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DDE Supplement / Attachment

DDIdentifier ₍₁₀₎	DDEName
468	Soil Snow/Frozen Condition

Version 1.0

Soil Snow/Frozen Condition

There are regulatory and operational constraints on the ability to perform some agricultural operations (e.g., manure applications) when the soil is frozen or snow-covered. This DDI captures the snow-covered/frozen status of the soil for documentation purposes.

In case when the soil is both snow-covered and frozen, report what is relevant for your situation.

Enumeration:

Id	Code	Description	Comments
1		Not frozen or snow-covered	
2		Frozen: the soil is impenetrable as a result of freezing temperatures, or more than one third of the top 15 cm (six inches) contains frozen soil water	Method of determination: Use a shovel to determine penetrability. If the soil can be dug using a shovel, visually inspect the soil for frozen soil water. Repeat this test at several locations on the field that is being considered, in order to make a representative determination.
3		Snow-covered: more than 50 percent of the field is covered by an average snow depth of more than 5 cm (two inches) from the ground surface.	Method of determination: Visually examine the field for snow coverage and measure the depth of the snow. Conduct visual estimates and measurements at a number of locations across the entire field to make a representative determination.