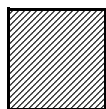


Munsell Soil Help Charts

In general, start with Soil Color Chart pages 10YR, 2.5Y, and 5Y.

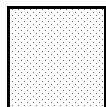
10YR is used in the examples below

A11: Depleted Below Dark Surface

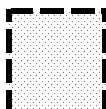


Upper layer above depleted matrix has a value ≤ 3 and chroma ≤ 2 (≤ 1 for sandy soils).

AND



Starting within 12 inches of the surface, a layer at least 6 inches thick with a depleted "grayer" color of value ≥ 4 and chroma ≤ 2 .



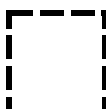
IF the soil color in the depleted layer are 4/1, 4/2, or 5/2 then redox concentrations are required.

10YR

	8/	8/1	8/2	8/3	8/4	8/6	8/8
	7/	7/1	7/2	7/3	7/4	7/6	7/8
	6/	6/1	6/2	6/3	6/4	6/6	6/8
VALUE	5/	5/1	5/2	5/3	5/4	5/6	5/8
	4/	4/1	4/2	4/3	4/4	4/6	
	3/	3/1	3/2	3/3	3/4	3/6	
	2/	2/1	2/2				
		1/	2/	3/	4/	6/	8/

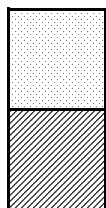
CHROMA

F6: Redox Dark Surface Dark

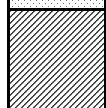


Entirely within 12 inches of the surface there is a layer of value ≤ 3 and chroma ≤ 2 at least 4 inches thick with redox concentrations.

AND



2% or more redox concentrations if value ≤ 3 and chroma ≤ 1 .



5% or more redox concentrations if value ≤ 3 and chroma ≤ 2 .

10YR

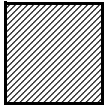
	8/	8/1	8/2	8/3	8/4	8/6	8/8
	7/	7/1	7/2	7/3	7/4	7/6	7/8
	6/	6/1	6/2	6/3	6/4	6/6	6/8
VALUE	5/	5/1	5/2	5/3	5/4	5/6	5/8
	4/	4/1	4/2	4/3	4/4	4/6	
	3/	3/1	3/2	3/3	3/4	3/6	
	2/	2/1	2/2				
		1/	2/	3/	4/	6/	8/

CHROMA

Munsell Soil Help Charts

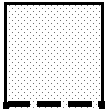
In general, start with Soil Color Chart pages 10YR, 2.5Y, and 5Y.
10YR is used in the examples below

A12: Thick Dark Surface

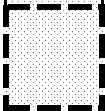


Upper 12 inches has value ≤ 2.5 and chroma ≤ 1 .

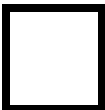
AND



A layer at least 6 inch thick with depleted "greyer" color of value ≥ 4 and chroma of ≤ 2 starting anywhere 12 inches below the surface.



IF the soil color in the depleted layer are 4/1, 4/2, or 5/2 then redox concentrations are required.



Any layer between the two (surface & depleted layer) has value ≤ 3 and chroma ≤ 1 .

