the dosage have not any harmful effects on the plants because it is organic product.

Hungavit P. *for potato*

5 liter/ha diluted in 400-600 l of water two times during the vegetation season, first on full vegetation (beginning of flowering), second treatment before 4-5 weeks of harvesting.

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