

פרטים אישיים

שם: אדית יוסף

תאריך לידה: 28.8.1950

ת.ז. 011160587

כתובת: רחובות, רח' שוהם 53

מצב משפחתי: נשואה + 2

עליה לישראל: 1978

דוא"ל: edithyos@volcani.agri.gov.il טל. 050-6220432

השכלה

1999 תואר Ph.D. – אוניברסיטה העברית בירושלים.

נושא התזה " אפיון הליגנין ונגזרותיו בקש חיטה; היבטים כימיים ותזונתיים" בהדרכה של פרופ' דניאל בן-גדליה – מינהל המחקר החקלאי.

1991-1992 השתלמות באוניברסיטה Gottingen-Germany במחלקה של פרופ' הוטרמן בנושא אנליטיקה של הליגנין ונגזרותיו.

1975 תואר שני בכימיה אורגנית – תעודת הצטיינות – מאוניברסיטת יאסי - רומניה.

נושא עבודת הגמר: "סינתזה והאקטיביות של דריבאטים מקבוצת תרכובות פנוליות של בנזו-פוראן".

1973 תואר ראשון בכימיה – תעודת הצטיינות- מאוניברסיטת יאסי – רומניה.

השתלמות פוסט דוקטורט

2000 אוניברסיטת USA Wisconsin-Madison - השתלמות במחלקה למיקרוביולוגיה וטוקסיקולוגיה של המזון בנושא אנליטיקה של ליפידים.

2001 העמדת שיטה לאנליטיקה של איזומרים של חומצות שומן בחלב ובבשר במסגרת היחידה המטבולית במינהל המחקר החקלאי.

תפקידים מקצועיים וציבוריים:

2007-2008 הממונה על מעמד האישה במינהל המחקר החקלאי.

2001-2008 רפרנטית המכון לחקר בע"ח לבחינת תיקי מהנדסים המוגשים לקידום.

2002-2005 רפרנטית למאמרים מדעיים עבור כתבי העת הבינלאומיים: Journal of Agricultural and Food Chemistry.

1979 – 2008 עובדת במינהל המחקר החקלאי בדירוג מהנדסי מחקר במכון לחקר בע"ח, תחילה ביחידה המטבולית, ובהמשך במחלקה לבקר וגנטיקה, בתחום הזנה ומזונות של מעלי גרה. יוזמת ומובילה פרויקטים ומפרסמת מאמרים מדעיים באופן עצמאי. מדריכה של תלמידים (נער שוחר מדע) לביוטופים ועבודות מחקר.

תחומי הפעילויות המחקרית העיקריים שאותם הובלת:

1. מבחני איכות ובחינת הערך התזונתי של זני צמחי מספוא חדשים.
2. הגדלת ריכוז סלניום בחלב בעזרת מניפולציות תזונתיות.
3. חקר הליגנין וניגזרותיו, כמכשול ביוגרדציה העיקרי בעיכול דופן התא הצמחי של ליגנוצלולוזות.
4. אינטרקציה בין ייצור מספוא גס ואיכות הסביבה - השפעת השקיה במי קולחים.

Publications in Reviewed Journals (2000-2010)

22. **Yosef, E.**, and Ben-Ghedalia, D., (2000).
Changes in thioacidolysis products of lignin in wheat straw as affected by SO₂ treatment and passage through the gastro-intestine of sheep. *Anim. Feed Sci. Technol.*, 80: 55-65.
23. **Yosef E.** and Ben-Ghedalia, D., (2000).
Changes in the alkaline-labile phenolic compounds of wheat straw cell walls as affected SO₂ treatment and passage through the gastro-intestine of sheep. *Anim. Feed Sci. Technol.*, 83:115-126.
24. Miron, J., **Yosef E.** and Ben-Ghedalia, D., (2001).
Composition and in vitro digestibility of monosaccharide constituents of selected by-product feeds. *J. Agric. Food Chem.*, 49:2322-2326.
25. Ben-Ghedalia, D., Solomon, R., Miron, J., **Yosef, E.**, Zomberg, Z., Zukerman, E., Greenberg, A. and Kipnis, T., (2001).
Effect of Water Salinity on the composition and in vitro digestibility of winter-annual ryegrass grown in the Arava desert. *Anim. Feed Sci. Technol.*, 91:139-147.
26. Miron, J. **Yosef, E.**, Ben-Ghedalia, D., Chase, L.E., Bauman, D.E. and Solomon, R., (2002).
Digestibility by Dairy Cows of Monosaccharide constituents in total mixed rations containing citrus pulp. *J. Dairy Sci.*, 85:89-94.
27. Miron, J. **Yosef, E.**, E. Maltz. and Halachmi, I., (2003).
Soybean hulls as replacement of forage neutral detergent fiber in total mixed rations of lactating cows. *Anim. Feed. Sci. Technol.*, 106: 21-28.
28. Miron, J. **Yosef, E.**, Nikbahat, M., Zenou A., Maltz, E. and Halachmi, I., (2004).
Feeding Behavior And Performance of Dairy Cows Fed Pelleted Non-roughage Fiber Byproducts. *J. Dairy Sci.* 87:1372-1379.
29. Solomon, R., Adin, G., Mabjeesh, S., Nikbahat, M., **Yosef, E.**, Ben-Ghedalia, D. and Miron, J., (2005).
Digestibility in lactating cows of diets containing whole pima treated with sodium hydroxide versus akala or pima cottonseed. *J. Dairy Sci.* 88: 1745-1751.
30. Miron, J., Zuckerman, E., Sadeh, D., Adin, G., Nikbahat, M., **Yosef, E.**, Ben-Ghedalia, D., Carmi, A., Kipnis, T. and Solomom, R., (2005).
Yield, composition and in vitro digestibility of new forage sorghum varieties and their ensilage characteristics. *Anim. Feed. Sci. Technol.* 120: 17-32.
31. Carmi, A., Umiel, N., Haghiladi, A., **Yosef, E.**, Ben-Ghedalia, D. and Miron, J., (2005).

- Field performance and nutritive value of a new forage sorghum variety 'Pnina' recently developed in Israel. *J. Sci. Food Agric.*85: 2567-2573.
32. Miron, J., Solomom, R., Adin, G., Nir, U., Nikbahat, M., **Yosef, E.**, Carmi, A., Weinberg, Z., Kipnis, T., Zuckerman, E. and Ben-Ghedalia, D., (2006). Effects of harvest stage and re-growth on yield, composition, ensilage and *in vitro* digestibility of new forage sorghum varieties. *J. Sci. Food Agric.* 86:140-147.
 33. Carmi, A., Aharoni, Y., Edelstein, M., Umiel, N., Haghiladi, A., **Yosef, E.**, Nikbachat, M., Zenou, A. and Miron, J., (2006). Effect of irrigation and plant density on yield, composition and *in vitro* digestibility of a new forage sorghum variety, Tal, at two maturity stages. *Anim. Feed. Sci. Technol.* 131: 120-132
 34. Miron, J., Zukerman, E., Adin, G., Solomon, R., Shoshani, E., Nikbachat, M., **Yosef, E.**, Zenou, A., Weinberg, Z.G., Chen, Y., Halachmi, I. and Ben-Ghedalia, D., (2007). Composition of two forage sorghum varieties with corn and the effect of feeding their silages on eating behavior and lactation performance of dairy cows. *Anim. Feed. Sci. Technol.* 131: 120-132
 35. Miron, J., Zukerman, E., Adin, G., Nikbachat, M., **Yosef, E.**, Zenou, A., Weinberg, Z.G., Solomon, R., and Ben-Ghedalia, D., (2007). Field yield, ensiling properties and digestibility by sheep of silages from two forage sorghum varieties. *Anim. Feed Sci. Technol.*, 136:203-215
 36. Weinberg, Z.G., Shatz, O., Chen, Y., **Yosef, E.**, Nikbahat, M., Ben-Ghedalia, D. and Miron, J., (2008). The effect of lactic acid bacteria silage inoculants on *in vitro* digestibility of wheat and corn silages. *J. Dairy Sci.*, 90: 4754-4762.
 37. Adin, G., Solomon, R., Shoshani, E., Flamenbaum, I., Nikbachat, M., **Yosef, E.**, Zenou, A., Halachmi, I., Shamay, A., Brosh, A., Mabeesh, S.Y. and Miron, J., (2008). Heat production, eating behavior and milk yield of lactating cows fed two rations differing in roughage content and digestibility under heat load conditions. *Livestock Science, Livestock Science*145-153 :(1-3) 119 .
 38. **Yosef, E.**, Carmi, A. Nikbachat, M., Zenou, A., Umiel, N. and Miron, J., (2008). Chemical and morphological characteristics and crop yield of tall versus low-type varieties of forage sorghum, grown for summer and subsequent fall harvests under two irrigation levels, and *in vivo* digestibility by sheep of their silages. *Anim. Feed Sci. Technol.*1-11 :152 .
 39. Adin G., A. Gelman, R. Solomon, I. Flamenbaum, M. Nikbachat, **E. Yosef**, A. Zenou, A. Shamay, Y. Fourermann, S. J. Mabeesh and J. Miron. 2009. Effects of cooling dry cows under heat load conditions on physiological parameters, intake and milk production after parturition. *Livestock Sci.* 124: 189-195.
 40. Adin, G., Solomon, R., Nikbachat, M., Zenou, A., **Yosef, E.**, Brosh, A., Shabtai, A., Mabeesh, S.J., Halachmi, I. and Miron, J. (2009). Effects of feeding cows in early lactation diets differing in roughage-neutral detergent fiber content on intake, behavior, rumination and milk production. *J. Dairy Sci.* 92: 3364-3373.
 41. Miron, J., Adin, G., Solomon, R., Nikbachat, M., Zenou, A., **Yosef, E.**, Brosh, A., Shabtai, A., Asher, A., Gacitua, H., Kaim, M., Yaacobi, S., Partnik, Y. and Mabeesh, S.J. (2010). Effects of feeding cows in early lactation with soy hulls as a partial forage replacement on heat production, retained energy and performance. *Anim. Feed. Sci. Technol.* 155: 9-17.

Abstracts and Posters presented in International Meetings

4. Miron, J., **Yosef E.**, Maltz, E., and Ben-Ghedalia, D., (2002). Soybean hulls for replacing corn silage in total mixed rations of lactating cows. *J. Dairy Sci.*, 85: (Suppl. 1) abstract 273 p:69. ADSA-ASAS-CSAS Joint Annual Meeting, Quebec, Canada..
5. Miron, J., **Yosef, E.**, Nikbachat, M. Maltz, E. and Ben-Ghedalia, D., (2003). Soy hulls as barley grain replacement in pellets fed to lactating cows; effect on digestion and milk performance. *J. Dairy Sci.*, 86: (Suppl. 1). Abstract no.M161. ADSA-ASAS-AMPA Joint Annual Meeting, Phoenix, Arizona, USA. poster 104364.
6. Miron, J., **Yosef, E.**, Nikbachat, M. Maltz, E., Halachmi, I. and Ben-Ghedalia, D., (2003). Poster Intake and milking performance of high producing cows fed starchy vs primary cell wall rich pelleted additives. *J. Dairy Sci.*, 86: (Suppl. 1) poster 1000251. ADSA-ASAS-AMPA Joint Annual Meeting, Phoenix, Arizona, USA. Abstract no. M173.
7. Carmi, A., Umiel, N., Haghiladi, A., **Yosef, E.**, Ben-Ghedalia, D. and Miron, J., (2004). Field performance and nutritive value of a new forage sorghum variety "Pnina" recently developed in Israel. Poster *The Annual Conference of the European Association of Animal production (EAAP)*, Slovenia, September 2004.
8. Carmi, A., Umiel, N., Haghiladi A., **Yosef, E.**, Ben-Ghedalia, D. and Miron, J., (2004). Multi season production of high quality forage sorghum for ruminants. Poster *The Annual Conference of the European Association of Animal production (EAAP)*, Slovenia, September 2004.
9. **Yosef, E.**, Miron, J., Zukermann, E., Nikbahat, M. and Ben-Ghedalia, D. (2007). Composition and in vitro digestibility of some Israeli agricultural lignocelluloses. Poster *The Annual Conference of the European Association of Animal production (EAAP)*, Ireland Dublin August 2007.
10. **Yosef, E.**, Miron, J., Zukermann, E., Nikbahat, M. and Ben-Ghedalia, D. (2009). The effect of sewage irrigation on mineral composition and in-vitro digestibility of two corn forage varieties. Poster 31292, ADSA-CSAS- ASAS Joint Annual Meeting. Montreal, Canada Abstract no. W131.
11. **Yosef, E.**, Miron, J., Zukermann, E., Nikbahat, M. and Ben-Ghedalia, D. (2009). The effect of sewage irrigation on mineral composition and in-vitro digestibility of forage sorghum. Poster M382, ADSA- PSA- CSAS- ASAS Joint Annual Meeting, Denver, USA, Abstract no. 37817.

Articles in National Journals (in Hebrew)

16. Ben-Ghedalia, D., **Yosef, E.**, Miron, J., Shemesh, M., Shore, L., Soback, S., Klinger, Y., Trachinsky, C., Solomon, R. and Zukerman, E., (2002). The effect of forage irrigation by sewage water on dairy milk composition; Dairy barns survey. *Meshek Habakar Vehachalav*, 296:25.
17. Ben-Ghedalia, D., **Yosef. E.** and Miron, J., (2002).

- CLA in Israel; Composition of fatty acids in milk of Israeli dairy cows and other ruminants. *Meshek Habakar Vehachalav, Heker Umaas*, 24:11.
18. Miron, J., **Yosef, E.**, Maltz, E. and Ben-Ghedalia, D., (2002). Primary cell walls as a component in TMR of dairy cows; Effect on milk yield and CLA production. *Meshek Habakar Vehachalav, Heker Umaas*, 24:17.
 19. Ben-Ghedalia, D., **Yosef, E.**, Miron, J., Nikbachat, M., Zenou, A. and Zukerman, E., (2003). Composition and digestion of forages irrigated by recycled water. *Meshek Habakar Vehachalav*, 305:21-23.
 20. **Yosef, E.**, Ben-Ghedalia, D., Miron, J. and Zukerman, E., (2003). Quality survey of summer forages. *Gan Ssadeh and Meshek*, 5: 15-18.
 21. Miron, J., **Yosef, E.**, Nikbachat, M., Ben-Ghedalia, D., Solomon, R., Adin, G., Carmi, A., Kipnis, T., Weinberg, Z., Nir, U. and Zukerman, E., (2004). Effect of maturity harvest stages on yield and quality of new sorghum forages varieties. *Gan Ssadeh and Meshek*, Vol 3: 19-27.
 22. **Yosef, E.**, Miron, J., Nikbachat, M., Zukerman, E. and Ben-Ghedalia, D., (2004). Quality survey of dicotyledons forages. *Gan Ssadeh and Meshek*, 3: 13-18.
 23. **Yosef, E.**, Ben-Ghedalia, D. and Zukerman, E., (2004). Nutritional values of dicotyledons forages varieties. *Meshek Habakar Vehachalav*, 309:28-30.
 24. Ben-Ghedalia, D., **Yosef, E.** and Nikbachat, M., (2004). Milk in healthy trans. *Meshek Habakar Vehachalav*, 309: 32-36.
 25. Carmi, A., Selah, E., Umiel N., Hagiladi, A., **Yosef, E.**, Ben-Ghedalia, D. and Miron, J., (2004). Quality of new sorghum silage variety "Pnina". *Meshek Habakar Vehachalav*, 309: 78-80.
 26. Carmi, A., Umiel, N., Hagiladi, A., **Yosef, E.**, Ben-Ghedalia, D., Selah, E. and Miron, J., (2004). Characterization and nutritive value of a new sorghum variety "Pnina" harvested at two maturity stages. *Gan Ssadeh and Meshek*, 5: 15-21.
 27. Ben-Ghedalia, D. and **Yosef, E.**, (2004). Advantages of CLA in milk. *Galileo*, 71: 63-66.
 28. **Yosef, E.**, Miron, J., Nir, U., Zukerman, E. and Ben-Ghedalia, D., (2004). Quality of forage wheat varieties. *Gan Ssadeh and Meshek*, 12: 8-15.
 29. Miron, J., Zukerman, E., **Yosef, E.**, Nikbachat, M., Ben-Ghedalia, D., Sadeh, D., Shteinberg, Y., Levy, U., Adin, G., Solomon, R. and Kipnis, T., (2004). Yield and quality of sorghum silages grown in varieties examination, Ram-On 2003. *Gan Sadeh and Meshek*, Vol. 6: 21-27.
 30. **Yosef, E.**, Miron, J., Nikbachat, Ben-Ghedalia, D. and M., Zukerman, E. (2004). Nutritional values of forage wheat varieties. (2004) *Sikum Nisuim Sade and Tatzpiot*, 2004:122-134.
 31. Zenu, A., **Yosef, E.**, Ben-Ghedalia, D., Leibovici, H., Karaso, Y., Kababia, D., Aharoni, D. and Miron, J., (2005). Increasing solids content in sheep milk by nutritional manipulation. *Hanoked*, 42: 19-24.
 32. Ben-Ghedalia, D., Miron, J., **Yosef, E.**, Nikbachat, M., Zenu, A., Weinberg, Z. G., Solomon, R., Zukermann, E., Adin, G., (2006). Nutritional values of Israeli wheat silages in last decennium of third millennium. *Gan Sadeh and Meshek*, :5-9.

33. Adin, G., Solomon, R., Flamenbaum, I., Shoshani, E., Shamay, A., Nikbachat, M., Zenou, A., **Yosef E.**, Brosh, A., Ben-Ghedalia D. and Miron J., (2006).
Effect of cooling and feeding with primary cell walls on cows performance during summer. . *Meshek Habakar Vehachalav* 4:58-62.
34. **Yosef, E.** (2007). Straw varieties- Composition and nutritional values. *Meshek Habakar Vehachalav*, 331: 88-90.
35. Ben-Ghedalia, D., Froind, G., **Yosef, E.**, Nikbahat, M. & Bruner, M. 2007. Nutritional value of poultry litter silages for sheep and neutralization of copper problem. *Hanoked*, 46:26-30.
36. Miron, J., Umiel, N., **Yosef, E.**, Nikbachat, M., Zenou, A., Aharoni, Y., Edelstein, M. and Carmi, A., (2007).
Effects of irrigation level on crop yield, composition and digestibility of the new forage sorghum variety 'Tal' in comparison with the commercial variety FS-5 under two harvest cycles. *Yevul See*, 25: 46-47.
37. **Yosef, E.**, Zukerman E. Miron, J., Nikbahat, M., and Ben-Ghedalia, D., (2009)
Influence sewage irrigation on grown corn forages. *Meshek Habakar Vehachalav* 340:101-103.
38. Miron, J., **Yosef, E.**, Nikbachat, M., Zenou, Yahacobi S., Portnik, Y., Brenner, S., Zukermann, E., and Solomon, R., (2009).
Use of fresh dairy barn manure for replacement of chemical fertilization in growing wheat hay. *Harefet Vehachalav*, 2009, 46-48.
39. **Yosef, E.**, Miron, J., Nikbahat, M., Ben-Ghedalia and D. Zukerman E, (2009).
The effect of sewage irrigation on nutritional value and mineral content of corn forages. *Nir Vetelem*, 17:21-31.
40. **Yosef, E.**, Miron, J., Nikbahat, M., Zenu, A., Zukerman E. and Ben-Ghedalia D. (2009). Influence sewage irrigation on nutritional value and mineral content of sorghum forage. *Yevul See*, 46:60-61.
41. Miron, J., Raviv, Y., Weinberg, Z., Kushnir, U., Naym, E., Bloch, A., **Yosef, E.**, Nikbachat, M., Zenou, Adin, G., Chen. Y., Yahacobi S., Portnik, Y., Nashaf, K. (2009). Sefalaria- new plant forage. *Meshek Habakar Vehachalav*, 346:70-72.

Special Publication of ARO

Yosef, E., Miron, J., Nikbachat, M., Zukerman, E. and .Ben-Ghedalia, D., (2007). Composition and nutritional values of various straws.

Abstracts published in National Meetings

14. **Yosef, E.**, Ben-Ghedalia, D. and Miron, J., (2000).
The role of cinamic acids in the digestion of cell walls. *The 11th Annual Meeting of Ruminant Science*, Zichron Yaakov, Israel, February 1999.
15. **Yosef, E.**, Ben-Ghedalia, D., Miron, J., and Solomon, R., (2000).
Mineral compositions of concentrate ruminant feeds in Israel. *The 12th Annual Meeting of Ruminant Science*, Zichron Yaakov, Israel, February 2000.
16. **Yosef, E.**, Miron, J., Zomberg, Z. and Ben-Ghedalia, D., (2001).
Composition and digestibility of ryegrass grown on two different sources of brackish water. *The 13th Annual Meeting of Ruminant Science*, Zichron Yaakov, Israel, February 2001.
17. Miron, J., **Yosef, E.**, Solomon, R. and Ben-Ghedalia,D., (2001).

- The nutritive value of industrial by-products rich with primary cell-walls. *The 13th Annual Meeting of Ruminant Science*, Zichron Yaakov, Israel, February 2001.
18. Ben-Ghedalia, D., Miron, J., **Yosef, E.**, and Jacobovitch, J., (2001).
The nutritive value of silages made of wheat, oat or corn harvested at the blooming stage. *The 13th Annual Meeting of Ruminant Science*, Zichron Yaakov, Israel, February 2001.
 19. Miron, J., **Yosef, E.**, Maltz, E. and Ben-Ghedalia, D.,(2002).
Primary cell walls for replacement of forage NDF in TMR of lactating cows; Performance and milk fatty acids composition including CLA. *The 14th Annual Meeting of Ruminant Science*, Ashkelon, Israel, February 2002.
 20. **Yosef, E.**, Ben-Ghedalia, D. and Miron, J., (2002).
Survey of CLA content in Israeli milk. *The 14th Annual Meeting of Ruminant Science*, Ashkelon, Israel, February 2002.
 21. Ben-Ghedalia, D., **Yosef, E.** and Miron, J., (2002).
Increasing the content of CLA in Israeli milk; limits and prospects. *The 14th Annual Meeting of Ruminant Science*, Ashkelon, Israel, February 2002.
 22. Ben-Ghedalia, D., **Yosef, E.**, Miron, J., Shemesh, M., Shore, L., Soback, S., Klinger, Y., Trachinsky, C., Solomon, R. and Zukerman, E., (2002).
The effect of forage irrigation by brackish water on dairy milk composition; Dairy barns survey. *The 14th Annual Meeting of Ruminant Science*, Ashkelon, Israel, February 2002.
 23. Solomon, R., Miron, J., **Yosef, E.**, Chase, L.E., Bauman D.E. and Ben-Ghedalia, D., (2002).
Citrus pulp as replacement for corn grains in TMR of dairy cows; Digestibility of monosaccharide constituents. *The 14th Annual Meeting of Ruminant Science*, Ashkelon, Israel, February 2002.
 24. Miron J., **Yosef, E.**, Nikbachat, M., Maltz, E. and Ben-Ghedalia, D., (2003).
Soy hulls as barley grain replacement in pellets fed to lactating cows; effect on digestion and milk performance. *The 15th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2003.
 25. **Yosef, E.**, Miron, J. and Ben-Ghedalia, D., (2003).
Quality examination of summer forages grown in Israel. *The 15th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2003.
 26. Miron, J., **Yosef, E.**, Nikbachat, M., Ben-Ghedalia, D., Solomon, R., Adin, G., Carmi, A., Kipnis, T., Wienberg, Z., Nir, U. and Zukerman, E., (2004).
Yield and quality of sorghum silages grown in two cycles of varieties examination in Timorim. *The 16th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2004.
 27. Miron, J., Zukerman, E., **Yosef, E.**, Nikbachat, M., Ben-Ghedalia, D., Sadeh, D., Shteinberg, Y., Levy, U., Adin, G., Solomon R. and Kipnis, T., (2004).
Yield and quality of sorghum silages grown in varieties examination Ram-On 2003. *The 16th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2004.
 28. Carmi, A., Umiel, N., Hagiladi, A., **Yosef, E.**, Ben-Ghedalia, D., Selah, E. and Miron, J., (2004).
Characterization and nutritive value of a new sorghum variety "Pnina" bred in Israel. *The 16th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2004.

29. Miron J., **Yosef, E.**, Nikbachat, M., Maltz, E., Zenou, A. Ben-Ghedalia, D. and Halachmi, I., (2004).
Alternative feeding regime for robotic barns. *The 16th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2004.
30. **Yosef, E.**, Miron J., Nikbachat, M., Zukerman, E. and Ben-Ghedalia, D., (2004).
Nutritive quality of legume forage varieties. *The 16th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2004.
31. Solomon, R., Nikbachat, M., **Yosef, E.**, Ben-Ghedalia, D., Adin, G., Mavjish, S. and Miron, J., (2004).
Digestibility in dairy cows of TMR containing either Pima or Akala cotton grains. *The 16th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2004.
32. Ben-Ghedalia, D., **Yosef, E.** and Nikbachat, M., (2004).
Milk in trans of healthy. *The 16th Annual Meeting of Ruminant Science*, Jerusalem, Israel, May 2004.
33. Zenu, A., **Yosef, E.**, Ben-Ghedalia, D., Leibovici, H., Karaso, Y., Kababia, D., Aharoni, D. and Miron, J.,(2005).
Increasing solids content in sheep milk by nutritional manipulation. *The Annual Meeting of Small Ruminant Science, Nordia*, Israel.
34. **Yosef, E.**, Miron J., Nikbachat, M., Nir, U., Zukerman, E. and Ben-Ghedalia, D., (2005).
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Competitive Grants as principal investigator

1. 2001: Cattle Board grant –forage section (1year); Title: "Survey the quality of summer forages" (1 year).
2. 2003: Cattle Board grant (3year); Title: "Nutritional quality test of forages" (3 years).
3. 2007: Cattle Board grant (3year); Title: "Increasing milk selenium concentration by nutritional manipulation" (3 years).
4. 2007: Cattle Board grant (3year); Title: "The effect of sewage irrigation on minerals content and nutritional value of forage crops" (3 years).
5. 2010: Cattle Board grant (3year); Title: "Improvement the nutritional value of lignocelluloses by chemical and biological treatments" (3 years).