Phs+Ths WeH+Pk WeH+MgH WeH+Pk 1:16,500 LandVision

FARM SOIL MAP

Dougal & Di McIntosh

Tokomaru West Road, Brunswick



Taihape hill soil: An imperfectly drained soil commonly found on steep hill slopes (28-35 degraes) formed from weakly to moderately consolidated sandy sitistones.

Profile description: 20 cm moderately developed dark town fire multy sit loam over 22 cm moderately developed light do be born fine blocky sit loams which a level day could not form exeally not operately developed behalf borns fire not all born with a five day coating, or 35 cm exeally of behalf borns fire not all borns with a fire some fine days after the object of the days of the days

Comments: Prone to moderate to severe soil slip erosion. Pugging risk is moderate



Wetmere Hill soit. Well drained soil formed from old volcario and fine sediment deposits (andesitic loses) that sits atop sandstone. Common on rolling and hilly country (15-28)

Origines). Profile description: 20 cm dusky crange weakly to moderatinly drawloped fine to medium nutly cramb boam, fishide when moist, plastic whenevet on 18 cm weak carage weakly diversigned fine unity cramb this law fine blocks, fished when most, day locars or advisor drawloped dusky orange yellow fine unity cramb city boam Topical is fability with paster when were and has a week to morbinate dispose of privacial inductional devolutions.

Comments: The weakly developed topsoil makes this soil prone to pugging and treading danage (moderate pugging risk).

Egmont brown foam: Well drained soil on flat to undulating land, formed from a layer of volcanic ash (Egmont Ash) sitting on top of sandstone.

Profile description: 23 cm weekly to moderably developed dark brown fine nulty crumb sit beam, on 19 cm weekly developed light brown fine nulty crumb loam, on light brown compacted loam. Topool is finished mosts, slightly plastic when wet, and has a weekly developed soil physical structure.

Comments: Very limited area of this soil type with average access. It occurs on a high berrace that is exposed. Pugging susceptibility is rated as low to medium, so care with heavy cattle during well periods is necessary. Pugging susceptibility is low to medium.



Parakino sandy loam: Well drained soil found in the easy country in association with Westmere Hill Soils. Formed from unconsolidated sandy deposits with some ash content.

Profile description: 22 cm weakly developed black fine nut and crumb sandy loam; on 18 Profile description: 22 on weakly developed black fine nut and crumb saricy karn, on to om weakly developed yellowlish brown fine nut crumb saricy karn, on 23 cm weakly developed yellowlish brown fine nut sarich yearn; or very weakly developed brownish yellow very fine crumb and granutis rand; or massive firm brown yellow granutis rand. Topsoll is weakly developed, friable when moist, and slightly plastic when wet.

rupon a weekly exempts, indeer team intoxic us a super peace view or in some formenests. Volcanic cash is not identifiable as a discrete layer. Guly ensorn is an ever present risk. Likewise the soil has only a weak structure for expend, can give us replay in summer, and has a new to medium graping susceptibility. An international considerations include being structure to a rest of gulfar, maintaining soil fertility, and limit cropping damage strough direct driling schericipes.



Phs Pohangina Hill soils: Moderately well drained soils from unconsolidated sandy deposits, found in some of the steeper hill country (abopes >/3 degrees), sometimes in association with Taihape Hill Soils.

Profile description: 5 cm weakly developed fine cumb brown fine sandy loam, on 15 cm pale ofter weakly developed crumb fraible loams and with many fine medium strong brown motilier, or massive firm cline loams sand. Topool is weakly developed, friable when motils, and non plastic when well.

Comments: Prone to extreme gully and severe soil slip erosion, and has a moderate pugging susceptibility. Where erosion is moderate to severe under posture a change of land use should be considered if long term sustainability is considered important.



Ki Mr series: Imperfectly drained soils found along stream terraces. Formed from alluvial (river borne) deposits of sitty sandstone origin.

Profile description: 35 cm weakly developed (YKCSd) fine crumby nut with fav granules sandy sit barn; on 27 cm very weakly developed fine granular (YKCSd) sarely loarn with few orange motifier, on loarny sand. Topsoil is weakly developed, friable when motist, and slightly plastic when wet.



Mangaweka Hill soil: Moderately well drained soil commonly found throughout the property, often in association with Westmare Hill Seils, and on hill and steepland slopes.

Profile description: 23 can moderately developed fine notly crumb and some medium rules delty which stress sandy loss no 32 cm moderately developed fine notly crumb and some medium rules delty which stress sandy loss no sold; com conditionable developed fine notly crumb caskly which become sandy loss no servicely developed yellowish torow sity sendon Topolio is fabile when most, slightly plastic when set, and has a moderate degree of structural developed in structural developed in the service of the service of the service of structural developed in the service of the service of the service of the service of structural developed in the service of the service of structural developed in the service structural

Comments: The good internal drainage means that this soil will warm up quicker in the spring. Although it only has a medium suspontibility to pugging, the soil health should be mortilized if cather numbers are increased. Pugging suspectibility in rectium. Soil health mortiforing string VSA sould be considered, especially if cattle numbers are increased.



Date:	1 October 2006	Surveyors:	S Dudin & L Grant Landvision Ltd.	
Property owner(s):	Dougal & Di McIntosh	Survey scale:	1:10,000	
Property:	Ratamarumaru Farm Tokomaru West Road Brunswick	photo: Co		

