

نشأة المركز



أنشئ **مركز أبحاث النخيل والتمور بجامعة الملك فيصل** بالأحساء في عام 1403هـ (1983م) وفي نهاية عام 1427هـ قدمت الجامعة مقترحاً من المركز إلى وزارة التعليم العالي بطلب ضم المركز إلى مراكز التميز البحثي بالوزارة، صدرت موافقة الوزارة على الطلب وتم توقيع عقد بهذا الشأن وذلك بتاريخ 20 / 2 / 1428 هـ وأصبح المركز إحدى مراكز التميز البحثي للنخيل والتمور بجامعة الملك فيصل قام المركز بعقد عدد من اللقاءات وورش العمل مع المسؤولين بالجامعة، وأعضاء هيئة التدريس، والباحثين وبعض الخبراء من داخل وخارج المملكة، وعدد من المزارعين والمهتمين بقطاع النخيل والتمور لتحديد التوجهات المستقبلية للمركز بما يتماشى مع الخطط التنموية للمملكة. كما تم تشكيل مجلس إدارة للمركز يضم في عضويته عدد من المسؤولين والعاملين في قطاع النخيل والتمور من القطاعين العام والخاص إضافة إلى هيئة استشارية علمية تضم في عضويتها خبراء وعلماء من خارج وداخل المملكة. المركز يسعى في توجيه جهوده إلى تحقيق عدد من الأهداف من أهمها العمل على ترشيد مياه الري المستخدمة في زراعة النخيل وتطبيق إدارات متكاملة لمقاومة سوسة النخيل الحمراء وتحسين إنتاجية النخيل وجودة التمور وإنتاج تمور خالية من الملوثات، والعمل على إيجاد طرق وتقنيات جديدة لمنتجات تمور ذات قيمة مضافة والعمل على إيجاد أسواق جديدة لمنتجات التمور.



مركز التميز البحثي

في النخيل والتمور

النشر العلمي

I- Papers in peer reviewed journals

Alhaider, I. A., Mohamed M. E., Ahmed, K. K. M. and Kumar, A. H. S. (2017). Date Palm (*Phoenix dactylifera*) Fruits as a Potential Cardioprotective Agent: The Role of Circulating Progenitor Cells. *Frontiers in Pharmacology*. doi: 10.3389/fphar.2017.00592

Mohammed, M. E. A., El-Shafie, H. A. F. and Al-Hajhoj, M. BR. (2017). Design of an automated solar-powered light trap for monitoring and mass trapping of major date palm pests (Ecology, Environment and Conservation) in press.

El-Shafie, H. A. F. and Faleiro, J. R. (2017). Optimizing components of Pheromone-baited trap for the management of Red palm weevil, *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae) in date palm agroecosystem. *Journal of Plant Diseases and Protection*. DOI 10.1007/s41348-017-0097-5

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El-Habbab, M.S., Al-Mulhim F., Al-Eid, S., Abo El-Saad M., Aljassas, F., Sallam, A. and Ghazzawy H. (2017). Assessment of Post-Harvest Loss and Waste for Date Palms in the Kingdom of Saudi Arabia. *International Journal of Environmental & Agriculture Research*, 3 (6): 1-11.

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- Al-Eid, M.; M. Abo-El-Saad, Y. Al-Faiyz, M. El-garawany and F. Al-Sabiey (2007). Persistence of some insecticides in dry sandy and dry loamy soils. *European J. Scientific Research*, 16:180-185.

II. Seminar / Workshop Presentations

- Abo-El-Saad M.M., Elshafie H.A., Faleiro J.R and Bou-Khowh I.A. 2011. Toxicity evaluation of certain insecticides against the red palm weevil, *Rhynchophorus ferrugineus* (Olivier), under laboratory conditions. Abstract # 0850 in Section Symposium "Can Entomologists Stop The Threat of Invasive Palm Weevils, (*Rhynchophorus*) spp.?". Entomological Society of America Meeting 2011, November 13-16, 2011 in Reno, Nevada, USA.
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Al-Eid, S.M, and M.S. El-Faki, 2011. Date Palm Research Center of Excellence: A National Experience in Producing Scientific Research. A work paper prepared as a contribution to the: "Second Forum of Societal Partnership in Scientific Research", dedicated for: "The Industry of Scientific Research in Saudi Arabia", Islamic University of Imam Mohammed Bin Saud, during: 22-23/6/1432 (26-27/4/2011), in: Riyadh, KSA.

El-Shafie H.A.F., Abo-El-Saad M.M., Faleiro J.R. and I. Bou-Khowh 2011. Rearing of the Red Palm Weevil *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae) on Meridic Diet. Abstract accepted for presentation at the "International Symposium of Date Palm- Sympada 2011" Organised by Science and Technology University Houari Boumediene , Algeria in collaboration with INRA , Algiers from 13-14 November, 2011

El-Shafie, H. A.F., J.R. Faleiro, M.M. Abo-El-Saad and S.M. Aleid (2013). Optimizing a meridic diet for laboratory rearing of red palm weevil, *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae). International Conference on Research and Management Strategies for the Red Palm Weevil, King Abdullah University of Science and Technology, Thuwal, Kingdom of Saudi Arabia, 16-18 March 2013.

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Hidayath KP, Saleh M Al-Turki, Dhurendra Singh, Muralidharan CM (2011). Date palm (*Phoenix dactylifera* L.) genomics and genetic engineering. *International Conference on Genomics and Proteomics*. 14-16 July. National Institute of Technology, Calicut.

Mohamoud M. Abo-El-Saad, H. A. F. Elshafie, I. Bou-khowh and R. Al-Obaid (2013). Acceleration of AIP hydrolysis as an alternative to methyl bromide for controlling *Ephestia cautella* (Walker): A trial in Al-

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III- Book chapters

- Abo-El-Saad M.M., Elshafie H.A (2012). Date Insect Pests in storehouses and Their Management. In: Dates Production, Postharvest Physiology, Processing, and Nutrition (eds.Siddiq M., Abdelkader A. Eid, S.). John-Wiley Publishing Co., Ames, Iowa, USA (in press)
- Aleid SM. (2012). Dates Production, Storage and Processing. In: Tropical and Subtropical Fruit Processing and Packaging, Siddiq M. (editor). John-Wiley Punishing Co., Ames, Iowa, USA.
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IV-Booklet

Elshafie, H.A., Sallam, A.M., Abo- Elsaad, M. and Faleiro, J.R. (2012). Integrated management of red palm weevil in date palm. King Faisal University press, 2846-e. Kingdom of Saudi Arabia (In Arabic).

V. Patents (Filing and Pending)

Title of invention: Botanical insecticide against red palm weevil-Gulf Cooperation Council (GCC) Patent Office.

Title of invention: Method of producing Baker's Yeast - US Patent and Trademark Office.

Repellent for the red palm weevil, *R. ferrugineus* (in the filing process with Chem Tica international company, Costa Rica.

Title of invention : System and Method for Sorting Fruit.