

Farmer Puzzle State Space

State	Description	Actions
fwsc ---	(Origin)	Right f, Right fs, Right fw, Right fc
-ws- f--c	(invalid state)	Left f, Left fc
-w-c f-s-		Left f, Left fs
--sc fw--	(invalid state)	Left f, Left fw
-wsc f---		Left f
fws- ---c		Right f, Right fs, Right fw
fw-c --s-		Right f, Right fw, Right fc
f-sc -w--		Right f, Right fs, Right fc
-w-- f-sc		Left f, Left fc, Left fs
--s- fw-c		Left f, Left fc, Left fw
---c fws-		Left f, Left fw, Left fs
fw-- --sc	(invalid state)	Right f, Right fw
f-s- -w-c		Right f, Right fs
f--c -ws-	(invalid state)	Right f, Right fc
---- fwsc	(Goal)	Left f, Left fc, Left fs, Left fw
f--- -wsc		Right f