



TAGEM
R&D AND INNOVATION

BLACK SEA AGRICULTURAL RESEARCH
INSTITUTE / SAMSUN

NUR KOBAL BEKAR

Agricultural Engineer (MSc)

EDUCATION

- **Assoc. prof**
- **PhD**
- **MSc** 2015-2017 Gaziosmanpaşa Üniversitesi Ziraat Fakültesi
- **Bachelor's Degree** 1992-1997 Gaziosmanpaşa Üniversitesi Ziraat Fakültesi
- LANGUAGE** İngilizce ÜDS/47,75

CAREER

- 2000-2010. Atakum municipalities / Department of park gardens..
- 2012,- ...Head Department / Black Sea Agricultural Research Institute / Department of Horticulture

ABOUT ME

She was born in Samsun in 1974. In 1997, he graduated from Gaziosmanpaşa University, Faculty of Agriculture, Department of Horticulture. She completed her master's degree in Gaziosmanpaşa University, Institute of Science, Department of Horticulture with her thesis study "Determination of Pole Beans Characteristics of Some Bean Lines". Our Institute's Department of Horticulture works on Vegetable Breeding and Vegetable Cultivation in the Vegetable Department.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Selection of Snap Bean Breeding Lines and Their Hybrids in Terms of Pod Quality and Determination of Inheritance Regarding Quality Characteristics, TÜBİTAK 3001, Executive- 2015-2017.
2. Determination of Drought Resistance Levels of Bean Lines Suitable for Fresh Consumption and Investigation of Defense Mechanisms Developed in Drought Stress. TÜBİTAK 3001-Researcher-2017-2019
3. Development of Qualified Inbred Line and Local Hybrid Cultivar in White Head Cabbage (*Brassica oleracea* var. capitata subvar. alba)., TÜBİTAK 1003, Researcher-2016-2019..
4. Determination of Local Plant Species and Varieties with Market Value in the TR83 Region (Yeşilirmak Basın Development Union Samsun - Çorum Sub-Project-Specialist (Concluded).
5. Generation Z Are Meeting with Agriculture, TÜBİTAK 4004, 2015.
6. Generation Z Are Meeting with Agriculture 2, TÜBİTAK 4004, 2016.
7. First Step to Soil – Samsun Governorship R&D – Member of the Executive Board (2015-2016 – Concluded)

▪ **Ongoing Projects**

1. Development of Qualified Lines and Varieties in Fresh Beans- TAGEM- Executive.
2. Pepper Breeding Researches, TAGEM- Researcher.
3. Development of Qualified Generators for Cabbage Breeding Programs and Seed Technology Project- TAGEM- Researcher
4. Line and/or Variety Development in Winter Vegetable Cultivation- TÜBİTAK 1007- Researcher
5. Determination of natural antioxidants and antioxidant activities of capia pepper breeding lines and resistance to Tomato spotted wilt virus disease, development of hybrid variety candidates. TÜBİTAK 1001- Researcher.



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Madakbaşı, S. Y., Ergin, M., Bekar, K. N., (2013). Identification and characterization of anthracnose (*Colletotrichum lindemuthianum* (Sacc. & Magnus) Lambs. Scrib.) isolates from Turkey using differential set cultivars. *Journal of Food, Agriculture & Environment*, 11 (2).
2. Özbakır Özer, M., Kar, H., Doğru Murat, Ş., Bekar Kobal, N. 2021. Morphological Characterization of Some Hybrid Red Head Cabbage (*Brassica oleracea* L. var. *capitata* subvar. *rubra*) Varieties. *Journal of Tekirdag Agricultural Faculty* 18 (3): 428-435.

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

1. Bekar, K. N., Balkaya, A., Göçmen, M., (2017). Determination of the Effects of Pumpkin Rootstocks on Vegetative Growth in Grafted Cucumber Cultivation. *Selcuk Journal of Agricultural Sciences*, 3(2): 280-290.
2. Bekar, K.N., Kandemir, D., Balkaya, A., (2017). Effects of Pumpkin Rootstocks Used in Grafted Cucumber Cultivation on Fruit Quality and Yield Components. *Journal of Gaziosmanpaşa University Faculty of Agriculture*, 34(3): 37-46.
3. Bekar, K.N., Sağlam, N., Balkaya, A. (2019). Evaluation of Variation in Some Pollen Bean Genotypes in terms of Pod Traits and Pod Quality. *Yüzüncü Yıl University Journal of Agricultural Sciences*, 29 (1), 127-135. DOI: 10.29133/yyutbd.502836
4. Yoldaş, F., Kandemir, D., Bekar, K.N., Balkaya, A., Göçmen, M.(2019). Determination of Yield and Quality Performances of Different Pumpkin Rootstock Candidates and Grafted Cucumber Varieties in Küçük Menderes Basin. *Journal of Ege University Faculty of Agriculture*, 56(3), 319-326.
5. Özbakır Özer, M., Kar, H., Doğru Murat, Ş., Bekar Kobal, N., Karaağaç, O. 2021. White Head in Cabbage (*Brassica oleracea* var. *capitata*. L) Determination of Combination Capabilities of Parental Lines. *Iğdır Journal of the Institute of Science and Technology*, 11(1): 23-31.
6. Atagün, G., Bekar, N.K, Karayel, R., Ertekin, D., Doğru, Ş., Artık, C., 2015. Generation Z Meets Agriculture. 4 th World Conference on Educational and Instructional Studies, November 05-07, 2015, Antalya, P: 55
7. Madakbaşı, S. Y., Ergin, M., Özçelik, H., Bekar, K. N., 2011. General characteristics of Ç7-1, T3, 726 and T53 lines obtained by single selection method in the Central Black Sea Region. Turkey VI. National Horticultural Congress, 4-8 October 2011, Şanlıurfa (Poster Presentation).



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▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Determination of Pole Bean Characteristics of Some Indeterminate Bean Lines (Master's Thesis - Gaziosmanpaşa University, Institute of Science, Department of Horticulture - 2017).

▪ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

1. Turkey VI. National Horticultural Congress, 4-8 October 2011, Şanlıurfa
2. Plant Breeding Course, 2011, BATEM-Antalya
3. Fresh Bean Breeding, Black Sea Agricultural Research Institute EAK Meetings, Seminar, 2011, Samsun
4. Statistics and Trial Techniques, 2012, KTAE, Samsun
5. Statistics and Trial Techniques 2, 2014, KTAE, Samsun
6. Quality Improvement in Fresh Beans, Graduate Seminar, 2016, GOP, Tokat
7. Fresh Bean Breeding, Antalya Provincial Directorate of Agriculture and Forestry - Breeding Academy, 2021, Online Training.