

Accepted Manuscript

Title: Use of Jerusalem artichoke tops silage to replace corn silage in sheep diet

Authors: M. Razmkhah, J. Rezaei, H. Fazaeli

PII: S0377-8401(16)30671-X

DOI: <http://dx.doi.org/doi:10.1016/j.anifeedsci.2017.04.019>

Reference: ANIFEE 13771



To appear in: *Animal Feed Science and Technology*

Received date: 15-9-2016

Revised date: 14-4-2017

Accepted date: 20-4-2017

Please cite this article as: Razmkhah, M., Rezaei, J., Fazaeli, H., Use of Jerusalem artichoke tops silage to replace corn silage in sheep diet. *Animal Feed Science and Technology* <http://dx.doi.org/10.1016/j.anifeedsci.2017.04.019>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Use of Jerusalem artichoke tops silage to replace corn silage in sheep diet

M. Razmkhah^a, J. Rezaei^{a,*}, H. Fazaeli^b

^a *Department of Animal Science, Faculty of Agriculture, Tarbiat Modares University, P.O.*

Box 14115-336, Tehran, Iran

^b *Animal Science Research Institute of Iran, Agricultural Research, Education and*

Extension Organization (AREEO), Karaj, Iran

* Corresponding author. Tel.: +98 21 48292364; Fax: +98 21 48292200.

E-mail address: rezaei.j@modares.ac.ir (J. Rezaei).

Highlights

- The fermentation quality of Jerusalem artichoke tops silage (JATS) was good.
- Feeding JATS, up to 540 g/kg diet DM, was possible in sheep.
- The use of JATS did not change feed intake and diet digestibility.
- With offering JATS, blood urea-N of sheep increased slightly.
- JATS could be used as a replacement for corn silage in certain circumstances.

ABSTRACT

This study was performed to assess the effects of dietary substitution of different levels of Jerusalem artichoke (*Helianthus tuberosus*) tops silage (JATS) for corn silage (CS) on feed intake, digestibility, rumen parameters, blood metabolites, microbial nitrogen

Download English Version:

<https://daneshyari.com/en/article/5538914>

Download Persian Version:

<https://daneshyari.com/article/5538914>

[Daneshyari.com](https://daneshyari.com)