

Planting 14 – Southeast Dot & Doug Unit Planting – Spring 1994



It is south of Dot's Knob and bordering the Baumgardner easement and is doing fairly well.

This planting was corn in 1993.

It was planted fairly heavily with forbs and tall grasses in the spring of 1994.

It was mowed once or twice in the summer of 1994.

We selectively removed yellow sweet clover in the summer of 1995 and each year since and there seems to be less and less each year. However in some places Canada thistle is a problem, especially to the south end. This is mowed each year.

We tried burning in 1996? and 1998? (It might have been '97 only) and it burned partially. It burned very well in the spring of 1999.

Other weeds that we have worked against are birdsfoot trefoil, white sweet clover, wild parsnip, multiflora rose, European honeysuckle.

July 7, 2009 by Bill Kleiman:

This planting is a poor example of the finer work we have done at Nachusa. The cool season grasses that were on the edges of this several acres of planting marched right across the entire planting. Briars (*Rubus*) are common in there. The high sandy ridge has the best vegetation, as usual, with the lower areas only showing plants like *Menarda fistulosa*, *Rattibida pinnata*,

Andropogon scoparius, and a few others. Al Meier planted his first big harvest on top of this planting. If I remember right we poasted the field to knock back the cool season grasses uses our 15 foot boom, and then overseeded with the new pendulum seed broadcaster (John Schmadeke planted the seed and ran out after seeding maybe the outer 40 percent of the planting. Aperture must have been open too much. We know better now.) Al would agree with me that the overseeding did not produce much/anything? in results. Lesson learned: Overseed good plantings with good seed, not poor plantings. Overseed poor plantings maybe with easily obtained combine seed.

At this point we are just managing weeds in here and waiting for inspiration to figure out next steps. The planting has been swept at least twice every year for sweet clover, a few spots of BFT, a few king devil.

In August, 2004, Alan and Mary Meier assumed the role of stewards of the Dot & Doug Wade Prairie. The following is their stewardship record:

2004

The planting was burned in the late fall and then the entire planting was over-seeded with this mix of seeds collected by Alan and Mary Meier in 2004. The seeds were sown by John Schmadeke using the pendulum broadcast seeder attached to a small Kubota tractor.

Common Name	Scientific Name	Weight (lbs)
Leadplant	<i>Amorpha canescens</i>	0.33
Thimbleweed	<i>Anemone cylindrica</i>	0.50
Whorled milkweed	<i>Asclepias verticillata</i>	0.13
White Wild Indigo	<i>Baptista leucantha</i>	8.00
Side Oats Gramma	<i>Bouteloua curtipendula</i>	0.50
Prairie coreopsis	<i>Coreopsis palmata</i>	0.50
Tall coreopsis	<i>Coreopsis tripteris</i>	1.00
Pale Purple Coneflower	<i>Echinacea pallida</i>	13.00
Canada wild rye	<i>Elymus canadensis</i>	2.50
Rattlesnake master	<i>Eryngium yuccifolium</i>	5.81
Flowering Spurge	<i>Euphorbia corollata</i>	1.13
Western sunflower	<i>Helianthus occidentalis</i>	1.00
False sunflower	<i>Heliopsis helianthoides</i>	0.19
Hairy Hawkweed	<i>Hieracium gronovii</i>	0.13
Inland Rush	<i>Juncus interior</i>	0.12
Round-Headed Bush Clover	<i>Lespedeza capitata</i>	9.00
Rough Blazing Star	<i>Liatris aspera</i>	8.25
Wild Quinine	<i>Parthenium integrifolium</i>	6.00
Foxglove Beard Tongue	<i>Penstemon digitalis</i>	3.50
Purple prairie clover	<i>Petalostemum (Dalea) purpureum</i>	2.75
Prairie Cinquefoil	<i>Potentilla arguta</i>	4.33
Mountain Mint	<i>Pycnanthemum virginianum</i>	2.00
Pasture rose	<i>Rosa carolina</i>	0.63
Black-eyed susan	<i>Rudbeckia hirta</i>	3.00
Sweet black-eyed susan	<i>Rudbeckia subtomentosa</i>	1.50

Rosin weed	Silphium integrifolium	1.69
Compass Plant	Silphium laciniatum	3.00
Prairie Dock	Silphium terebinthaceum	2.00
Common Grass Leaved Goldenrod	Solidago gymnospermoides	2.00
Oldfield Goldenrod	Solidago nemoralis	1.60
Showy Goldenrod	Solidago speciosa	2.00
Hoary vervain	Verbena stricta	4.50
Golden Alexander	Zizia aurea	0.90
Total item weight		93.49

2005

These seeds were collected and planted by Alan and Mary Meier in 2005.

Common Name	Scientific Name	Weight (lbs)
Lead Plant	Amorpha canescens	2.25
Pussy Toes	Antennaria neglecta	0.01
Heath Aster	Aster ericoides	0.80
Flax-leaved Aster	Aster linariifolius	0.01
Stiff Aster	Aster linariifolius	0.20
New England Aster	Aster novae-angliae	0.40
Silky Aster	Aster sericeus	0.04
Canada Milk Vetch	Astragalus canadensis	0.40
White Wild Indigo	Baptisia leucantha	7.50
Cream Wild Indigo	Baptisia leucophaea	1.35
Sedges (mix)	Carex	0.20
Tall Coreopsis	Coreopsis tripteris	0.50
Tall Boneset	Eupatorium altissimum	0.25
Gentians	Gentiana	0.01
Prairie Smoke	Geum triflorum	0.01
Western Sunflower	Helianthus occidentalis	0.35
False Sunflower	Heliopsis helianthoides	1.10
Alum Root	Heuchera richardsonii grayana	0.04
Inland Rush	Juncus interior	0.45
Prairie June Grass	Koeleria cristata (macrantha)	2.30
False Boneset	Kuhnia (Brickellia) eupatorioides	0.70
Prairie Blazing Star	Liatris pycnostachya	0.50
Violet Wood Sorrel	Oxalis violacea	0.10
White Prairie Clover	Petalostemum (Dalea) candida	0.05
Sweet Everlasting	Pseudognaphalium obtusifolium	0.10
Slender Mountain Mint	Pycnanthemum tenuifolium	1.00
Cup Plant	Silphium perfoliatum	0.40
Missouri Goldenrod	Solidago missouriensis	0.30
Old Field Goldenrod	Solidago nemoralis	0.70
Porcupine Grass	Stipa spartea	0.40
Goat's Rue	Tephrosia virginiana	0.90
Common Spiderwort	Tradescantia ohiensis	1.40
Culver's Root	Veronicastrum virginicum	0.80

Total item weight	25.52
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2009-2010

The Dot/Doug planting was burned on 3/17/2010. After the burn, the planting was over-seeded with seeds collected in 2009 by Alan and Mary Meier. Most of the seeds were mixed together and hand-distributed by Alan Meier, Mary Meier, Ron Ingraham, and Hank Hartman on 3/20/2010. They were spread on a one-inch bed of wet snow, mostly over the southern half of the planting. On 3/18/2010 and 3/31/2010, the remaining seeds were planted by Alan Meier.

Common Name	Scientific Name	Weight (lbs)
Beech Wormwood	<i>Artemisia caudata (campestris)</i>	3.90
Canada Milk Vetch	<i>Astragalus canadensis</i>	6.30
Common Mountain Mint	<i>Pycnanthemum virginianum</i>	1.90
Common Spiderwort	<i>Tradescantia ohiensis</i>	5.15
Compass Plant	<i>Silphium laciniatum</i>	3.40
Cream Gentian	<i>Gentiana (alba) flavida</i>	0.15
Culver's Root	<i>Veronicastrum virginicum</i>	2.30
Dogbane	<i>Apocynum ??</i>	0.20
False Boneset	<i>Kuhnia (Brickellia) eupatorioides</i>	0.85
Grass-Leaved Goldenrod	<i>Solidago grammifolia</i>	2.50
Heath Aster	<i>Aster ericoides</i>	1.00
Illinois Tick Trefoil	<i>Desmodium illinoense</i>	0.01
Indigo Bush	<i>Amorpha fruticosa</i>	0.35
Old Field Goldenrod	<i>Solidago nemoralis</i>	1.45
Orange-fruited Horse Gentian	<i>Triosteum aurantiacum</i>	0.75
Pale Purple Coneflower	<i>Echinacea pallida</i>	13.50
Prairie Tall Cinquefoil	<i>Potentilla arguta</i>	9.60
Rosin Weed	<i>Silphium integrifolium</i>	1.10
Rough Blazing Star	<i>Liatrix aspera</i>	5.55
Round-headed Bush Clover	<i>Lespedeza capitata</i>	7.15
Showy Goldenrod	<i>Solidago speciosa</i>	11.85
Silky Aster	<i>Aster sericeus</i>	1.35
Sky Blue Aster	<i>Aster azureus (oolentangiensis)</i>	1.10
Slender Mountain Mint	<i>Pycnanthemum tenuifolium</i>	5.35
Stiff Aster	<i>Aster linariifolius</i>	0.45
Sweet Black Eyed Susan	<i>Rudbeckia subtomentosa</i>	1.70
Thimbleweed	<i>Anemone cylindrica</i>	0.80
White Wild Indigo	<i>Baptisia leucantha</i>	7.75
Whorled milkweed	<i>Asclepias verticillata</i>	0.05
Total item weight		97.51

2011

270 lbs. of handpicked seed and 108 lbs. of combine mix were planted in 2011. The planting was burned in late November. Sowing of the seeds was performed on 12/3/2011 by Alan Meier, Mary Meier, and Bernie Buchholz using 2 drop-seeder spreaders pulled by a pickup and a utility vehicle. Two full passes were made over the entire planting, assuring a wide distribution of the seeds.

Common Name	Scientific Name	Weight (lbs)
Nodding Wild Onion	Allium cernuum	0.80
Lead Plant	Amorpha canescens	5.60
Indigo Bush	Amorpha fruticosa	0.40
Thimbleweed	Anemone cylindrica	0.70
Whorled milkweed	Asclepias verticillata	0.40
Sky Blue Aster	Aster azureus (oolentangiensis)	3.55
Heath Aster	Aster ericoides	4.80
New England Aster	Aster novae-angliae	1.15
Aromatic Aster	Aster oblongifolius	0.60
Silky Aster	Aster sericeus	2.65
Cream Wild Indigo	Baptisia leucophaea	2.05
Pale Indian Plantain	Cacalia atriplicifolia	2.05
Bicknell's Sedge	Carex bicknellii	1.80
Golden Prairie Aster	Chrysopsis camporum (Heterotheca)	0.05
Sand Coreopsis	Coreopsis lanceolata	0.01
Prairie Coreopsis	Coreopsis palmata	0.65
Tall Coreopsis	Coreopsis tripteris	6.50
Shooting Star	Dodecantheon meadia	4.85
Pale Purple Coneflower	Echinacea pallida	55.75
Rattlesnake Master	Eryngium yuccifolium	6.25
Flowering Spurge	Euphorbia corollata	5.30
Cream Gentian	Gentiana (alba) flavida	0.20
Western Sunflower	Helianthus occidentalis	6.20
Alum Root	Heuchera richardsonii grayana	0.30
Hairy Hawkweed	Hieracium longipilum	0.05
Greene's Rush	Juncus greeneii	0.80
Prairie June Grass	Koeleria cristata (macrantha)	1.45
False Boneset	Kuhnia (Brickellia) eupatorioides	2.45
Round-headed Bush Clover	Lespedeza capitata	10.50
Rough Blazing Star	Liatris aspera	23.30
Prairie Blazing Star	Liatris pycnostachya	0.60
Horse Mint	Monarda punctata villicualis	0.35
Wild Quinine	Parthenium integrifolium	21.90
White Prairie Clover	Petalostemum (Dalea) candidum	1.80
Purple Prairie Clover	Petalostemum (Dalea) purpurea	17.10
Prairie Parsley	Polytaenia nuttallii	0.01
Sweet Everlasting	Pseudognaphalium obtusifolium	1.35
Slender Mountain Mint	Pycnanthemum tenuifolium	3.40
Pasture Rose	Rosa carolina	4.45
Prairie Willow	Salix humilis	0.10

Rosin Weed	<i>Silphium integrifolium</i>	7.90
Compass Plant	<i>Silphium laciniatum</i>	11.10
Prairie Doc	<i>Silphium terebinthinaceum</i>	1.15
Viscid Bushy Goldenrod	<i>Solidago (Euthamia) graminifolia</i>	0.55
Grass-Leaved Goldenrod	<i>Solidago grammifolia</i>	4.95
Missouri Goldenrod	<i>Solidago missouriensis</i>	2.85
Old Field Goldenrod	<i>Solidago nemoralis</i>	0.00
Showy Goldenrod	<i>Solidago speciosa</i>	6.00
Goat's Rue	<i>Tephrosia virginiana</i>	14.65
Common Spiderwort	<i>Tradescantia ohiensis</i>	9.65
Orange-fruited Horse Gentian	<i>Triosteum aurantiacum</i>	2.50
Blue Vervain	<i>Verbena hastata</i>	2.20
Hoary Vervain	<i>Verbena stricta</i>	3.40
Golden Alexander	<i>Zizia aurea</i>	0.75
Combine Mix		108.15
Total item weight		378.02



Photo above—November, 2011 workday where volunteers mix 378 lbs. of seed in the Morton building

2012

These seeds were collected and planted by Alan and Mary Meier and a group of volunteers in November, 2012. Many were hand-raked into the soil.

Common Name	Scientific Name	Seed Weight
White Wild Indigo	<i>Baptisia leucantha</i>	11.80
Wild Quinine	<i>Parthenium integrifolium</i>	10.80
Black-eyed Susan	<i>Rudbeckia hirta</i>	1.20
Showy Goldenrod	<i>Solidago speciosa</i>	2.05
Golden Alexander	<i>Zizia aurea</i>	5.10
Total seed weight		30.95

2015

This was the first fire season in over a decade that this planting was not burned (either in the fall of 2014 or in 2015). We continue with yearly efforts to control sweet clover, numerous patches of BFT, and just a few spots of King Devil. Red clover is found throughout most of the planting, but is too extensive to control. The honeysuckle, which was abundant in 2004, has been pretty much eliminated. For the first time, stewards Alan Meier and Keith Kauffmann removed all of the Queen Anne's Lace, which was still found in large quantities throughout this planting. As of this point, there doesn't appear to be much by way of improvement due to the overseeding that has been performed in this planting over the past decade.