Newcale is an awned, white-glumed winter triticale whose primary use will be as a feed grain. Newcale under good growing conditions in Nebraska can yield similarly to hard red winter wheat; however, due to its lower level of winter-hardiness and recovery from winter injury, it has on average yielded less than the best winter wheats. In four years of testing (1986–1989) at Lincoln, NE, where winterkilling has been minimal, the grain yield of Newcale was 5% higher than ‘Brule’ or ‘Redland’ (a selection from Brule), but its oil content is higher (39.4 and 21.3%, respectively, on a dry wt. basis) than Resnik (40.5 and 21.1%). Edison has the same height and lodging scores as Resnik in wide-row tests, but is 3% shorter and scores lower for lodging in narrow-row tests.

Edison is tolerant to metribuzin [4-amino-6-(1,1-dimethyl-ethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one], is resistant to Club root (caused by 

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