

1. Record Nr.	UNINA9910462138003321
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Titolo	Accelerated reclamation of alkaline argillaceous soils of Azerbaijan [[electronic resource] /] / Mukhtar Abduyev ; proofreaders, Angelika Dawson, Stewart Colten
Pubbl/distr/stampa	Reading, England, U.K., : Ithaca Press, 2012
ISBN	0-86372-504-X 1-283-53877-6 9786613851222 0-86372-490-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (241 p.)
Collana	Soil science regional studies
Disciplina	631.494791
Soggetti	Clay soils - Azerbaijan Clay - Azerbaijan Soils - Azerbaijan Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The book was first published in 1977 in Russian."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover; Contents; INTRODUCTION; CHAPTER 1; Natural and soil reclamation features of plain territories; Peculiarities of soils of diluvial and diluvial-proluvial plains; Properties of soils of river debris cones; Properties of alluvial plains soils; CHAPTER 2; The status of upgrading of saline soils of the lowlands of Azerbaijan; CHAPTER 3; Soil-hydrological conditions of areas of field experiments in reclamation of saline soils having low salt removal efficiency; CHAPTER 4; Leaching of soils by water; CHAPTER 5; Leaching of soils with application of gypsum Leaching of soils with application of 10 tonnes/hectare gypsum Leaching of soils with application of 20 tonnes/hectare gypsum Leaching of soils with application of 40 tonnes/hectare gypsum; CHAPTER 6; Leaching of soils with joint application of gypsum and manure; Leaching of soils with application of 10 tonnes/hectare gypsum and 40 tonnes/hectare manure; Leaching of soils with application of 15 tonnes/hectare gypsum and 40 tonnes/hectare manure; Leaching of soils with application of 20 tonnes/hectare

gypsum and 40 tonnes/hectare manure; CHAPTER 7

Leaching of soils with application of sulphuric acid; Leaching of soils with application of 10 tonnes/hectare sulphuric acid; Leaching of soils with application of 20 tonnes/hectare sulphuric acid; Leaching of soils with application of 30 tonnes/hectare sulphuric acid; CHAPTER 8; Leaching of soils with application of organic-gypsum mixture; Leaching of soils with application of 10 tonnes/hectare organic-gypsum mixture; Leaching of soils with application of 20 tonnes/hectare organic-gypsum mixture; Leaching of soils with application of 40 tonnes/hectare organic-gypsum mixture; CHAPTER 9; Leaching of soils with application of organic-mineral acidifier; Leaching of soils with application of 10 tonnes/hectare organic-mineral acidifier; Leaching of soils with application of 20 tonnes/hectare organic-mineral acidifier; Leaching of soils with application of 40 tonnes/hectare organic-mineral acidifier; CHAPTER 10; Recommendations for increasing the effectiveness of land reclamation methods for saline soils having low salt removal efficiency; BIBLIOGRAPHY; APPENDIX

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Sommario/riassunto

In his Accelerated Reclamation of Alkaline Argillaceous Soils of Azerbaijan, Professor Mukhtar Abduyev describes the tackling of a long-established problem which had enormous implications for Azerbaijan's security of food supply. The task was to find more efficient methods of reclaiming the saline soils that covered more than 60% of the republic's lowlands - some 2.5 million hectares were resistant to improvement. Existing methods of reclamation involved vast amounts of water for leaching and the construction of extensive drainage systems; these methods could take up to 10 years to become effective.

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