



Prioritization Stability Pillars of rice cultivation system in Mazandaran Province

Hadi Moumenihelali¹, Amir Ahmadpour², Mehdi Alikhani³

¹ M.Sc. Agricultural Extension and Education, and Member of Young Researchers
Club, Sari Branch, Islamic Azad University, Sari, Iran,

² Assistant Professor Agricultural Extension and Education Department, Sari
Branch, Islamic Azad University, Sari, Iran,

³ M.Sc. Agricultural Extension and Education, Sari Branch, Islamic Azad University,
Sari, Iran

hadi_moumeni@yahoo.com

Agricultural sustainability is a multi dimensional concept that involves different dimensions. In this respect, the main objective of this study is to identify and prioritize the pillars of the sustainability of rice cultivation. This study is a descriptive research and practical. The population of the present study is all those specialists who have enough data about ways of stability and rice cultivars that they were identified and studied through Non-probability sampling (n=16). To determine the validity of the questionnaire, face and content validity was used, and, to assess the reliability, inconsistency coefficient was used. In order to achieve the main objective the technique of the Analytic Hierarchy Process (AHP) was used. The Expert Choice (EC) 2000 software was used to analyze the data in this part. Prioritization stability dimension of rice cultivation showed that the stability pillars of economic (32.0%), ecological (23.9%) and technical (21.1%) are more important than the stability pillars of social (14.8) and political (8.3%).

Key Words: stability dimension, Rice, Analytical Hierarchy Process