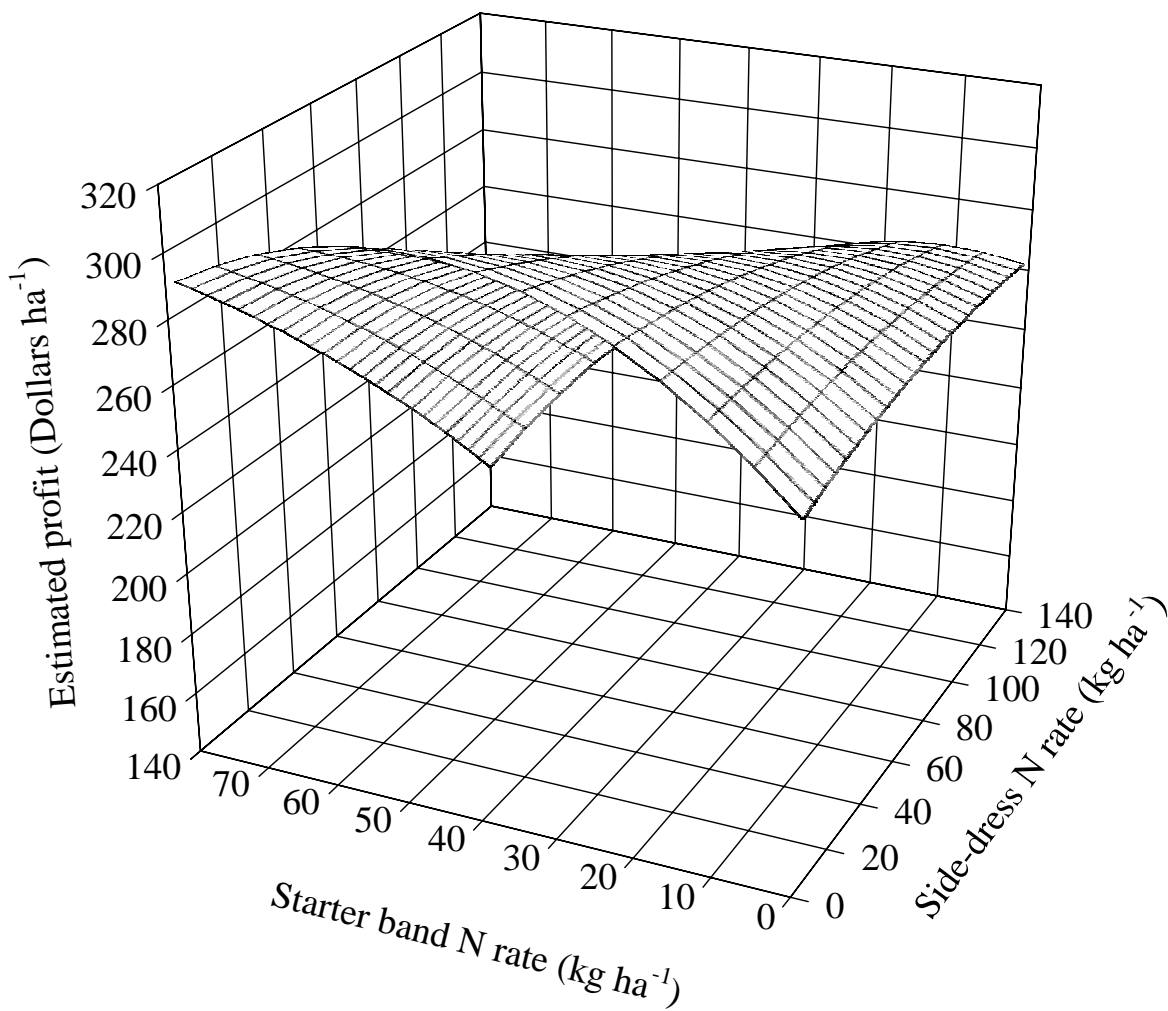


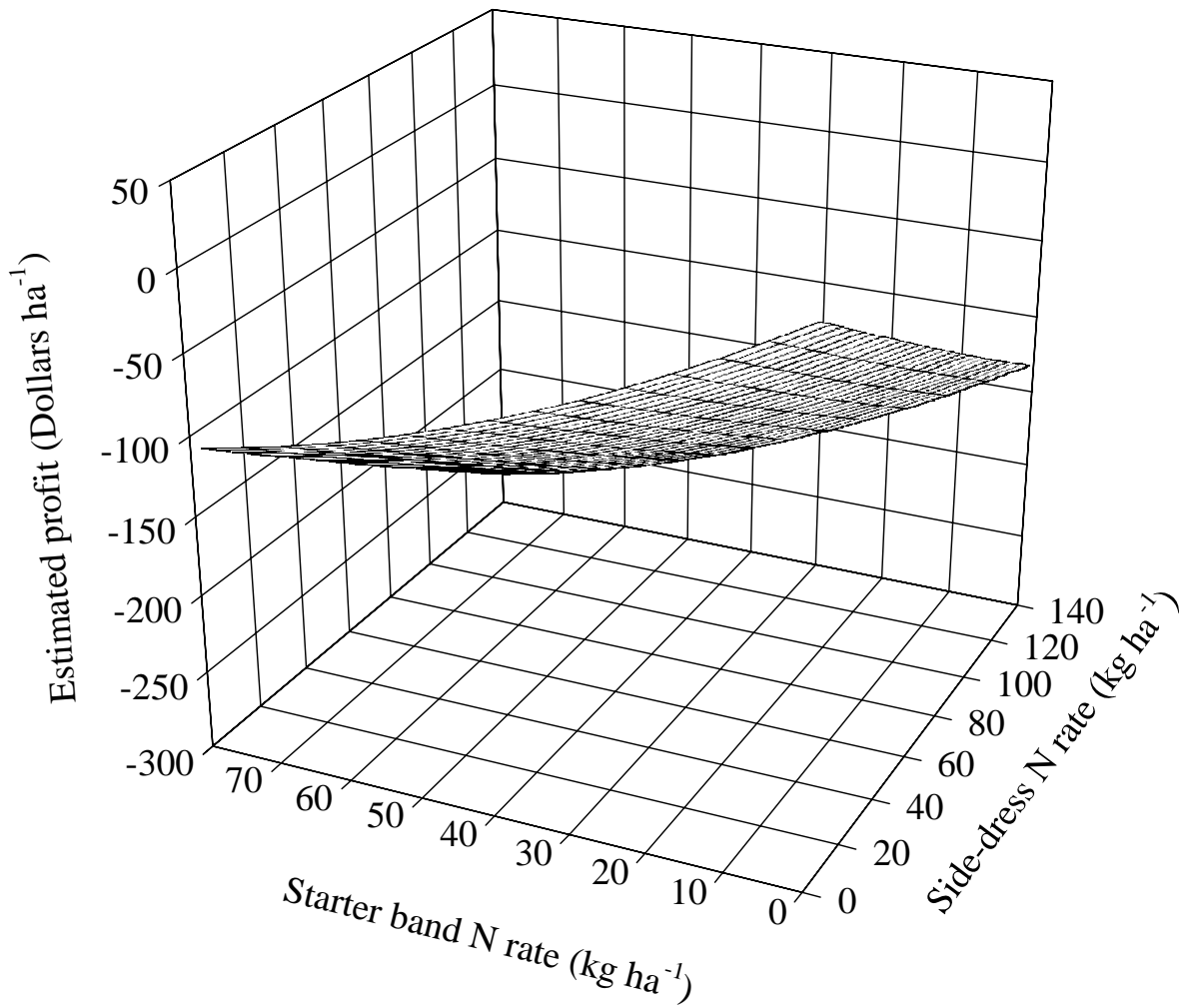
APPENDIX F

**RESPONSE SURFACES DESCRIBING ESTIMATED PROFIT AS A FUNCTION
OF N APPLICATION RATE AT STARTER BAND-N AND SIDE-DRESS N.**



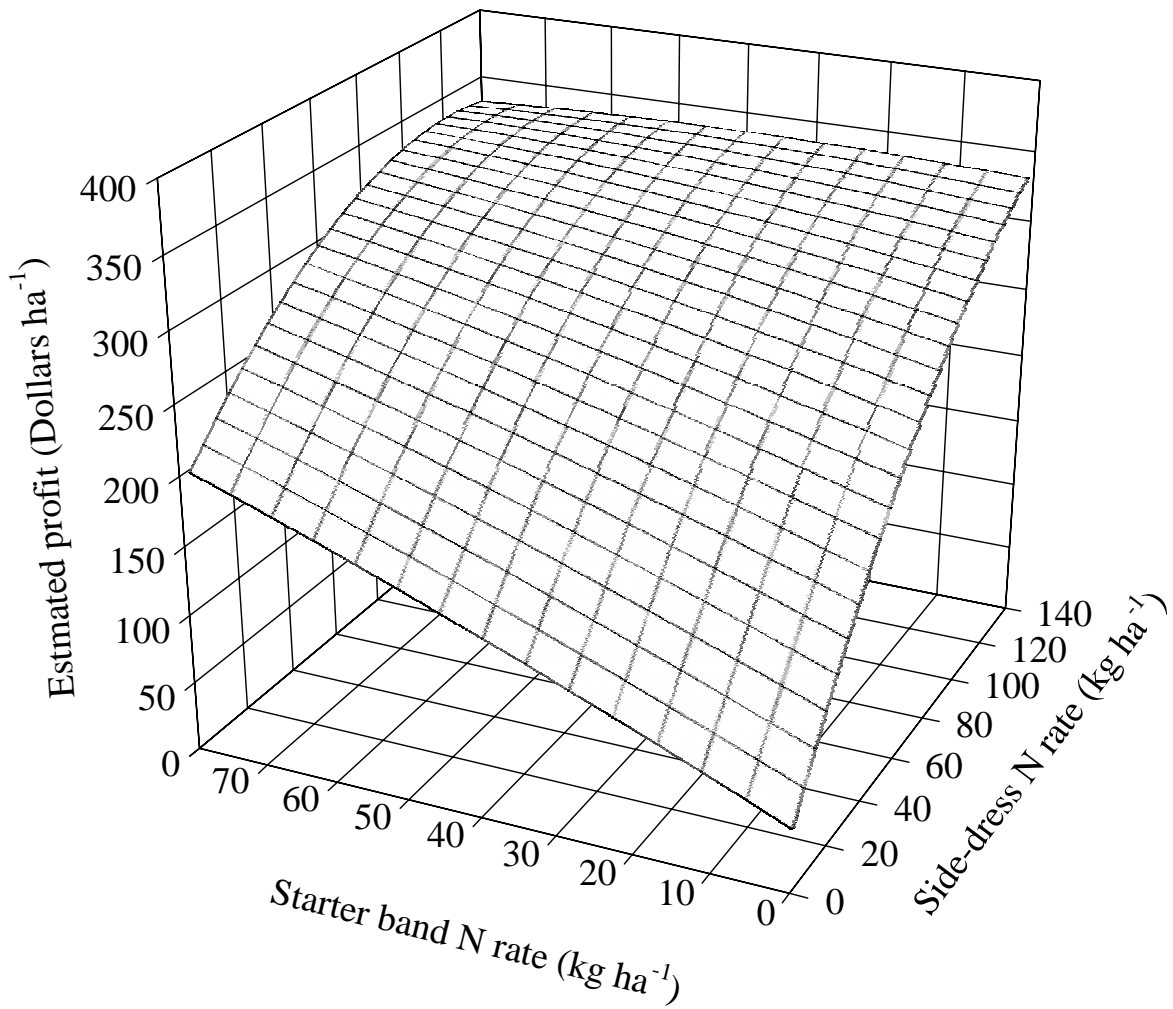
Pamunkey sandy loam, New Kent, 1995.

Note: Estimates of cost were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345.00/hectare.



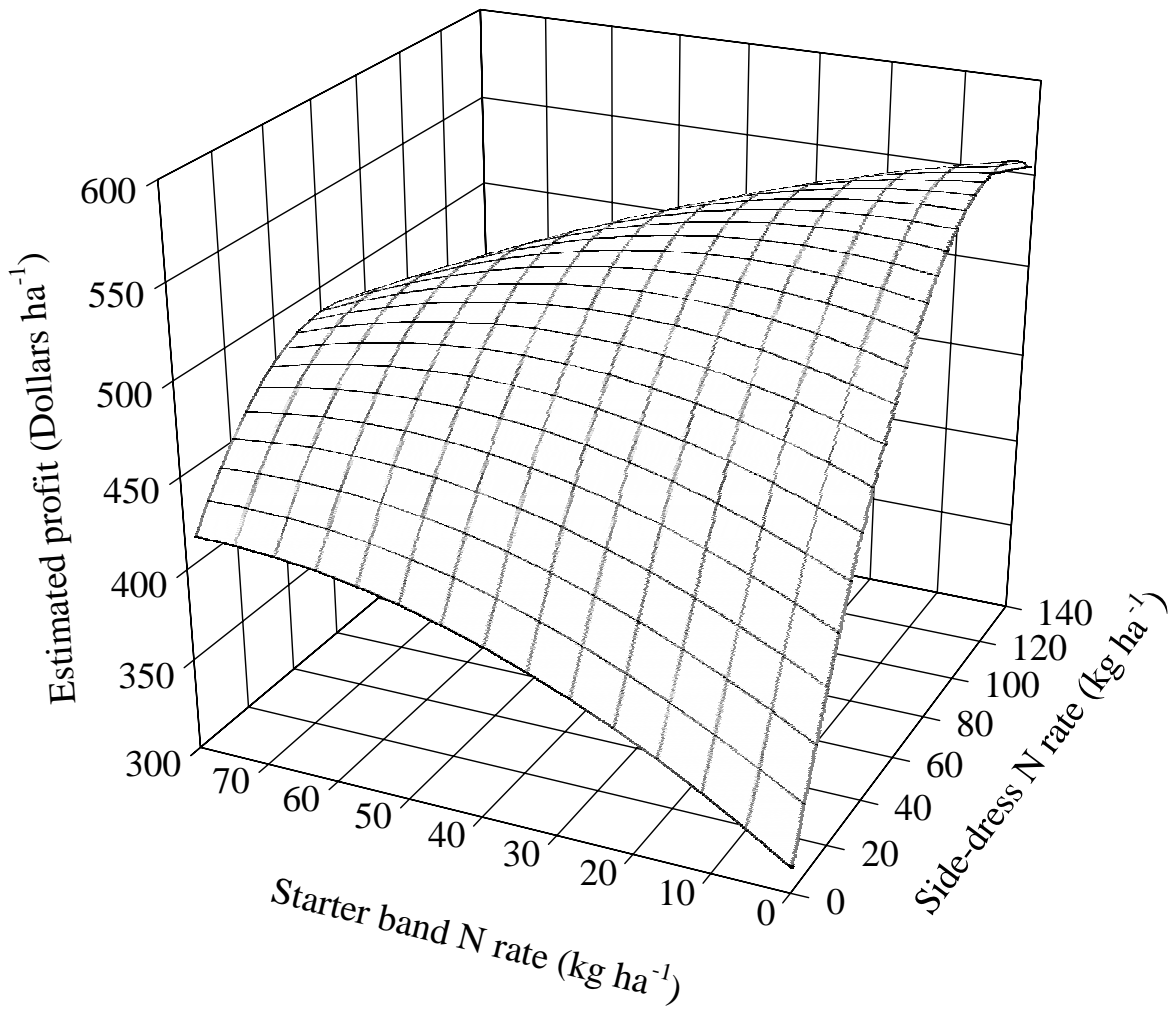
Conetoe loamy sand, New Kent, 1995.

Note: Estimates of cost were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345.00/hectare.



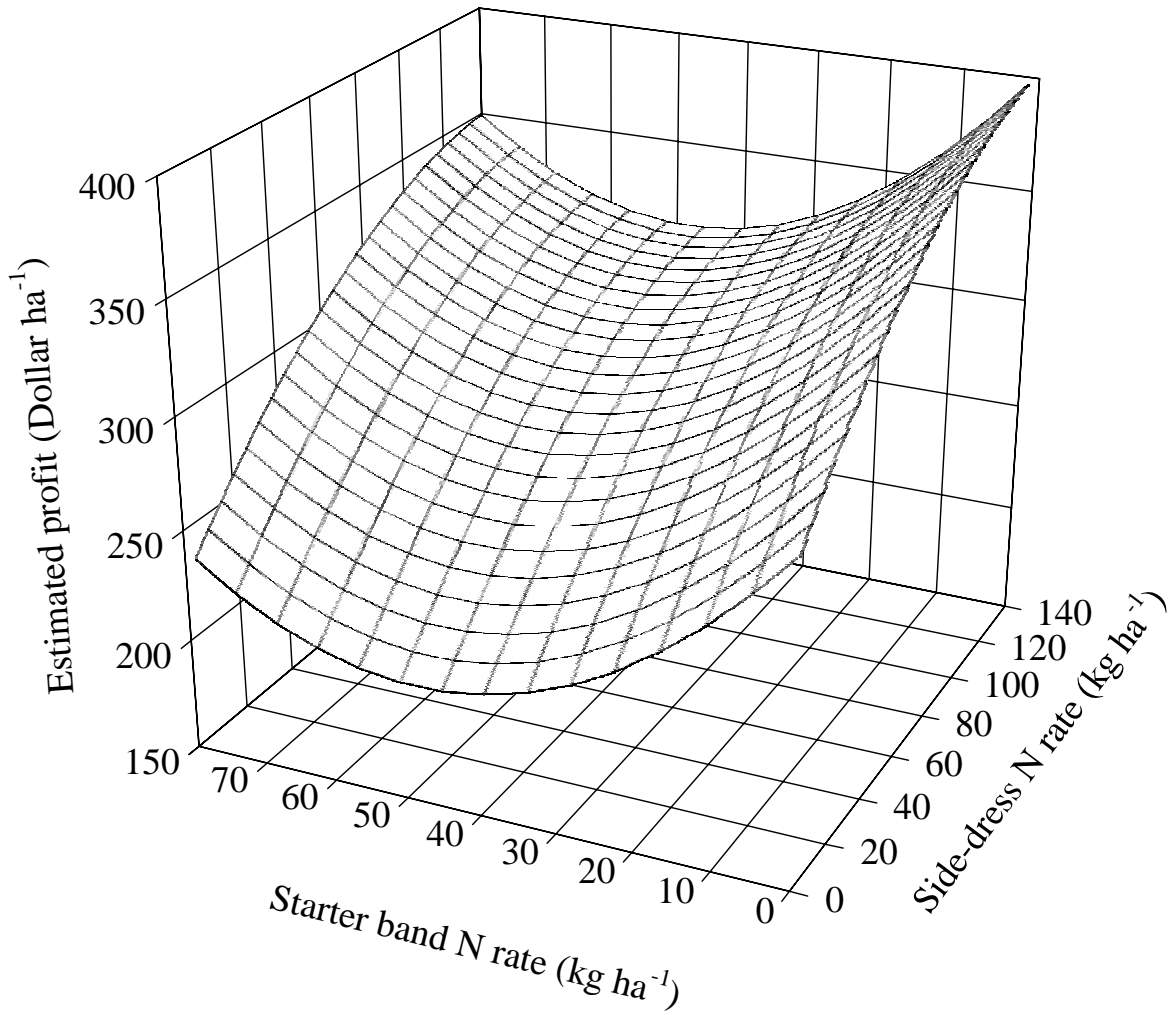
Suffolk fine sandy loam, James City, 1996.

Note: Estimates of cost used were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345.00/hectare.



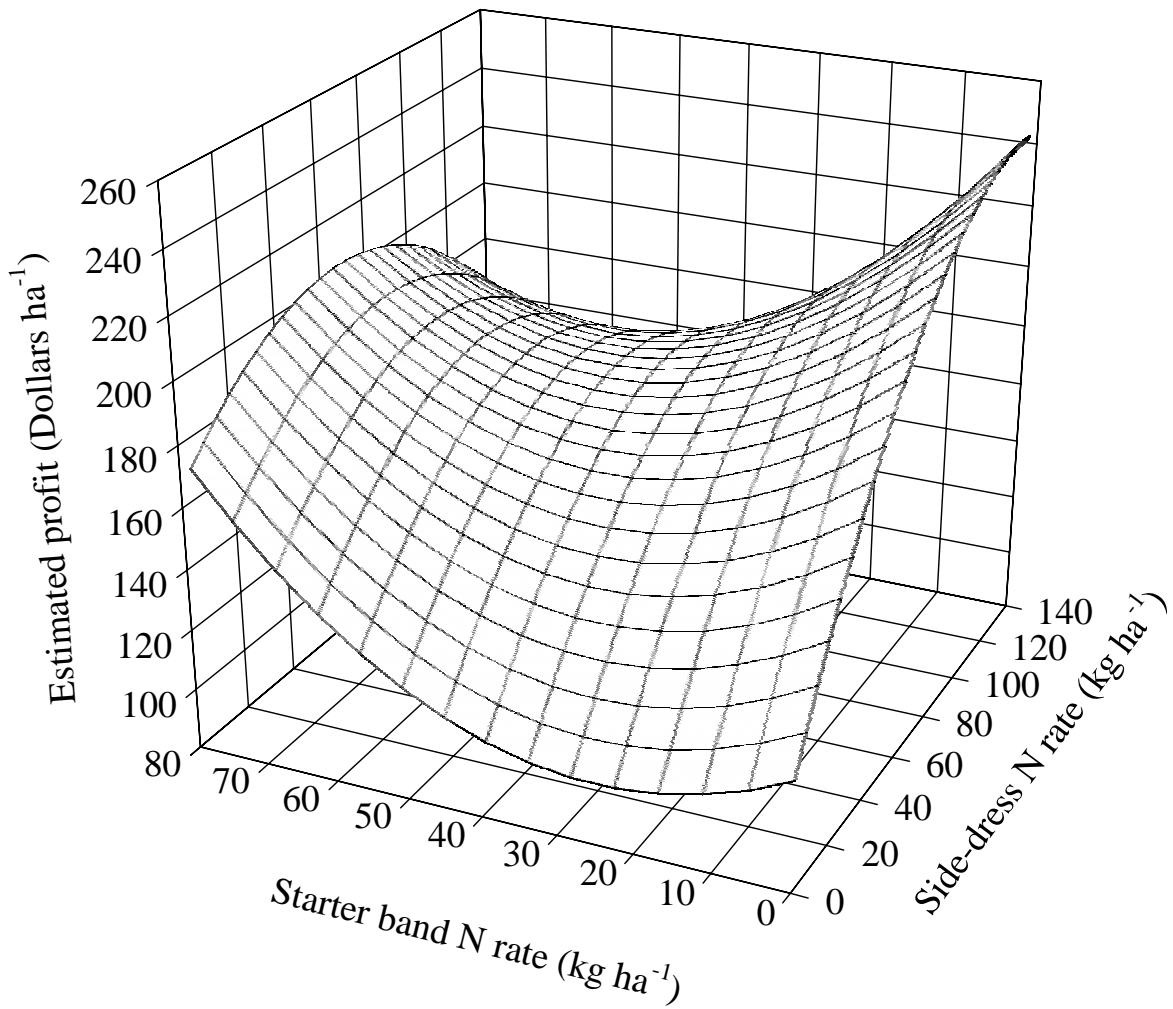
Cecil-Appling complex, Amelia, 1996.

Note: Estimates of cost were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345.00/hectare.



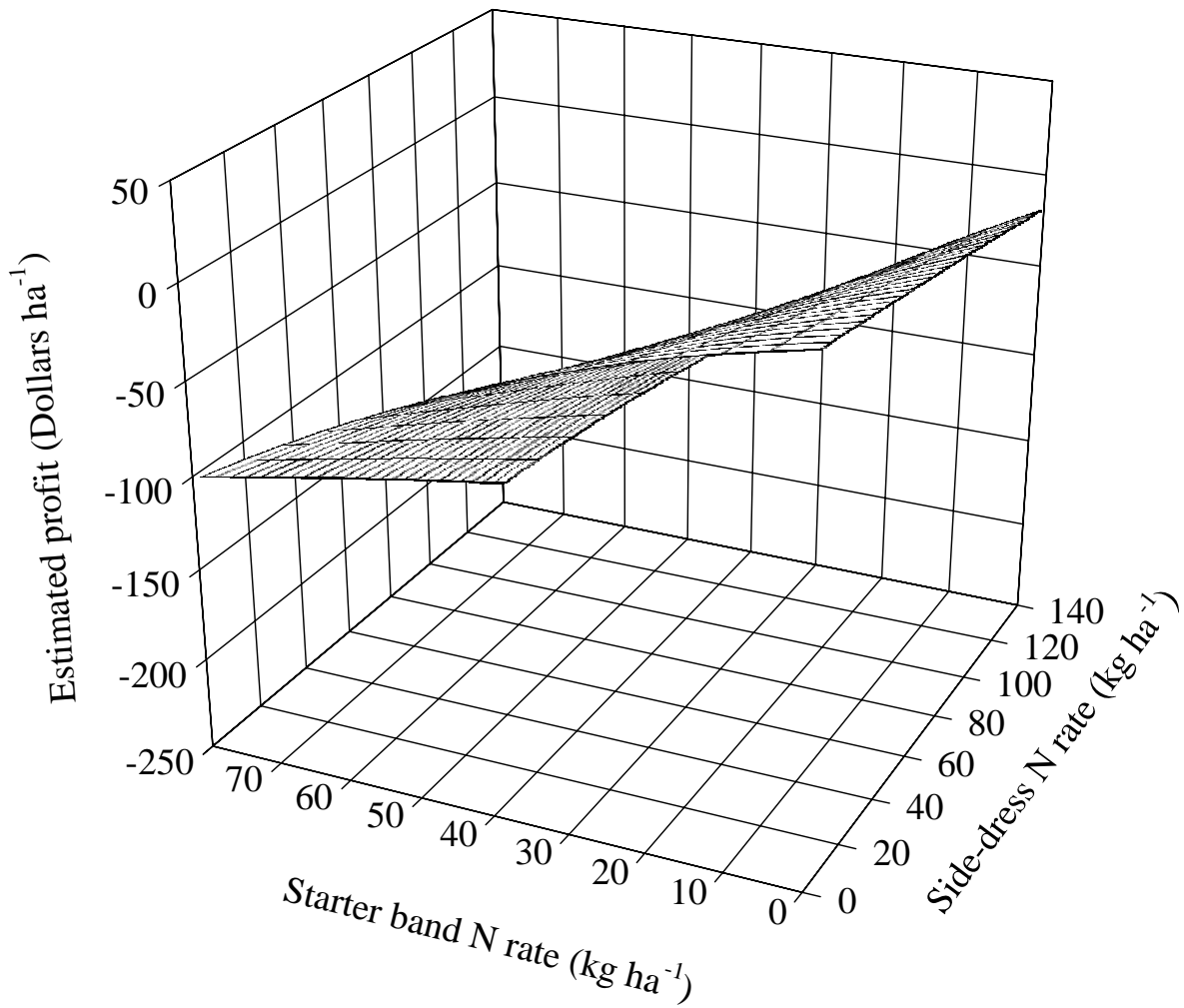
Bojac sandy loam, New Kent, 1996.

Note: Estimates of cost used were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345/hectare.



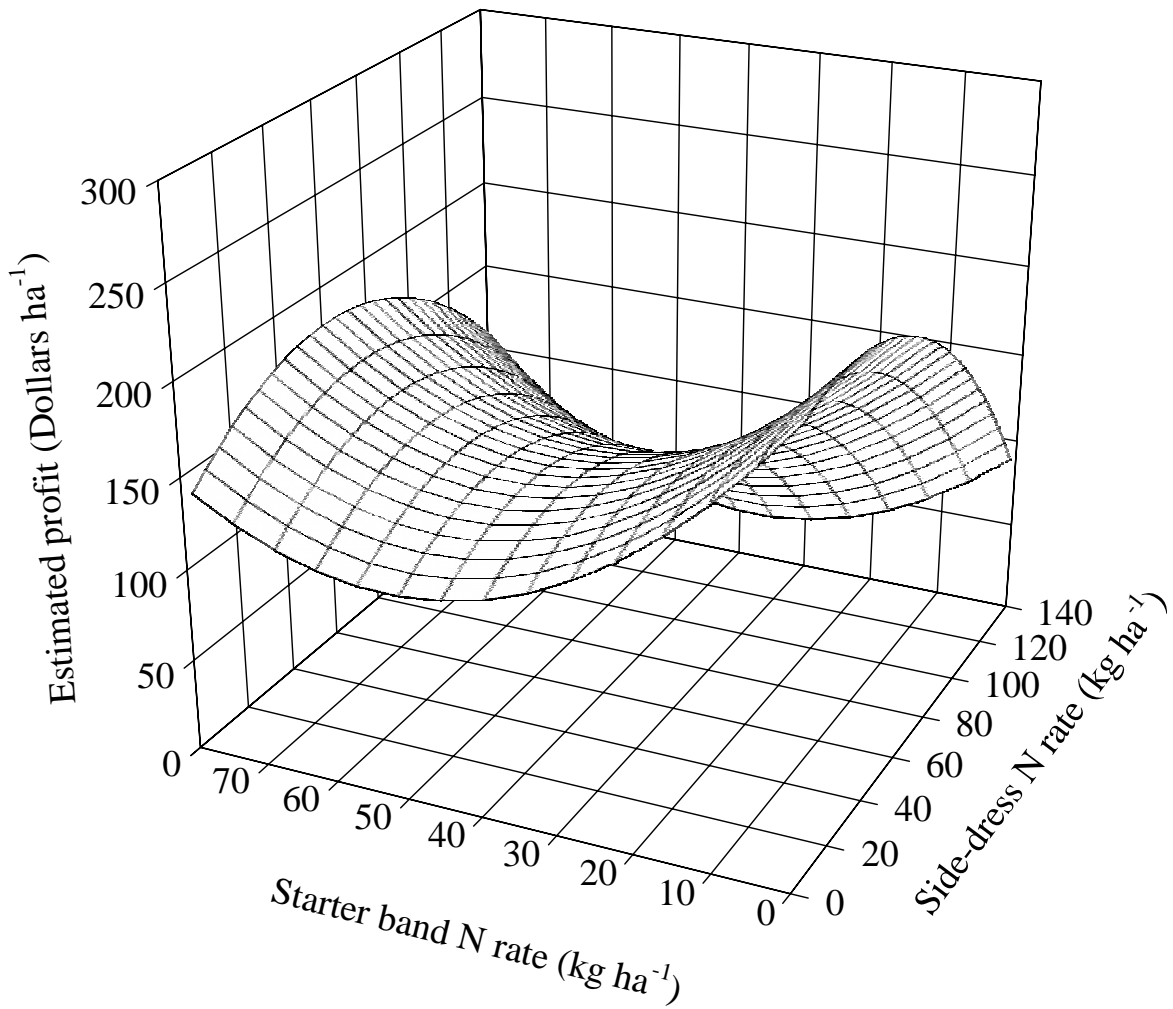
Wheeling silt loam, Whitethorn, Blacksburg, 1996.

Note: Estimates of cost were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345.00/hectare.



Atlee very fine sand, Henrico, 1997.

Note: Estimates of cost were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345.00/hectare.



Kempsville loamy fine sand, New Kent, 1997.

Note: Estimates of cost were: UAN ~ \$0.55/kg; Grain sorghum ~ \$91/met. ton; and Variable cost ~ \$345.00/hectare.