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**FRAGILITY OF GRANULED COMBINED FEEDS**

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**References**

1. Barel S. . (2013). Review of the needs and composition of the system of checking the safety of feed and harmful substances in the Israeli VSAH. *Beth Dagan: Israel Veterinary Service and Animal Healt.;* 154 p.

2. Drobat V.I. . (1998). Handbook on bakery production technology Kyiv: Ruslana . 415 p.

3. . Dudarev I.I., Bondar S.N., Kudashev S.M. (2006). Analysis of the mixing process in continuous devices. *Agrarian Bulletin of the Black Sea Region,* (34),Р. 129–132.

4. Dudarev I.I. . (2012). Fodder base and animal fattening. *Agrarian Bulletin of the Black Sea Region,* (63),Р. 134–140.

5.Dudarev I.I. V.M. Kiriyak. (2018). Manufacturing technology and quality assessment of a mixture of compound feed components. *Agrarian Bulletin of the Black Sea Region,* (68),Р. 114–121.

6. Kaminsky V.D., Babych M.B. (2000). Processing and storage of agricultural products. Odesa: Aspect. 459 p.

7. Cooksley J. (2010) Feed Compounder Processing Aid Productivity and Efficiency. Feed Compounder (May 2010): Р.1 – 28.

8. Mankivskyi A.Ya. (2002) Technology of storage and processing of agricultural products. Nizhin: VKP "Aspect".253 p.

9. Maul A.G., Hannam A.L., Davis J.V. (2007). *Chemical Contaminants in Fish Feed Used in Federal Salmon Farms in the United States.* Нemosphere; Vol. 67(7):1308-1315. DOI: 10.1.1.492.9499

10. Müller-Harvey I. (2004). Modern methods of forage analysis. In: *Assessment of quality and safety of animal feed.* Rome: FAO; P. 1-34.