

The following tables are based on the West Virginia Pollen Project 2015. Pollen was collected at hive entrances for one daylight period, usually from at least 3 colonies per location, at 5 locations in West Virginia. Two such samples for each month, March through June were prepared and analyzed for the pollen types present, counting 200 grains from each sample.

Pollen Type Importance to Honey Bees, by % of Total Daily Intake (TDI) and weight
Organized by maximum percentage found in any sample March through June
WV Pollen Project 2015

Scientific Name	Common Name	Max % TDI	Max weight /hive /day, lbs	* max % and wt not same sample
Acer	Maple	100.00%	0.31094	*
Melilotus	Clover, Sweet	91.00%	0.31919	*
Rubus / Rosa	Bramble Berries, Rose	88.00%	0.14350	*
Rosaceae / Cercis	Rosaceae / Redbud	86.00%	0.09856	
Taraxacum officinale	Dandelion	86.00%	0.02183	
Parthenocissus	Virginia Creeper type	62.50%	0.02227	
Castanea type	Chestnut / Chinquapin	50.50%	0.01263	
Toxicodendron radicans	Poison Ivy	49.50%	0.06497	
Nyssa sylvatica	Tupelo ("Black Gum")	46.00%	0.05520	
Platanus occidentalis	Sycamore	44.50%	0.11032	
Prunus	Peach/Plum/Cherry	42.50%	0.03825	
Salix	Willow	41.00%	0.06658	*
Cornus	Dogwood species	40.00%	0.10400	
Asteraceae 1	Aster family 1	39.50%	0.08639	
Fraxinus	Ash	35.00%	0.04441	
Tussilago farfara	Coltsfoot	33.50%	0.02652	
Viburnum	Viburnum	27.50%	0.07150	
Quercus	Oak	27.00%	0.03917	*
Lonicera	Honeysuckle	20.50%	0.05330	
Plantago	Plantain	19.00%	0.00903	
Diospyros virginiana	Persimmon	15.50%	0.00339	
Ranunculus	Buttercup type	12.50%	0.00719	
Rhus typhina	Sumac, Staghorn	11.00%	0.04059	
Sambucus	Elderberry	10.50%	0.01155	
Celastrus / Cephalanthus	Bittersweet / Buttonbush	10.00%	0.01200	

Trifolium	Clover, Dutch; Trefoil	10.00%	0.02187	
Carya	Hickory	8.50%	0.01020	
Fagus	Beech	8.00%	0.01983	
Erigeron	Fleabane	7.00%	0.00817	
Ligustrum	Privet	6.00%	0.00345	
Vitis	Grape	5.00%	0.00844	
Aesculus	Buckeye, Horse Chestnut	3.00%	0.00250	
Liriodendron tulipifera	Tulip Poplar	3.00%	0.00578	
Mertensia	Bluebells	3.00%	0.00173	
Tilia	Basswood	3.00%	0.00173	
Ilex	Holly	2.50%	0.00875	
Elaeagnus umbellate	Autumn Olive	2.00%	0.00219	*
Juglans	Walnut	2.00%	0.00240	
Stellaria	Chickweed	2.00%	0.00191	
Magnolia	Magnolia	1.50%	0.00033	
Brassica	Cole Crops / Canola / Wintercress	1.00%	0.00095	
Cirsium arvense	Canada Thistle	1.00%	0.00021	
Glechoma hederaceae	Ground Ivy	1.00%	0.00260	
Poaceae	Grass	1.00%	0.00110	
Apocynum cannabinum	Dogbane	0.50%	0.00010	
Pinus	Pine	0.50%	0.00067	
Rhododendron	Rhododendron / Azalea	0.50%	0.00023	
Rhus glabra	Sumac, Smooth	0.50%	0.00015	
Ulmus rubra	Slippery Elm	0.50%	0.00083	
Crocus	Crocus	0.00%	0.00000	

Pollen Type Importance to Honey Bees, by % of total daily intake (TDI) and weight
Organized by maximum weight collected per colony per day.
Types found March through June, WV Pollen Project 2015

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Carya	Hickory	8.50%	0.01020	
Plantago	Plantain	19.00%	0.00903	
Ilex	Holly	2.50%	0.00875	
Vitis	Grape	5.00%	0.00844	

Erigeron	Fleabane	7.00%	0.00817	
Ranunculus	Buttercup type	12.50%	0.00719	
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