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ORIGINAL ARTICLE

Muscari, Persian Shallot and Medicinal Usages

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Muscari comosum is plant like as garlic that its root is only a big bulb. Its leaves are narrow and longish and its flowers are violet caramel. Its inflorescence is simplex cluster it had known 40 types of this plant that altogether grow in moderate regions and marine zones. Some people in semination some muscari comosum sorts in garden as adornment flower. Bulb's of this plant is edible and apply in pickles and provision. And its adore is very fewer than garlic.

The Medical Distinctive of Muscari Comosum:

We use of rom miscari comosum products for reduce blood sugar in diabetic's partition. And we use from antiseptic's property of that for repulsion parasitic with food. And moreover we use that for infection contrast of water. Increase urine repulse, healer and restorer of the wounds and appeaser to spleen and liver inflammation. It has positive impression on the center nervation mechanism, decrease migraine headache help to heart-resell system, help to decrease blood myelin and fat and prevent of arteries elerosis and adjustment blood compression.

Morphology:

It a plant permanent and the under ground's part of that is swollen that pull out of it and this swollen that over cast with while color cover or pink color.

Theirs leaves are dark green color – small flowers- pink viridescent that be developed as like as umbrella on the end of font stalk giver flower in 50-60 centimeter height and it's corns are black.

Chemical Compositions:

Muscari have 1-6% present essence where about in it's chemical compositions. That inclusive all propel-disulfide and two sulfur structure and have allicin - allicatin 1 and 2, too.

Remedial Properties:

it prevent from thistle- its contrast with putrefaction- pull down the blood compression- it disincentive growth of gram negative bodies of typhoid group and like typhoid fever or paratyphoid and the tumor of small intestine.

It can destroy pollution and impurity. Too and it can cause dilatation of arteries and it can removal the arteriosclerosis, it cause urine- regulation- diaphoretic and it is opposite of toxicant. It causes purification song- removal asthma- oblivion- tremble and the most of nervous illnesses, it's useful to melancholia junctures- sciatica- gout- the pain of pelvis and instances of these can pacification with that. And it is useful to excision of expectorant- removal of flank's flatulence; drive out the blood sucker that remaining in windpipe- for drive out belly's helminthes and cucurbit's helminthes. It's useful for reinforcement of kind's strength and increase of sperm's production in humans with cold temper

Review to Shallot Properties:

Shallot part of bulb and garlic family but it hasn't intense solphoric's and injuring vapors. It's leaves are long and hollow and flower's color are red or violet. Its bulb grows in mountain areas that they use for pickle. Root's and bulb's of plant use after doing particular actions that they change them to very slim fibers and superpose them in water way that because of this action they take bitterness of

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bulb and dry them at sun and then they use as nutritive condiment. Shallot is he suitable than bulb for cooking, especially for person that is sensor to bulb's odors and taste. Shallot is fresher than bulb and its digestion very easier than bulb. That's true that shallot is like as bulb and garlic but unlike bulb, it's flowers don't give corn and seed and have many chives and unlike garlic, it has pleasant odor and it is softer than garlic and beaten and crush very soon. Shallot have many forms and the best form of that has red color that they dry it and grind and mix it in the spice and chow, food.

Often the upper parts of leaf head throw out. But these parts have overfilled vitamin and we can use them for salad. We can use them in ripe shape.

- * Shallot powder give good taste to foods, particularly to souse's that hasn't good taste.
- * feeding proficient's think that the existence of shallot in foods cause to stomach reinforcement and facilitate the digestion action.
- * Shallot overfilled of C vitamin, potassium, fiber, folic acid, calcium and iron and we enumerate it as good source of protein, so, it is very good vegetable for vegetablians.
- * Shallot has sulfuric composition like as allil propel disulfide and has felanoeds as koerestin. Checking show us that persons using felanoeds very much, the development of cancer, hearty malady and diabetes have been decreased.
- * Shallot helps to liver for elimination of hoofs from body.
- * Shallot has saponins, too that this substance can check-rein and kill the cancer's cells.
- * Shallot has much medical properties that we can point to production of prostaglandins and blood dilution.
- * Shallot's consumption has positive impression on central nervation apparatus and it can decrease migraine's headache.
- * From other shallot's properties we can point to reinforcement of kind's power, increase in urine repulse, healer and recovered of wounds and appeaser to spleen's and liver's fervor.
- * Shallot helps to vessels-heart's system to regulation of blood pressure and decreases of blood's fatness and prevent of arteriosclerosis.

Cultivation and Domesticate Muscari Compose:

Muscari major growth in Soult in culmination and in enti soils, too. Also it is a plant that persistent in cold weather and it has to elapsed a winter circuit for life continuation, and in phonologies' perspective, muscari is plant that sprout in March initial and bring leafs, and in June initial bring flowers, and in the middle of June give corn and seed and can growth. And with studding the phonologies' stages,

determined that, it hasn't most difference on growth stages with root existence. With notice that we applied fertilizer attendance in a block experiment utter accidental, it has determined that ammonium phosphate fertilizer hasn't any affection on level unit because we didn't see any meaningful disagreement in attendances and repetitions.

muscari comosum is a plant that is bulbar and give corn rarely, it production small bulbs in spring in order that any of bulb production many small bulbs. In fact, each bulb cruet a group of bulbs as like it self. And its duplication be accomplished by these small bulbs. For implant of one hundred square meter of ground we need 12 to 15 kilogram of these small bulbs.

Weather and Soil:

Muscari comosum grow in any healthful weather and soil and give us enough and good output. Much humidity and fresh animal muck cause to decay and ruin the output and product.

Planting Method:

We implant this plant in lineal. The distance between lines is 20 centimeter and the distance between bushes are 15 centimeter on the lines. For this purpose we have to mollification and stock the ground and submergence the small bulbs in the soil in order that they superpose in the where about 2 centimeter depth under the soil.

References

1. Baghalian, K., M.R. Naghavi, S.A. Ziai and H. Naghdi Badi, 2005. Post-planting evaluation of morphological characters and allacin content in Iranian garlic (*Allium sativum* L.) ecotypes. *Scientia Horticulture*, 107: 405-410.
2. Barile, E., R. Capasso, A.A. Izzo, V. Lanzotti, S.E. Sajjadi and B. Zolfaghari, 2005. Structureactivity relationships for saponins from *Allium hirtifolium* and *Allium elburzense* and their antispasmodic activity. *Planta Medica*, 71: 1010- 1018.
3. Figliuolo, G., V. Candido, G. Logozzo, V. Miccolis and Spagnoletti P.L. Zeuli, 2001. Genetic evaluation of cultivated garlic germplasm (*Allium sativum* L. and *A. amploprasum* L.). *Euphytica*, 121: 325-334.
4. Hair, J.F., R.E. Anderson, R.L. Tatham and W.C. Black, 1992. *Multivariate Data Analysis*. Macmillan Publishing Company, New York, USA, pp: 730.
5. Jellin, J.M., F. Batz and K. Hitchens, 2000. *Natural Medicines Comprehensive Data Base*. 3rd ed. Stockton press. Californiap, pp: 1310.

6. Sneath, P.H.A. and R.R. Sokal, 1973. Numerical taxonny. W.H. Freeman Co., San Francisco, USA, pp: 359.