

**Table 2. Estimated yields per acre of field and forage crops**

Series	Map Unit Symbol	Map Unit Description	Corn		H		
			Grain (Bu)	Silage (Tons)	Oats (Bu)	Wheat (Bu)	Alfalfa-grass mix. (Tons)
Albrights	AbB	Albrights silt loam, 3 to 8 percent slopes	100	20	70	40	3.5
Albrights	AbC	Albrights silt loam, 8 to 15 percent slopes	90	18	65	40	3.5
Albrights	AcB	Albrights very stony loam, 0 to 8 percent slopes					
Albrights	AcC	Albrights very stony silt loam, 8 to 15 percent slopes					
Allegheny	AlB	Allegheny silt loam, 2 to 8 percent slopes	120	24	75	45	4.5
Andover	AnB	Andover channery loam, 0 to 8 percent slopes	85	17	60		
Andover	AnC	Andover channery loam, 8 to 15 percent slopes	75	15	55		2.5
Andover	AoB	Andover very stony loam, 0 to 8 percent slopes					
Andover	AoC	Andover very stony loam, 8 to 15 percent slopes					
Armagh	ArA	Armagh silt loam, 0 to 3 percent slopes	80	16	60		
Armagh	ArB	Armagh silt loam, 3 to 8 percent slopes	80	16	60		
Atkins	At	Atkins silt loam	100	20	60	30	
Basher	Ba	Basher loam	120	24	80	45	4.5
Berks	BkB	Berks shaly silt loam, 3 to 8 percent slopes	80	16	60	35	3.5
Berks	BkC	Berks shaly silt loam, 8 to 15 percent slopes	75	15	55	35	3.0
Berks	BkD	Berks shaly silt loam, 15 to 25 percent slopes	70	14	50	30	3.0
Berks	BID	Berks very stony silt loam, 8 to 25 percent slopes					
Berks	BMF	Berks and Weikert soils, steep					
Brinkerton	BrA	Brinkerton silt loam, 0 to 3 percent slopes	90	18	60		
Brinkerton	BrB	Brinkerton silt loam, 3 to 8 percent slopes.	90	18	60		
Brinkerton	BrC	Brinkerton silt loam, 8 to 15 percent slopes	80	16	55		
Brinkerton	BsB	Brinkerton very stony silt loam, 0 to 8 percent slopes					
Buchanan	BtB	Buchanan loam, 2 to 8 percent slopes	100	20	65	40	3.5
Buchanan	BuB	Buchanan channery loam, 3 to 8 percent slopes	100	20	65	40	3.5
Buchanan	BuC	Buchanan channery loam, 8 to 15 percent slopes	90	18	60	35	3.5
Buchanan	BxB	Buchanan extremely stony loam, 0 to 8 percent slopes					
Buchanan	BxD	Buchanan extremely stony loam, 8 to 25 percent slopes					
Carlisle	CA	Carlisle muck					
Cavode	CdA	Cavode silt loam, 0 to 3 percent slopes	85	17	65	35	
Cavode	CdB	Cavode silt loam, 3 to 8 percent slopes	85	17	65	35	
Chagrin	Ch	Chagrin soils	130	26	80	80	5.0
Clarksburg	CkA	Clarksburg silt loam, 0 to 3 percent slopes	100	20	70	40	3.5
Clarksburg	CkB	Clarksburg silt loam, 3 to 8 perc+C70ent slopes	100	20	70	40	3.5
Clymer	CIB	Clymer sandy loam, 3 to 8 percent slopes	120	24	75	45	4.5
Clymer	CIC	Clymer sandy loam, 8 to 15 percent slopes	110	22	70	40	4.0
Clymer	CvB	Clymer very stony sandy loam, 0 to 8 percent slopes					
Clymer	CvD	Clymer very stony sandy loam, 8 to 25 percent slopes					
Dunning	Du	Dunning silty clay loam	90	18			
Edom	EdB	Edom silt loam, 2 to 8 percent slopes	100	20	70	40	4.0
Edom	EdC	Edom silt loam, 8 to 15 percent slopes	90	18	65	35	3.5
Edom	EdD	Edom silt loam, 15 to 25 percent slopes	80	16	60	35	3.0
Ernest	ErB	Ernest channery silt loam, 3 to 8 percent slopes	100	20	65	40	3.5
Ernest	ErC	Ernest channery silt loam, 8 to 15 percent slopes	95	19	60	35	3.5
Ernest	ErD	Ernest channery silt loam, 15 to 25 percent slopes	90	18	55	35	3.0
Ernest	EvB	Ernest very stony silt loam, 3 to 8 percent slopes					

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Ernest	EvD	Ernest very stony silt loam, 8 to 25 percent					
Gilpin	GIB	Gilpin channery silt loam, 2 to 8 percent slopes	90	18	65	40	3.5
Gilpin	GIC	Gilpin channery silt loam, 8 to 15 percent slopes	85	17	60	35	3.5
Gilpin	GID	Gilpin channery silt loam, 15 to 25 percent slopes	80	16	55	30	3.0
Hagerstown	HaA	Hagerstown silt loam, 0 to 3 percent slopes	135	27	80	50	5.0
Hagerstown	HaB	Hagerstown silt loam, 3 to 8 percent slopes	135	27	80	50	5.0
Hagerstown	HaC	Hagerstown silt loam, 8 to 15 percent slopes	125	25	75	45	4.5
Hagerstown	HcB	Hagerstown silty clay loam, 3 to 8 percent slopes	125	25	75	45	5.0
Hagerstown	HcC	Hagerstown silty clay loam, 8 to 15 percent slopes	120	24	70	40	4.5
Hagerstown	HcD	Hagerstown silty clay loam, 15 to 25 percent slopes	110	22	65	35	4.0
Hazelton	HhB	Hazelton channery sandy loam, 3 to 8 percent slopes	125	25	75	45	4.5
Hazelton	HhC	Hazelton channery sandy loam, 8 to 15 percent slopes	115	23	70	40	4.5
Hazelton	HhD	Hazelton channery sandy loam, 15 to 25 percent slopes	110	22	60	35	4.0
Hazelton	HSB	Hazelton extremely stony sandy loam, gently sloping					
Hazelton	HSD	Hazelton extremely stony sandy loam, moderately steep					
	HTF	Hazelton-Dekalb association, very steep (Hazelton part)					
Hazelton	HTF	Hazelton-Dekalb association, very steep (Dekalb part)					
Hublersburg	HuA	Hublersburg silt loam, 0 to 3 percent slopes	130	26	80	50	5.0
Hublersburg	HuB	Hublersburg silt loam, 3 to 8 percent slopes	130	26	80	50	5.0
Hublersburg	HuC	Hublersburg silt loam, 8 to 15 percent slopes	120	24	75	45	4.5
Hublersburg	HuD	Hublersburg silt loam, 15 to 25 percent slopes	110	22	70	40	4.0
Laidig	LaB	Laidig channery loam, 3 to 8 percent slopes	100	20	70	40	4.0
Laidig	LaC	Laidig channery loam, 8 to 15 percent slopes	95	19	65	35	4.0
Laidig	LaD	Laidig channery loam, 15 to 25 percent slopes	85	17	60	30	3.5
Laidig	LcB	Laidig extremely stony loam, 0 to 8 percent slopes					
Laidig	LcD	Laidig extremely stony loam, 8 to 25 percent slopes					
Laidig	LDF	Laidig extremely stony loam, steep					
Leck Kill	LkB	Leck Kill channery silt loam, 3 to 8 percent slopes	120	24	75	50	4.5
Leck Kill	LkC	Leck Kill channery silt loam, 8 to 15 percent slopes	115	23	70	45	4.0
Leck Kill	LkD	Leck Kill channery silt loam, 15 to 25 percent slopes	105	21	65	40	4.0
Leck Kill	LIB	Leck Kill very stony silt loam, 0 to 8 percent slopes					
Leck Kill	LID	Leck Kill very stony silt loam, 8 to 25 percent slopes					
Leck Kill	LMF	Leck Kill and Calvin soils, steep (Leck Kill part)					
Leck Kill	LMF	Leck Kill and Calvin soils, steep (Calvin part)					
Leetonia	LtB	Leetonia extremely stony loamy sand, 0 to 12 percent slopes					
Leetonia	LvB	Leetonia sand, variant, 3 to 8 percent slopes	60	12	50	30	3.0
Leetonia	LvC	Leetonia sand, variant, 8 to 15 percent slopes					
Lindside	Lx	Lindside soils	130	26	80	45	4.5
Markes	MaB	Markes silt loam, 2 to 10 percent slopes	70	14	55		
Meckesville	MeB	Meckesville silt loam, 3 to 8 percent slopes	100	29	70	40	4.0
Meckesville	MeC	Meckesville silt loam, 8 to 15 percent slopes	95	19	65	35	4.0
Meckesville	MkB	Meckesville very stony silt loam, 0 to 8 percent slopes					
Meckesville	MkD	Meckesville very stony silt loam, 8 to 25 percent slopes					
Melvin	Mm	Melvin silt loam	115	23	70		
Millheim	MnB	Millheim silt loam, 2 to 8 percent slopes	100	20	70	40	4.0
Millheim	MnC	Millheim silt loam, 8 to 15 percent slopes	90	18	65	35	3.5
Millheim	MnD	Millheim silt loam, 15 to 25 percent slopes	80	16	60	35	3.5
Monongahela	MoB	Monongahela silt loam, 2 to 8 percent slopes	100	20	65	40	3.5
Morrison	MrB	Morrison sandy loam, 2 to 8 percent slopes	105	21	65	40	4.5

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Morrison	MrC	Morrison sandy loam, 8 to 15 percent slopes	100	20	60	35	4.0
Morrison	MrD	Morrison sandy loam, 15 to 25 percent slopes	90	18	55	39	4.0
Morrison	MsB	Morrison very stony sandy loam, 0 to 8 percent slopes					
Morrison	MsD	Morrison very stony sandy loam, 8 to 25 percent slopes					
Morrison	MTF	Morrison very stony sandy loam, steep					
Murrill	MuA	Murrill channery silt loam, 0 to 3 percent slopes	120	24	75	45	4.5
Murrill	MuB	Murrill channery silt loam, 3 to 8 percent slopes	120	24	75	45	4.5
Murrill	MuC	Murrill channery silt loam, 8 to 15 percent slopes	110	22	70	40	4.0
Murrill	MuD	Murrill channery silt loam, 15 to 25 percent slopes	95	19	60	35	4.0
Murrill	MvB	Murrill very stony silt loam, 0 to 8 percent slopes					
Murrill	MvD	Murrill very stony silt loam, 8 to 25 percent slopes					
Nolin	No	Nolin silt loam, local alluvium, 0 to 5 percent slopes	135	27	80	50	5.0
Opequon	OhB	Opequon-Hagerstown complex, 3 to 8 percent slopes	75	15	55	25	3.0
Opequon	OhC	Opequon-Hagerstown complex, 8 to 15 percent slopes	70	14	50	25	3.0
Opequon	OhD	Opequon-Hagerstown complex, 15 to 25 percent slopes					2.5
Opequon	ORF	Opequon-Hagerstown complex, steep (Opequon part)					
Opequon	ORF	Opequon-Hagerstown complex, steep (Hagerstown part)					
Opequon	OxB	Opequon-Rock outcrop complex, 0 to 8 percent slopes					
Opequon	OxD	Opequon-Rock outcrop complex, 8 to 25 percent slopes					
Philo	Ph	Philo loam	130	26	80	45	4.5
	Pk	Philo and Atkins very stony soils (Philo part)					
Philo	Pk	Philo and Atkins very stony soils (Atkins part)					
Pope	Po	Pope soils	135	27	80	50	5.0
Purdy	Pu	Purdy silt loam	80	16	55		
Rayne	RaB	Rayne silt loam, 2 to 10 percent slopes	115	23	75	45	4.5
Rubble land	Ru	Rubble land					
Strip mines	Sm	Strip mines, acid	Too variable to test.				
Tyler	Ty	Tyler silt loam	95	19	65		3.0
Ungers	UmB	Ungers channery loam, 3 to 8 percent slopes	120	24	75	45	4.5
Ungers	UmC	Ungers channery loam, 8 to 15 percent slopes	110	22	70	40	4.0
Ungers	UmD	Ungers channery loam, 15 to 25 percent slopes	95	19	60	35	4.0
Ungers	UnB	Ungers very stony loam, 0 to 8 percent slopes					
Ungers	UnD	Ungers very stony loam, 8 to 25 percent slopes					
Urban land	URB	Urban land-Hagerstown Complex, gently sloping+C39					
Vanderlip	VaC	Vanderlip loamy sand, 5 to 20 percent slopes	70	14	50	30	3.0
Weikert	WeC	Weikert shaly silt loam, 5 to 15 percent slopes			45	20	2.0
Weikert	WeD	Weikert shaly silt loam, 15 to 25 percent slopes					
Wharton	WhA	Wharton silt loam 0 to 3 percent slopes	90	18	65	40	3.5
Wharton	WhB	Wharton silt loam, 3 to 8 percent slopes	90	18	65	40	3.5
Wharton	WhC	Wharton silt loam, 8 to 15 percent slopes	80	16	60	35	3.5
Wyoming	Wy	Wyoming gravelly sandy loam, rarely flooded, 0 to 5 percent slopes	80	16	65	35	3.5

<sup>1</sup>Animal-unit-month (AUM) is a term used to express carrying capacity of pasture. It is the number of animal units carried per acre multiplied by the number of months the pasture can be grazed during a single grazing season with injury to the sod. An animal unit is one cow, one steer, one horse, or one mule; five sheep; or seven hogs. An acre of pasture that provides 1 month of grazing for two cows, for example, has a carrying capacity of 2 animal-months.

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lay	Pasture	
	Grass-legume mix.(Tons Bluegrass ('1AUM)	Tall grass (AUM)
3.0	4.5	6.5
3.0	4.5	6.5
	3.5	
	3.0	
3.5	5.5	8.5
2.5	4.0	5.0
	4.0	5.0
2.5	4.0	5.0
2.5	4.0	5.0
3.0	4.5	5.5
3.5	5.5	8.5
3.0	4.5	6.5
2.5	4.0	5.5
2.0	3.0	5.5
	2.5	
2.5	4.0	5.0
2.5	4.0	5.0
2.5	4.0	5.0
3.0	4.5	6.5
3.0	4.5	6.5
3.0	4.5	6.5
3.0	4.5	5.5
3.0	4.5	5.5
3.5	5.5	8.5
3.0	4.5	6.5
3.0	4.5	6.5
3.5	5.5	8.5
3.0	4.5	7.5
	3.0	
	3.0	
3.0	4.5	5.5
3.0	4.5	7.5
3.0	4.5	6.5
2.5	4.0	5.5
3.0	4.5	6.5
3.0	4.5	6.5
2.5	4.0	5.5
	3.5	

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	3.0	
3.0	4.5	7.0
3.0	4.5	7.0
2.5	4.0	6.0
2.5	4.0	6.0
2.5	4.0	6.0
3.0	4.5	8.5
3.5	5.5	9.0
3.5	5.0	8.5
3.0	5.0	8.0
3.5	5.5	8.4
3.5	5.0	8.5
3.0	4.5	7.5

3.5	5.5	9.5
3.5	5.5	9.5
3.0	4.5	8.5
3.0	4.5	7.5
3.0	4.5	7.5
3.0	4.5	7.5
2.5	4.0	6.5

3.0	5.5	8.5
3.0	4.5	7.5
2.5	4.0	7.5
	4.5	
	3.5	

2.0	3.0	5.5
	2.5	
3.5	5.5	8.5
2.5	4.0	5.0
3.0	4.5	7.5
3.0	4.5	7.5
	4.5	
	3.0	
3.5	4.5	6.5
3.0	4.5	7.5
3.0	4.5	6.5
3.0	4.5	5.5
3.0	4.5	6.5
3.5	5.5	8.5

**Table 2. Estimated yields per acre of field and forage crops**

3.5	5.5	7.5
3.0	4.5	7.5
	3.0	
	3.0	
3.5	5.5	8.5
3.5	5.5	8.5
3.0	4.5	7.5
3.0	4.5	7.5
	4.5	
	3.5	
3.5	5.5	9.5
2.5	4.0	5.5
2.5	4.0	5.5
2.0	3.0	5.0
	3.0	
	2.5	
3.5	5.5	8.5
	3.5	
3.5	5.5	9.5
2.5	4.0	5.0
3.5	5.5	8.5
3.0	4.5	5.5
3.5	5.5	8.5
3.0	4.5	7.5
3.0	4.5	7.5
	4.5	
	3.5	
2.0	3.0	5.5
2.0	3.0	4.0
	2.0	
3.0	4.5	6.5
3.0	4.5	6.5
3.0	4.5	6.5
3.5	4.0	6.5