Public Function GetState(ByVal plotID As String, ByVal coverTable As String, \_

ByVal idField As String, ByVal stmField As String, \_

ByVal srcField As String) As String

On Error GoTo ErrorHandler

Dim state As String

Dim rsCover As DAO.Recordset

Dim db As DAO.Database

Dim STM As String

Dim SRC As String

Dim SRCNUM As Integer

Dim ACHNA As Double

Dim ANNUAL As Double

Dim ARAD As Double

Dim ARFRI As Double

Dim BARTEM As Double

Dim CLEIST As Double

Dim CXDU As Double

Dim LEYM As Double

Dim ELCHN As Double

Dim MEADPF As Double

Dim MEADPG As Double

Dim NISB As Double

Dim PPFF As Double

Dim PPGG As Double

Dim SMBPG As Double

Dim STBA As Double

Dim STGBGL As Double

Dim STGR As Double

Dim STIPA As Double

Dim STKR As Double

state = "indeterminate"

coverQuery = "SELECT \* FROM " & coverTable & " WHERE " & idField & " = '" & plotID & "'"

Set db = CurrentDb

Set rsCover = db.OpenRecordset(coverQuery, dbOpenSnapshot)

If Not rsCover.EOF Then

STM = rsCover(stmField)

SRCNUM = -1

Select Case STM

Case 1

'STM 1

ARFRI = rsCover("ARFRI")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STBA = rsCover("STBA")

STGBGL = rsCover("STGBGL")

STGR = rsCover("STGR")

STIPA = rsCover("STIPA")

STKR = rsCover("STKR")

SRC = rsCover(srcField)

ALLSTIPA = STBA + STGBGL + STGR + STIPA + STKR

GRASS = ALLSTIPA + PPGG + SMBPG

If SRC = "" Then

GoTo ErrorHandler

Else

SRCNUM = Int(Left(SRC, 1))

End If

If GRASS >= 20 Then

state = "1"

ElseIf SRCNUM >= 3 Then

state = "3"

Else

state = "2"

End If

Case 2

'STM 2

ARFRI = rsCover("ARFRI")

BARTEM = rsCover("BARTEM")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STBA = rsCover("STBA")

STGBGL = rsCover("STGBGL")

STGR = rsCover("STGR")

STIPA = rsCover("STIPA")

STKR = rsCover("STKR")

ALLSTIPA = STBA + STGBGL + STGR + STIPA + STKR

GRASS = ALLSTIPA + PPGG + SMBPG

If GRASS >= 20 Then

state = "1"

ElseIf CXDU >= 40 Then

state = "3"

ElseIf BARTEM >= 30 Then

state = "4"

Else

state = "2"

End If

Case 3

'STM 3

CXDU = rsCover("CXDU")

ELCHN = rsCover("ELCHN")

STBA = rsCover("STBA")

If STBA >= 30 Or (STBA >= 15 And (CXDU + ELCHN) < 30) Then

state = "1"

ElseIf STBA <= 5 Then

state = "3"

Else

state = "2"

End If

Case 4

'STM 4

MEADPF = rsCover("MEADPF")

MEADPG = rsCover("MEADPG")

SRC = rsCover(srcField)

If SRC = "" Then

GoTo ErrorHandler

Else

SRCNUM = Int(Left(SRC, 1))

End If

If MEADPF >= 10 Or MEADPG >= 10 Then

state = "1"

ElseIf SRCNUM >= 3 Then

state = "3"

Else

state = "2"

End If

Case 5

'STM 5

MEADPF = rsCover("MEADPF")

PPFF = rsCover("PPFF")

On Error GoTo ErrorHandler

If (PPFF + MEADPF) >= 25 Then

state = "1"

Else

state = "2"

End If

Case 6

'STM 6

BARE = rsCover("BARE")

BARTEM = rsCover("BARTEM")

CXDU = rsCover("CXDU")

STGR = rsCover("STGR")

If STGR >= 20 Then

state = "1"

ElseIf BARTEM >= 15 And (CXDU >= 20 Or STGR < 25) Then

state = "3"

ElseIf STGR <= 5 Then

state = "4"

Else

state = "2"

End If

Case 7

'STM 7

ARFRI = rsCover("ARFRI")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STKR = rsCover("STKR")

If STKR >= 25 Or SMBPG >= 25 Then

state = "1"

ElseIf ARFRI >= 25 And (PPGG < 5 Or STKR < 5 Or SMBPG < 5) Then

state = "3"

Else

state = "2"

End If

Case 8

'STM 8

ARAD = rsCover("ARAD")

CLEIST = rsCover("CLEIST")

CXDU = rsCover("CXDU")

ELCHN = rsCover("ELCHN")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STKR = rsCover("STKR")

GRASS = CLEIST + ELCHN + PPGG + SMBPG

If STKR >= 20 Then

state = "1"

ElseIf CXDU < = 40 And GRASS >= 25 Then

state = "2"

ElseIf GRASS >= 10 Or CXDU > 40 And BARTEM < 30 Then

state = "4"

ElseIf BARTEM >= 30 Then

state = "5"

Else

state = "3"

End If

Case 9

'STM 9

CLEIST = rsCover("CLEIST")

CXDU = rsCover("CXDU")

ELCHN = rsCover("ELCHN")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STKR = rsCover("STKR")

SRC = rsCover(srcField)

GRASS = CLEIST + ELCHN + PPGG + SMBPG

If SRC = "" Then

GoTo ErrorHandler

Else

SRCNUM = Int(Left(SRC, 1))

End If

If STKR >= 15 Then

state = "1"

ElseIf SRCNUM = 4 Then

state = "5"

ElseIf CXDU >= 30 Then

state = "4"

ElseIf GRASS >= 15 Then

state = "2"

Else

state = "3"

End If

Case 10

'STM 10

ACHNA = rsCover("ACHNA")

ANNUAL = rsCover("ANNUAL")

ARFRI = rsCover("ARFRI")

BARTEM = rsCover("BARTEM")

CLEIST = rsCover("CLEIST")

CXDU = rsCover("CXDU")

LEYM = rsCover("LEYM")

PPGG = rsCover("PPGG")

STGBGL = rsCover("STGBGL")

STKR = rsCover("STKR")

SRC = rsCover(srcField)

GRASS = ACHNA + CLEIST + LEYM + PPGG + STGBGL + STKR

If SRC = "" Then

GoTo ErrorHandler

Else

SRCNUM = Int(Left(SRC, 1))

End If

If (GRASS > CXDU + ARFRI) Or (GRASS > BARTEM + ANNUAL) Then

state = "1"

ElseIf (CXDU + ARFRI > BARTEM + ANNUAL) Or (CXDU + ARFRI > GRASS) Then

state = "2"

ElseIf SRCNUM >= 3 Then

state = "4"

Else

state = "3"

End If

Case 11

'STM 11

ARFRI = rsCover("ARFRI")

CLEIST = rsCover("CLEIST")

ELCHN = rsCover("ELCHN")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STGBGL = rsCover("STGBGL")

STKR = rsCover("STKR")

GRASS = CLEIST + ELCHN + PPGG + SMBPG + STGBGL + STKR

If GRASS >= 25 Then

state = "1"

ElseIf ARFRI >= 15 And GRASS< 25 Then

state = "2"

Else

state = "3"

End If

Case 12

'STM 12

BARTEM = rsCover("BARTEM")

CLEIST = rsCover("CLEIST")

ELCHN = rsCover("ELCHN")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STGBGL = rsCover("STGBGL")

STKR = rsCover("STKR")

GRASS = CLEIST + ELCHN + PPGG + SMBPG + STGBGL + STKR

If GRASS >= 15 Then

state = "1"

ElseIf GRASS <= 3 Then

state = "3"

Else

state = "2"

End If

Case 13

'STM 13

ACHNA = rsCover("ACHNA")

ANNUAL = rsCover("ANNUAL")

ARFRI = rsCover("ARFRI")

BARTEM = rsCover("BARTEM")

CLEIST = rsCover("CLEIST")

CXDU = rsCover("CXDU")

LEYM = rsCover("LEYM")

PPGG = rsCover("PPGG")

STGBGL = rsCover("STGBGL")

STKR = rsCover("STKR")

SRC = rsCover(srcField)

GRASS = ACHNA + CLEIST + LEYM + PPGG + STGBGL + STKR

If SRC = "" Then

GoTo ErrorHandler

Else

SRCNUM = Int(Left(SRC, 1))

End If

If (GRASS > CXDU + ARFRI) Or (GRASS > BARTEM + ANNUAL) Then

state = "1"

ElseIf (CXDU + ARFRI > BARTEM + ANNUAL) Or (CXDU + ARFRI > GRASS) Then

state = "2"

ElseIf SRCNUM >= 3 Then

state = "4"

Else

state = "3"

End If

Case 14

'STM 14

STGBGL = rsCover("STGBGL")

If STGBGL >= 10 Then

state = "1"

ElseIf STGBGL <= 3 Then

state = "3"

Else

state = "2"

End If

Case 15

'STM 15

STGBGL = rsCover("STGBGL")

If STGBGL >= 10 Then

state = "1"

Else

state = "2"

End If

Case 16

'STM 16

CLEIST = rsCover("CLEIST")

ELCHN = rsCover("ELCHN")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STGBGL = rsCover("STGBGL")

GRASS = CLEIST + ELCHN + PPGG + SMBPG

If STGBGL >= 3 Then

state = "1"

ElseIf CLEIST >= 10 Then

state = "2"

Else

state = "3"

End If

Case 17

'STM 17

SRC = rsCover(srcField)

If SRC = "" Then

GoTo ErrorHandler

Else

SRCNUM = Int(Left(SRC, 1))

End If

If SRCNUM >= 3 Then

state = "2"

Else

state = "1"

End If

Case 18

'STM 18

state = "1"

Case 19

'STM 19

state = "1"

Case 20

'STM 20

NISB = rsCover("NISB")

SRC = rsCover(srcField)

If SRC = "" Then

GoTo ErrorHandler

Else

SRCNUM = Int(Left(SRC, 1))

End If

If NISB < 10 Then

state = "1"

ElseIf NISB >= 10 Or SRCNUM >= 3 Then

state = "2"

Else

state = "indeterminate"

End If

Case 21

'STM 21

state = "indeterminate"

Case 22

'STM 22

state = "1"

Case 23

'STM 23

CLEIST = rsCover("CLEIST")

PPFF = rsCover("PPFF")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STGBGL = rsCover("STGBGL")

STKR = rsCover("STKR")

If (CLEIST + PPGG + SMBPG + STGBGL + STKR) > PPFF Then

state = "1"

Else

state = "2"

End If

Case 24

'STM 24

CLEIST = rsCover("CLEIST")

PPFF = rsCover("PPFF")

PPGG = rsCover("PPGG")

SMBPG = rsCover("SMBPG")

STGBGL = rsCover("STGBGL")

STKR = rsCover("STKR")

If (CLEIST + PPGG + SMBPG + STGBGL + STKR) > PPFF Then

state = "1"

Else

state = "2"

End If

Case 25

'STM 25

state = "1"

End Select

End If

rsCover.Close

db.Close

Set rsCover = Nothing

Set db = Nothing

ErrorHandler:

GetState = state

End Function