

Code	Practical UOM	SI UOM	Name	Description	Scope
AppliedCountPerArea	count1m-2	count1m-2	Applied Count Per Area	Seed rate, plant rate, etc. per area	Logged Variable Value, Summary Value
AppliedVolumePerArea	l1ha-1	m3m-2	Applied Volume Per Area	Liquid applications expressed per area	Logged Variable Value, Summary Value
AppliedMassPerArea	kg1ha-1	kg1m-2	Applied Mass Per Area	Granular and bulk seed applications expressed per area	Logged Variable Value, Summary Value
YieldWetMassPerArea	kg1ha-1	kg1m-2	Yield Wet Mass Per Area	Raw harvest mass per area	Logged Variable Value, Summary Value
YieldDryMassPerArea	kg1ha-1	kg1m-2	Yield Dry Mass Per Area	Harvest mass per area adjusted to a standard moisture percentage	Logged Variable Value, Summary Value
YieldBaleCountPerArea	count1ha-2	count1m-2	Yield Bale Count Per Area	Count of harvested bales per area	Logged Variable Value, Summary Value
YieldVolumePerArea	bu1ac-1	m3m-2	Yield Volume Per Area	standard moisture percentage, defined in that percentage(dry value).	Logged Variable Value, Summary Value
AppliedCountPerTime	count1sec-2	count1sec-2	Applied Count Per Time	Seed rate, plant rate, etc. per time	Logged Variable Value, Summary Value
AppliedVolumePerTime	ml1sec-1	m3sec-2	Applied Volume Per Time	Liquid applications expressed per time	Logged Variable Value, Summary Value
AppliedMassPerTime	mg1sec-1	kg1sec-2	Applied Mass Per Time	Granular and bulk seed applications expressed per time	Logged Variable Value, Summary Value
YieldWetMassPerTime	mg1sec-1	kg1sec-2	Yield Wet Mass Per Time	Raw harvest mass per time	Logged Variable Value, Summary Value
YieldDryMassPerTime	mg1sec-1	kg1sec-2	Yield Dry Mass Per Time	Harvest mass per time adjusted to a standard moisture percentage	Logged Variable Value, Summary Value
YieldBaleCountPerTime	count1hr-2	count1sec-2	Yield Bale Count Per Time	Count of harvested bales per time	Logged Variable Value, Summary Value
YieldVolumePerTime	bu1ac-1	m3sec-2	Yield Volume Per Time	standard moisture percentage, defined in that percentage(dry value).	Logged Variable Value, Summary Value
CommodityMoisture	ppm	-	Commodity Moisture	Sample moisture reading	Logged Variable Value, Summary Value
HarvestHeight	cm	m	Harvest Height	Reported height of harvest	Logged Variable Value, Summary Value
ApplicationHeight	mm	m	Application Height	Height above ground of application	Logged Variable Value, Summary Value
ApplicationDepth	mm	m	Application Depth	Depth below ground of application, seeding	Logged Variable Value, Summary Value
ElapsedTime	sec	sec	Elapsed Time	A report of elapsed time	Logged Variable Value, Summary Value
DistanceTraveled	m	m	Distance Traveled	The distance traveled by the device	Logged Variable Value, Summary Value

Heading	arcdeg	arcdeg	Device Heading	A reported device heading	Logged Variable Value, Summary Value
Elevation	m	m	Ground Elevation	Reported elevation at ground level	Logged Variable Value, Summary Value
SeedSpacing	mm	m	Seed Spacing	Space between seeds (target, actual, summary)	Logged Variable Value, Summary Value
SeedSingulation	ppm	-	Seed Singulation	Singulation percentage	Logged Variable Value, Summary Value
SeedSkips	ppm	-	Seed Skips	Skips percentage	Logged Variable Value, Summary Value
SeedDoubles	ppm	-	Seed Multiples	Doubles/Multiples percentage	Logged Variable Value, Summary Value
RideQuality	ppm	-	Ride Quality	Reported Implement Ride Quality	Logged Variable Value, Summary Value
GroundContact	ppm	-	Ground Contact	Reported Implement Ground Contact	Logged Variable Value, Summary Value
DownforceMargin	N	n	Downforce Margin	Force acting on a planter row unit factoring its weight, additional downforce applied and the upward force of the soil.	Logged Variable Value, Summary Value
DownforceApplied	N	n	Downforce Applied	Downforce applied by a planter	Logged Variable Value, Summary Value
SprayPressure	kpa	pa	Spray Pressure	Spray pressure	Logged Variable Value, Summary Value
TillagePressure	kpa	pa	Tillage Pressure	Tillage pressure	Logged Variable Value, Summary Value
RowCleanerPressure	kpa	pa	Row Cleaner Pressure	Row Cleaner pressure on a planter	Logged Variable Value, Summary Value
SoilTemperature	C	K	Soil Temperature	Measured temperature of the soil	Logged Variable Value, Summary Value
SoilMoisture	ppm	ppm	Soil Moisture	Measured moisture of soil	Logged Variable Value, Summary Value
SoilOrganicMatter	ppm	ppm	Soil Organic Matter	Amount of organic matter in soil	Logged Variable Value, Summary Value
SoilCationExchangeCapacity	<i>cmol1kg-1</i>	<i>mol1kg-1</i>	Soil Cation Exchange Capacity	Reported Cation Exchange Capacity of Soil	Logged Variable Value, Summary Value
FurrowResidue	ppm	ppm	Furrow Residue	Amount of residue/trash in a plating furrow	Logged Variable Value, Summary Value
FurrowUniformity	ppm	ppm	Furrow Uniformity	Uniformity of planting furrow	Logged Variable Value, Summary Value
MeasuredArea	ha	m2	Measured Area	Area objectively measured by automated or manual means	Logged Variable Value, Summary Value

ReportedArea	ha	m2	Reported Area	A predefined area manually reported	Summary Value
AirTemperature	C	K	Air Temperature	The measured air temperature	Logged Variable Value, Summary Value
WindSpeed	m1sec-1	m1sec-1	Wind Speed	The measured wind speed	Logged Variable Value, Summary Value
WindDirection	arcdeg	rad	Wind Direction	The measured wind direction from North	Logged Variable Value, Summary Value
RelativeHumidity	ppm	-	Relative Humidity	The measured relative humidity of the air	Logged Variable Value, Summary Value
AtmosphericPressure	kpa	pa	Atmospheric Pressure	The measured atmospheric pressure	Logged Variable Value, Summary Value





